

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054194.D
 Acq On : 1 Jul 2022 16:56
 Operator : CG/JU
 Sample : N3564-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-11-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.759	50	63	74	rBV3	160182	470301	13.69%	0.521%
2	4.247	138	146	157	rBV4	86476	295665	8.60%	0.328%
3	4.429	169	177	189	rBV2	251916	773446	22.51%	0.857%
4	4.564	189	200	210	rVB2	160356	438039	12.75%	0.485%
5	4.717	220	226	234	rVB2	151333	329428	9.59%	0.365%
6	4.999	265	274	280	rBV	318846	697282	20.29%	0.773%
7	5.099	286	291	295	rBV	171163	322746	9.39%	0.358%
8	5.211	305	310	314	rBV	294232	482790	14.05%	0.535%
9	5.264	314	319	326	rVV2	454861	833492	24.26%	0.924%
10	5.422	342	346	350	rVV	172432	282832	8.23%	0.313%
11	5.504	355	360	369	rVB2	369258	838115	24.39%	0.929%
12	5.640	369	383	390	rBV2	396062	1073943	31.25%	1.190%
13	5.757	397	403	413	rVB4	134500	401540	11.69%	0.445%
14	5.875	413	423	428	rBV4	196304	450157	13.10%	0.499%
15	5.945	428	435	443	rBV2	308596	816055	23.75%	0.904%
16	6.027	443	449	454	rVV	472708	988084	28.75%	1.095%
17	6.092	455	460	467	rVB	276805	565850	16.47%	0.627%
18	6.168	467	473	480	rVB	180874	353835	10.30%	0.392%
19	6.245	480	486	495	rBV6	83209	220241	6.41%	0.244%
20	6.345	495	503	516	rBV5	575060	1733268	50.44%	1.921%
21	6.462	516	523	532	rVB3	297204	772294	22.47%	0.856%
22	6.562	532	540	547	rBV6	486456	1573370	45.79%	1.744%
23	6.633	547	552	557	rVV	835530	1460804	42.51%	1.619%
24	6.715	557	566	577	rVB4	847115	2844557	82.78%	3.153%
25	6.832	582	586	591	rVV2	197606	393399	11.45%	0.436%
26	6.891	591	596	601	rVV5	202172	403239	11.73%	0.447%
27	6.967	601	609	615	rVV4	401774	1063420	30.95%	1.179%
28	7.061	616	625	631	rVB3	568989	1294755	37.68%	1.435%
29	7.167	638	643	647	rBV2	240131	434759	12.65%	0.482%
30	7.226	647	653	667	rVB3	845136	2018662	58.75%	2.237%
31	7.402	678	683	688	rVB4	184167	344344	10.02%	0.382%
32	7.461	688	693	697	rBV3	191138	344975	10.04%	0.382%
33	7.532	701	705	706	rVV2	247584	359970	10.48%	0.399%
34	7.567	707	711	719	rVV4	457038	1112517	32.38%	1.233%
35	7.637	719	723	735	rVB4	350728	985177	28.67%	1.092%
36	7.767	735	745	746	rBV4	179570	417398	12.15%	0.463%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.796	747	750	755	rVB2	191920	310691	9.04%	0.344%
38	7.902	762	768	772	rBV4	135413	292294	8.51%	0.324%
39	7.984	776	782	788	rVV7	253305	773328	22.50%	0.857%
40	8.054	788	794	801	rVB	1192332	2382438	69.33%	2.640%
41	8.148	803	810	815	rVB3	290546	615934	17.92%	0.683%
42	8.219	815	822	824	rBV6	120053	275508	8.02%	0.305%
43	8.266	825	830	835	rVV4	372826	621149	18.08%	0.688%
44	8.336	838	842	844	rVV	302118	500572	14.57%	0.555%
45	8.372	844	848	854	rVV2	696723	1306811	38.03%	1.448%
46	8.430	854	858	866	rVB3	269985	624844	18.18%	0.693%
47	8.524	866	874	878	rBV6	193522	583764	16.99%	0.647%
48	8.607	885	888	891	rVB	184148	217983	6.34%	0.242%
49	8.718	902	907	911	rBV2	169422	268010	7.80%	0.297%
50	8.771	911	916	922	rVB3	184026	339715	9.89%	0.377%
51	8.865	926	932	936	rBV4	151631	400545	11.66%	0.444%
52	8.918	937	941	947	rBV3	254815	489468	14.24%	0.542%
53	9.188	977	987	994	rBV3	992860	2739384	79.72%	3.036%
54	9.282	998	1003	1011	rVV4	490085	1166895	33.96%	1.293%
55	9.347	1011	1014	1018	rVB3	162390	229249	6.67%	0.254%
56	9.441	1018	1030	1036	rBV7	471249	1700066	49.47%	1.884%
57	9.559	1038	1050	1056	rVV7	329110	1067829	31.08%	1.183%
58	9.723	1072	1078	1084	rVB3	448184	889373	25.88%	0.986%
59	9.811	1089	1093	1097	rVB3	300682	463782	13.50%	0.514%
60	9.964	1112	1119	1123	rBV4	307535	687170	20.00%	0.762%
61	10.011	1123	1127	1132	rVV2	657101	1216991	35.42%	1.349%
62	10.070	1132	1137	1143	rVV6	656444	1370978	39.90%	1.519%
63	10.140	1144	1149	1158	rVB4	451237	1222170	35.57%	1.355%
64	10.293	1169	1175	1180	rBV3	624639	1249640	36.37%	1.385%
65	10.469	1201	1205	1219	rVB9	280729	750608	21.84%	0.832%
66	10.587	1220	1225	1228	rBV	278464	523272	15.23%	0.580%
67	10.751	1249	1253	1256	rBV4	244915	440978	12.83%	0.489%
68	10.869	1266	1273	1279	rBV7	384452	973291	28.32%	1.079%
69	11.004	1293	1296	1299	rBV2	172406	286366	8.33%	0.317%
70	11.051	1299	1304	1309	rVB	1200701	2127431	61.91%	2.358%
71	11.110	1309	1314	1321	rBV3	323559	601177	17.50%	0.666%
72	11.262	1335	1340	1343	rBV4	209314	417347	12.15%	0.463%
73	11.386	1358	1361	1367	rVB4	308393	537496	15.64%	0.596%
74	11.550	1386	1389	1391	rBV2	206687	291276	8.48%	0.323%
75	11.597	1392	1397	1404	rVV4	667903	1498470	43.61%	1.661%
76	11.656	1404	1407	1413	rVB4	212950	390584	11.37%	0.433%

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77	11.727	1414	1419	1424	rVB4	370687	597755	17.40%	0.662%
78	11.915	1445	1451	1455	rBV	1216998	2175516	63.31%	2.411%
79	12.079	1475	1479	1486	rBV5	262142	549696	16.00%	0.609%
80	12.520	1548	1554	1561	rVB3	658502	1512019	44.00%	1.676%
81	12.925	1619	1623	1627	rBV2	341186	598614	17.42%	0.663%
82	13.254	1673	1679	1684	rVB	1387028	2312743	67.30%	2.563%
83	13.325	1688	1691	1698	rVB	389299	564606	16.43%	0.626%
84	13.560	1728	1731	1735	rVB2	322349	407525	11.86%	0.452%
85	13.877	1781	1785	1791	rVB2	279853	549628	15.99%	0.609%
86	14.036	1807	1812	1817	rBV3	523274	1126836	32.79%	1.249%
87	14.089	1818	1821	1826	rVB2	633729	991701	28.86%	1.099%
88	14.194	1834	1839	1843	rVB	1583945	2461400	71.63%	2.728%
89	14.547	1895	1899	1904	rVB2	357354	551071	16.04%	0.611%
90	14.676	1917	1921	1924	rBV2	532356	895215	26.05%	0.992%
91	15.105	1990	1994	1999	rVB	662862	1037537	30.19%	1.150%
92	15.228	2011	2015	2026	rVB4	688832	1420087	41.33%	1.574%
93	15.328	2028	2032	2036	rBV2	348502	588778	17.13%	0.653%
94	15.957	2134	2139	2145	rVB	1484554	2432142	70.78%	2.696%
95	16.168	2172	2175	2177	rBV2	278722	329486	9.59%	0.365%
96	16.439	2215	2221	2226	rBV	2037448	3436250	100.00%	3.808%
97	17.255	2356	2360	2371	rVB	1374001	2507331	72.97%	2.779%
98	17.449	2390	2393	2397	rBV2	292127	486678	14.16%	0.539%
99	17.861	2460	2463	2468	rVB	451206	655163	19.07%	0.726%
100	20.058	2834	2837	2842	rVB	796229	1005999	29.28%	1.115%

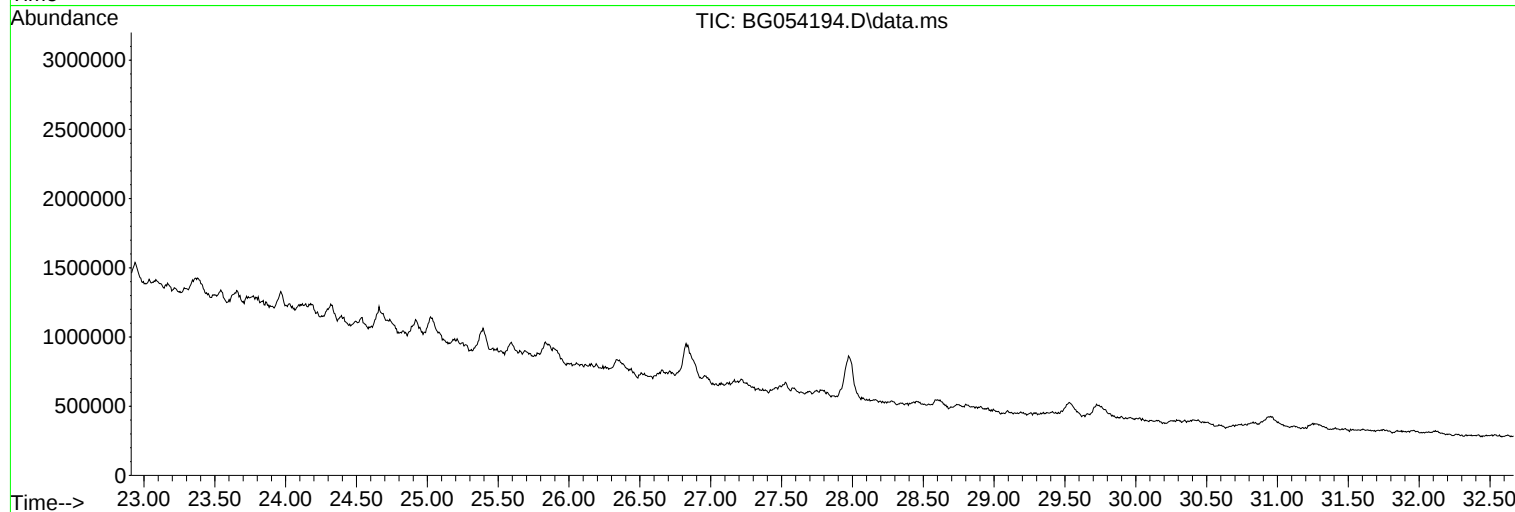
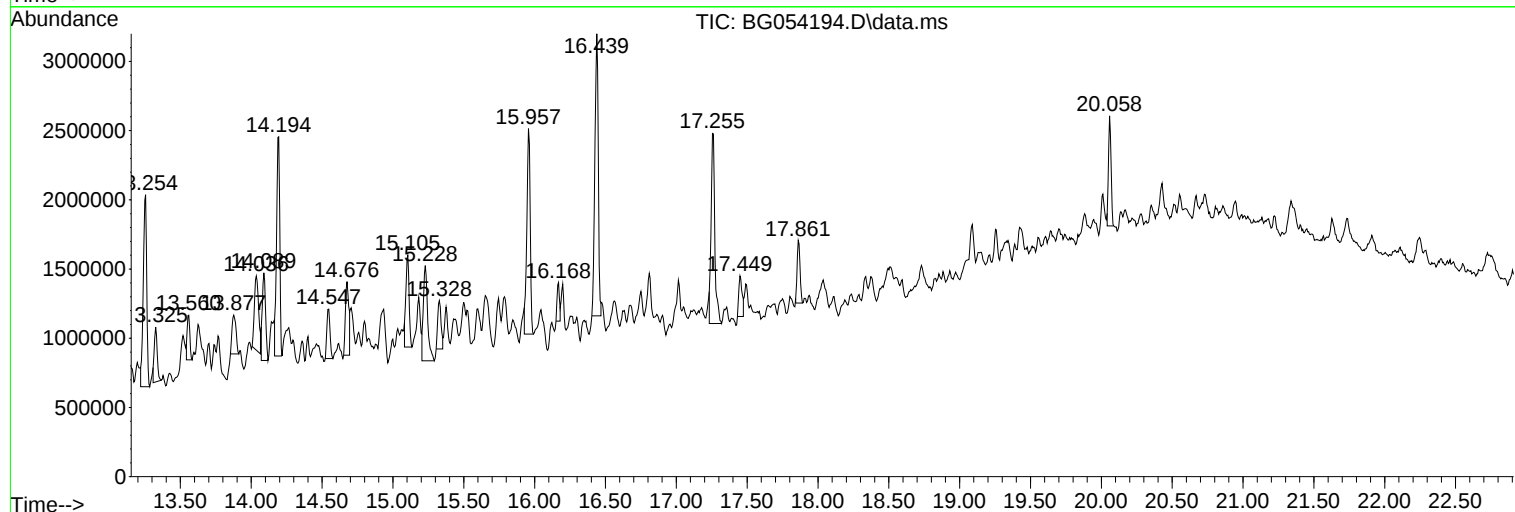
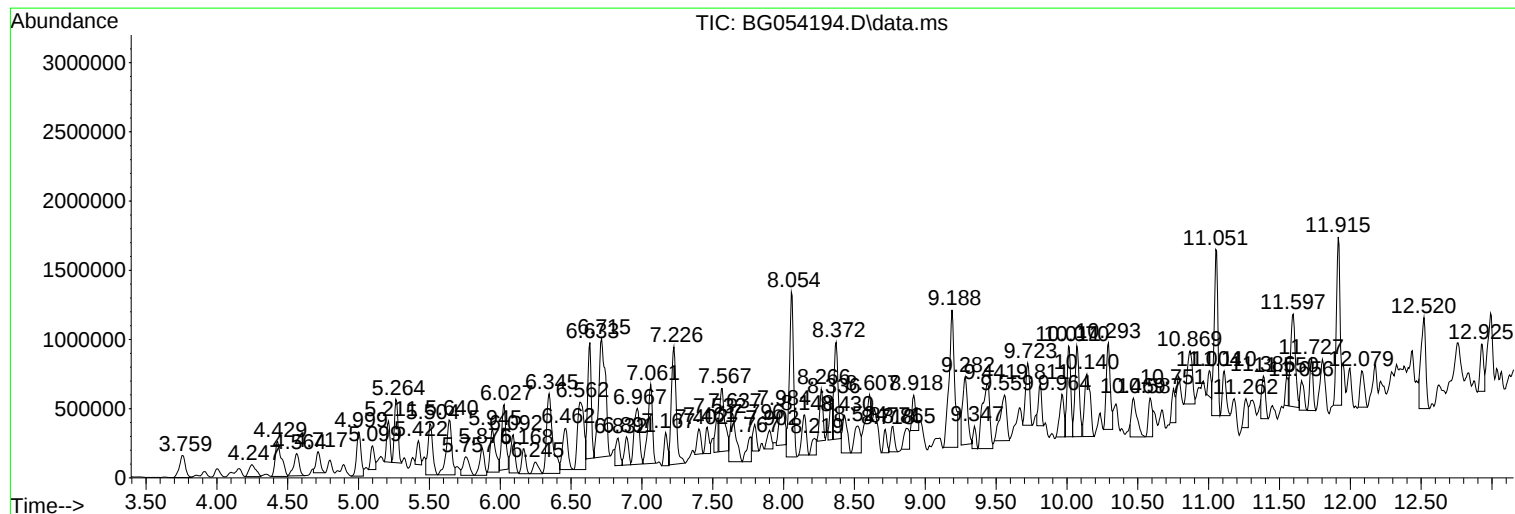
Sum of corrected areas: 90229402

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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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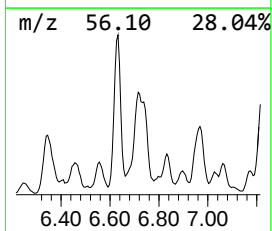
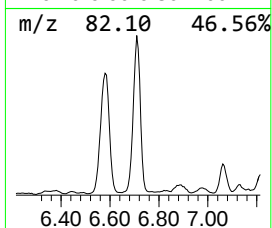
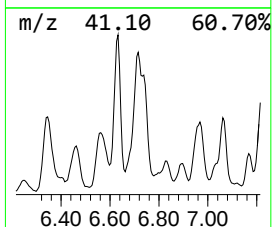
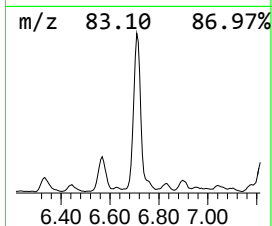
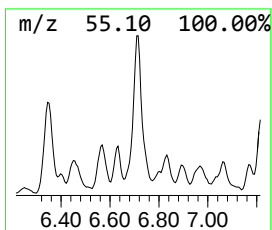
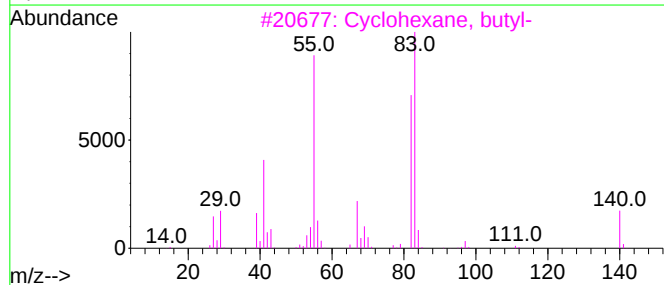
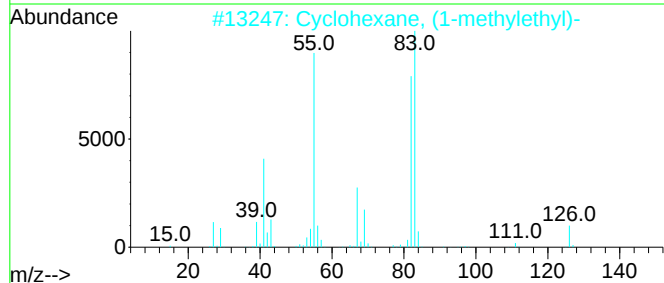
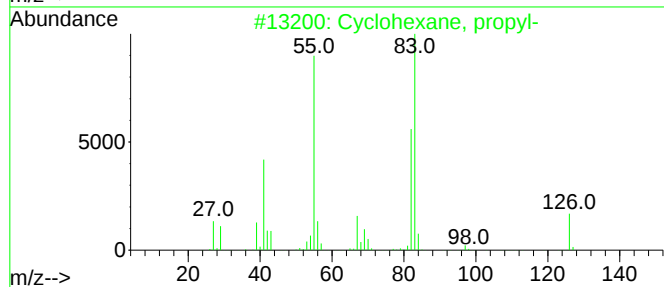
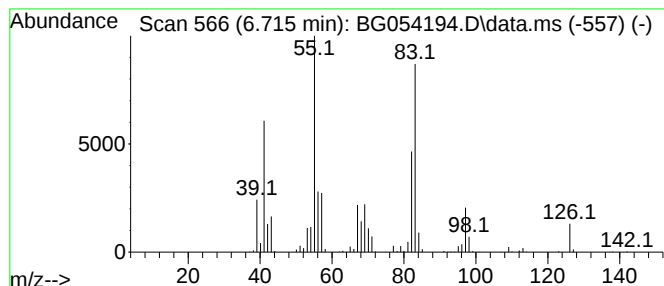
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.715	23.88 ng	2844560	1,4-Dichlorobenzene-d4	8.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	58
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50



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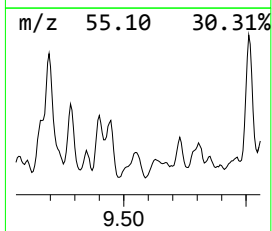
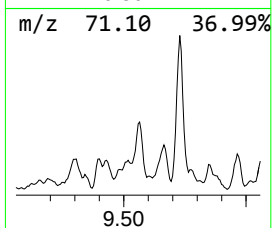
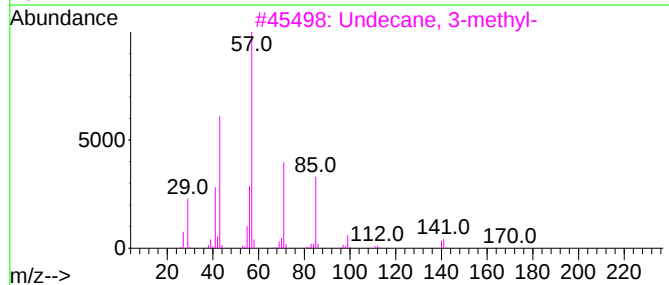
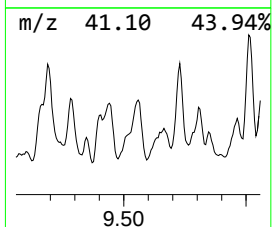
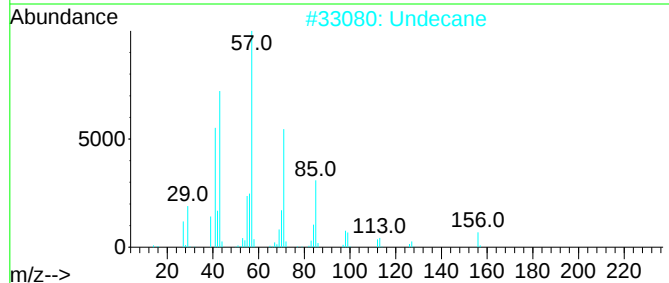
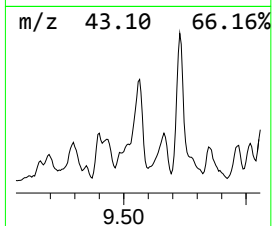
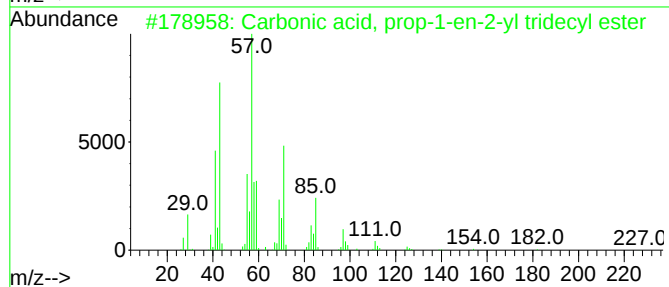
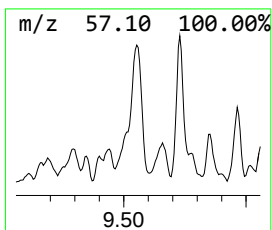
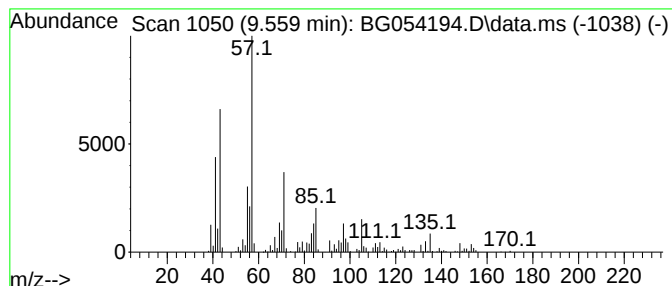
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.559	21.94 ng	1067830	Naphthalene-d8	10.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
2			Undecane	156	C11H24	001120-21-4	52
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	49



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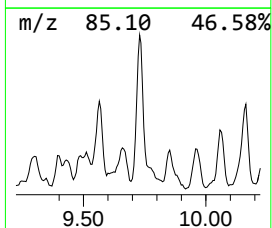
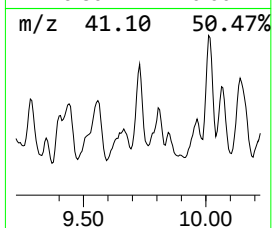
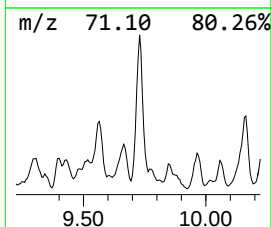
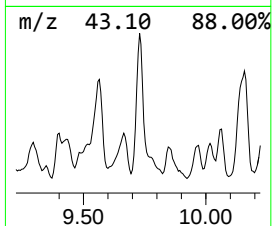
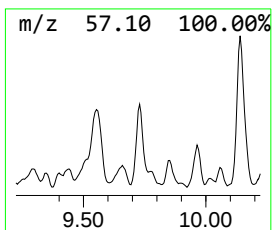
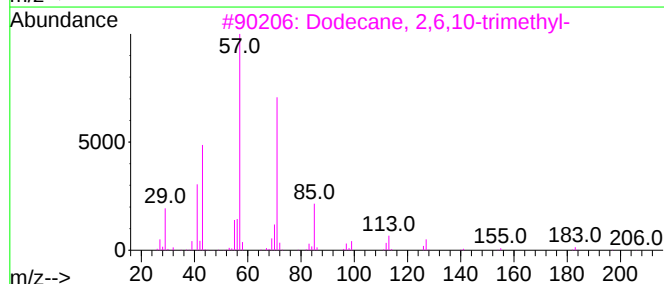
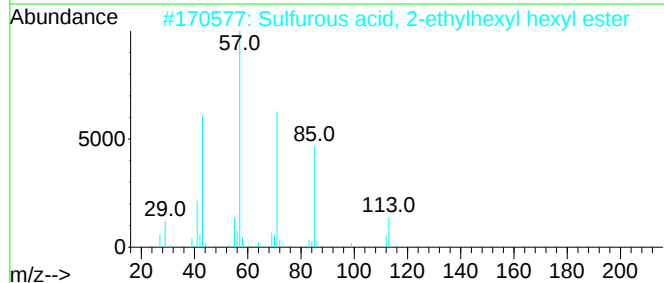
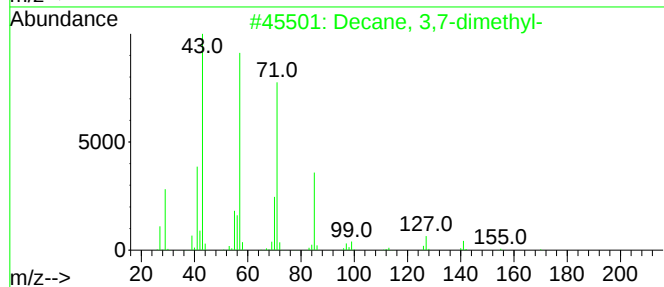
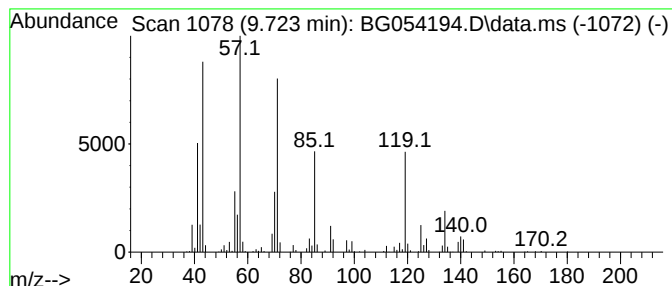
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.723	18.28 ng	889373	Naphthalene-d8	10.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	60
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	38
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
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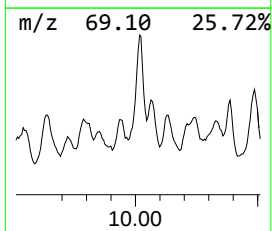
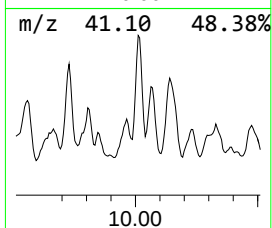
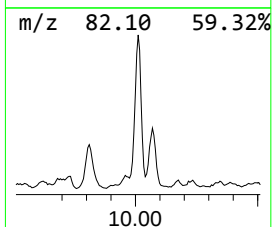
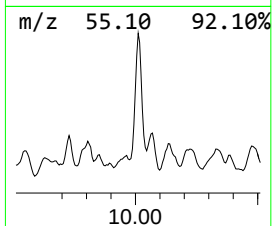
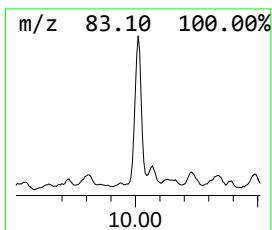
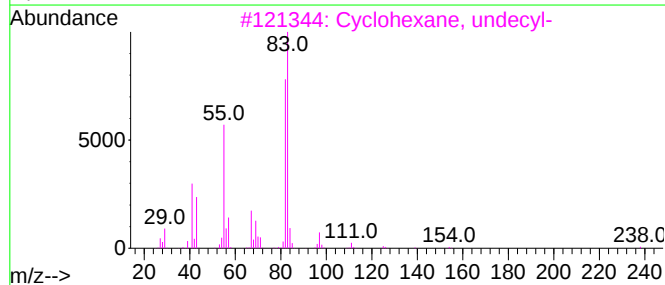
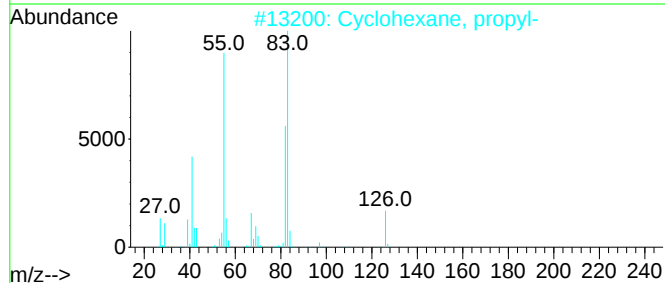
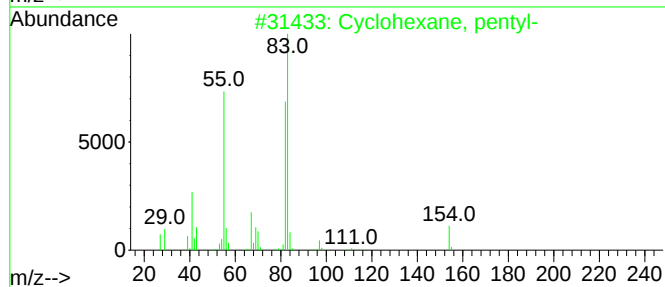
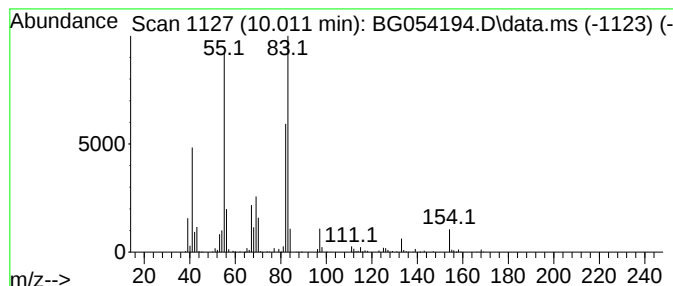
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.011	25.01 ng	1216990	Naphthalene-d8	10.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	86
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
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ClientSampleId :
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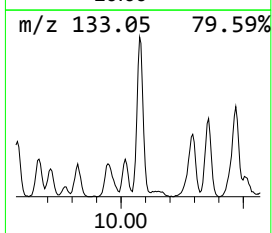
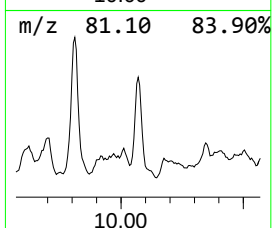
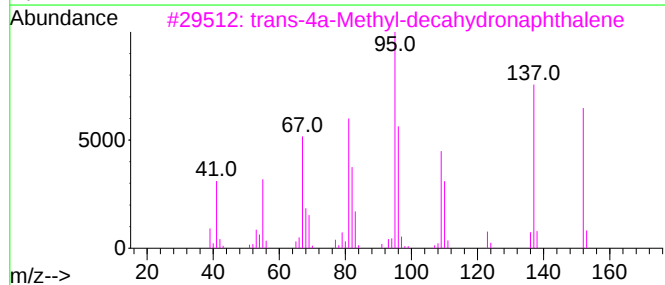
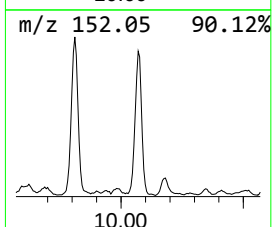
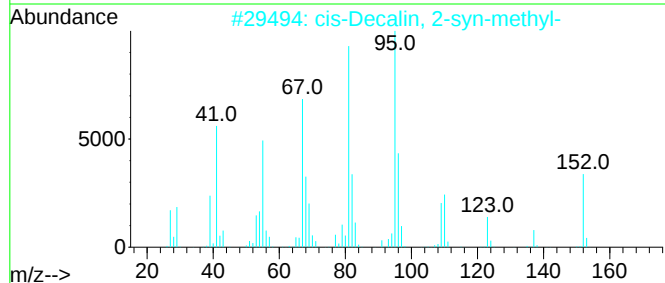
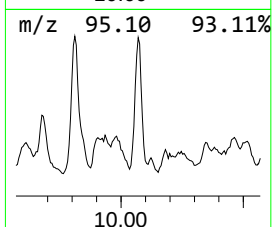
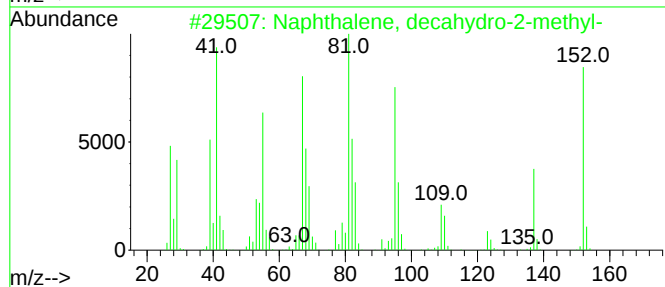
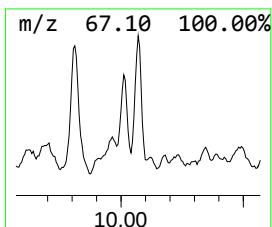
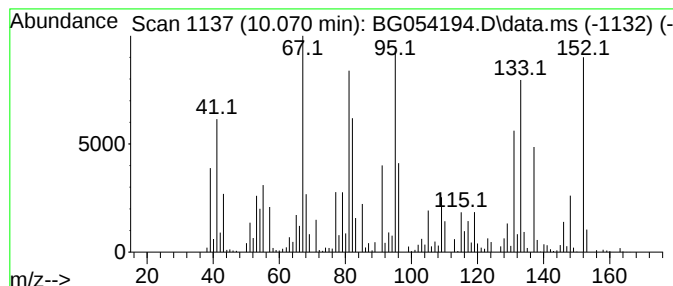
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.070	28.17 ng	1370980	Naphthalene-d8	10.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
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Operator : CG/JU
Sample : N3564-11
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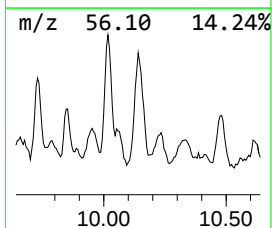
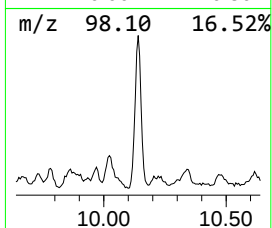
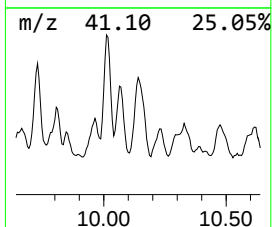
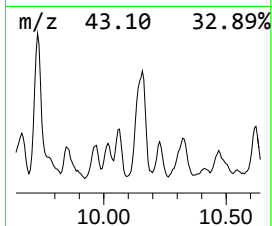
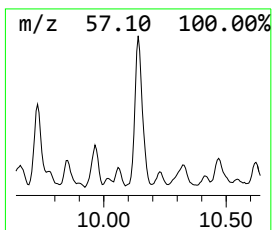
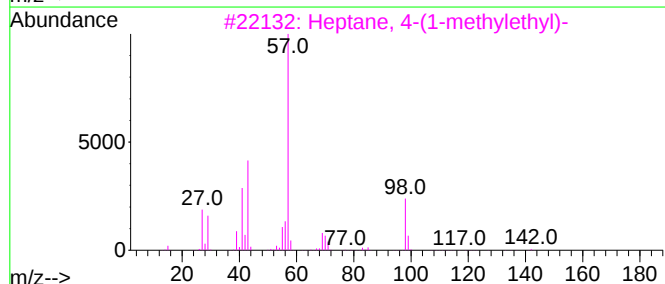
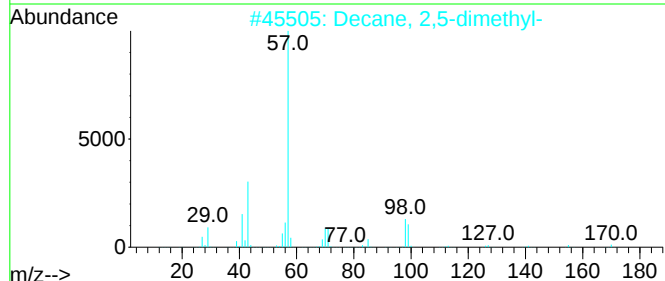
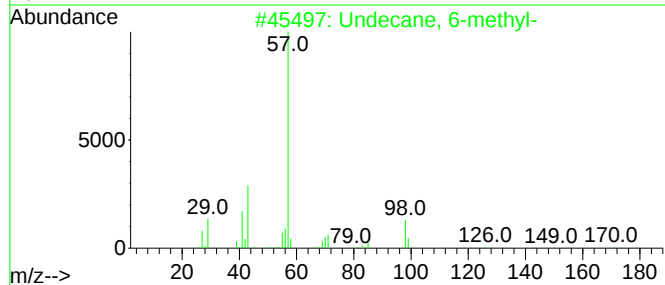
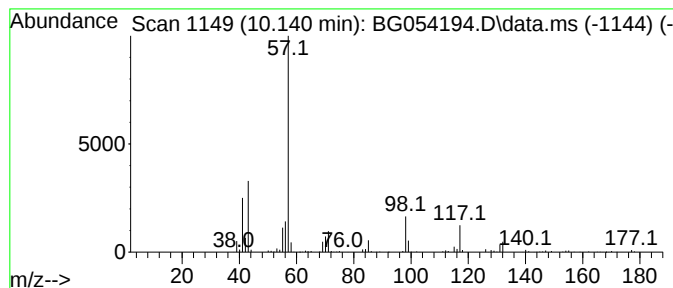
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.140	25.11 ng	1222170	Naphthalene-d8	10.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	70
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	47
4	Octane, 3-methyl-	128	C9H20	002216-33-3	46
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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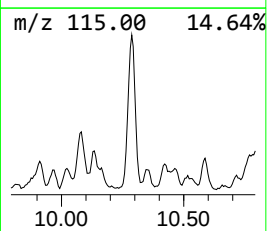
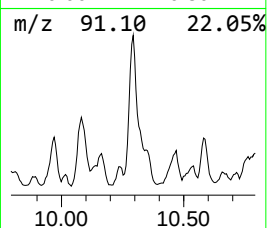
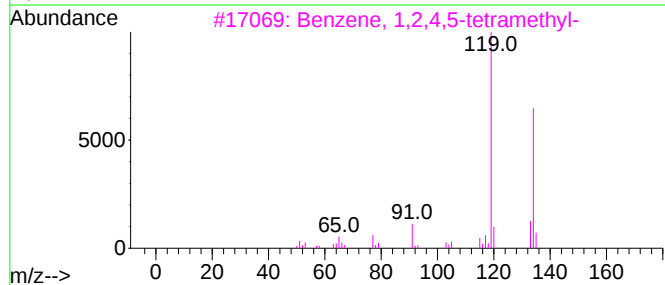
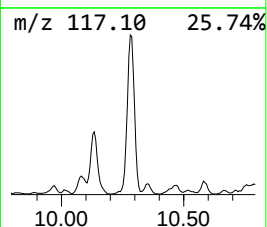
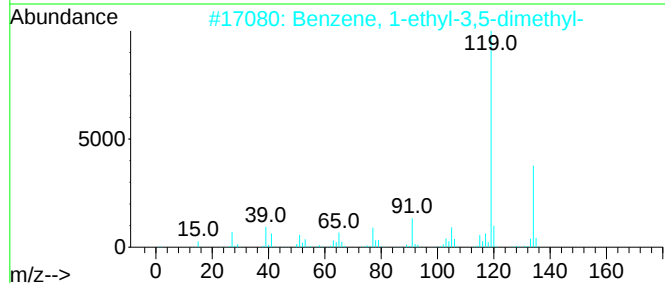
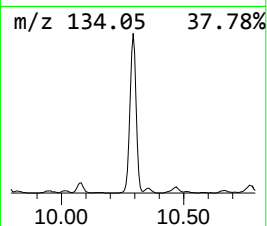
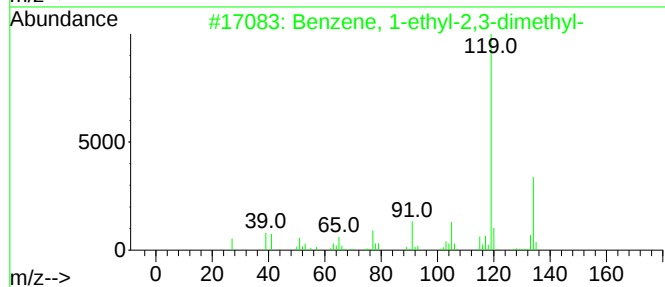
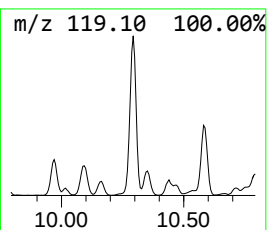
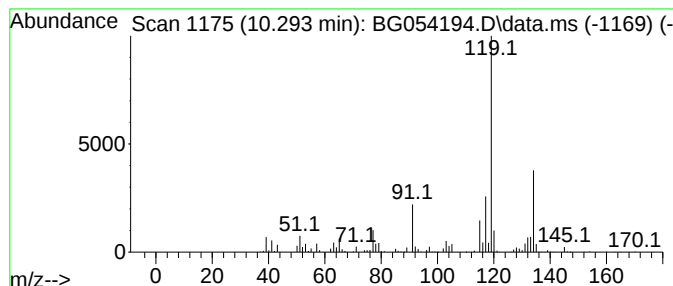
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.293	25.68 ng	1249640	Naphthalene-d8	10.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	o-Cymene	134	C10H14	000527-84-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Operator : CG/JU
Sample : N3564-11
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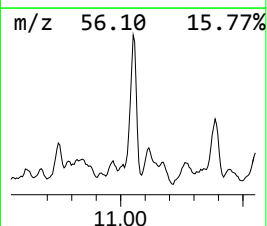
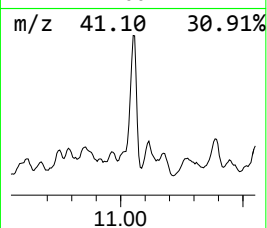
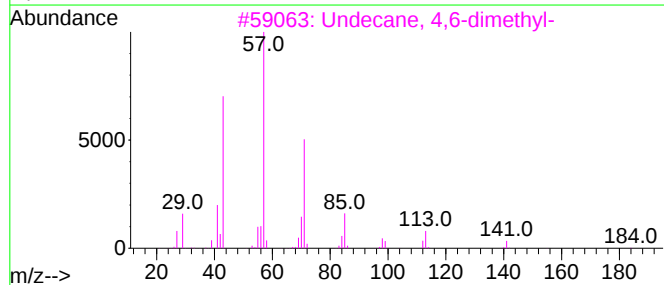
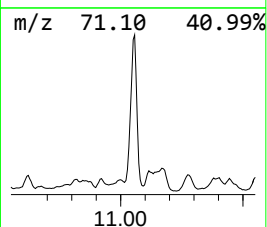
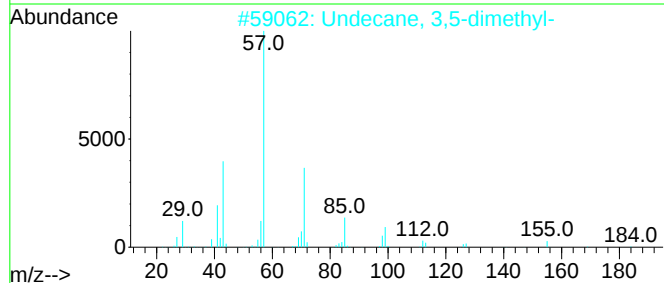
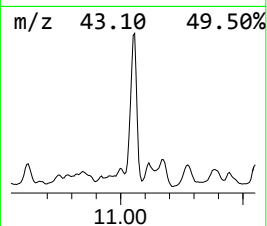
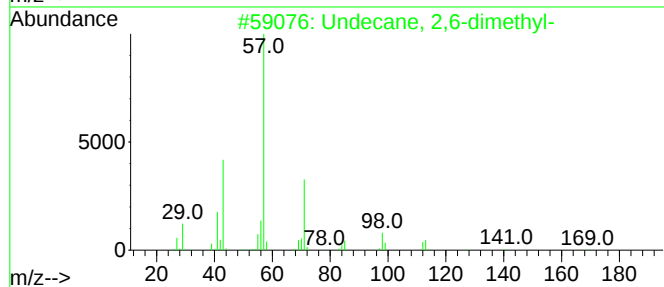
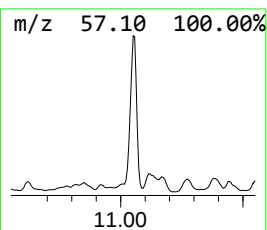
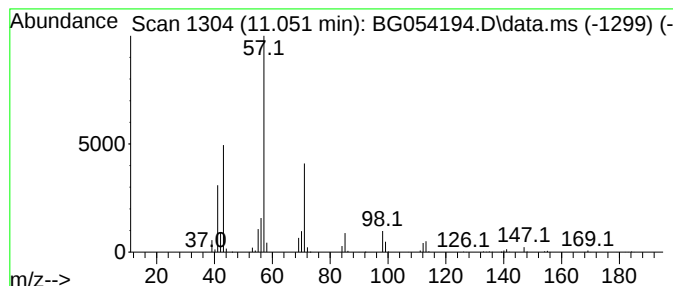
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.051	43.72 ng	2127430	Naphthalene-d8	10.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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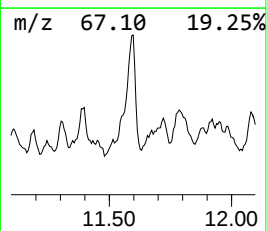
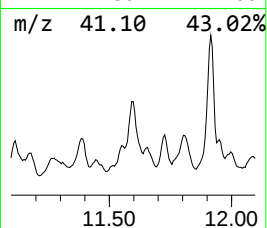
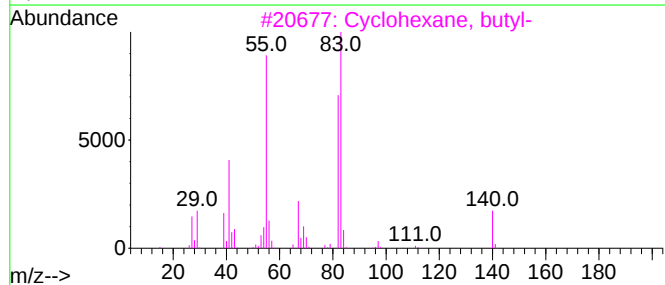
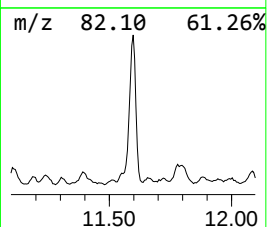
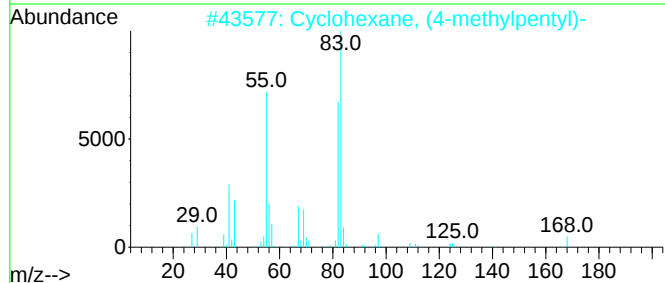
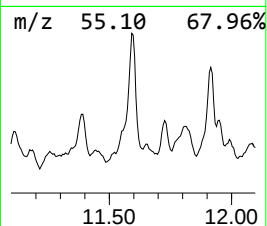
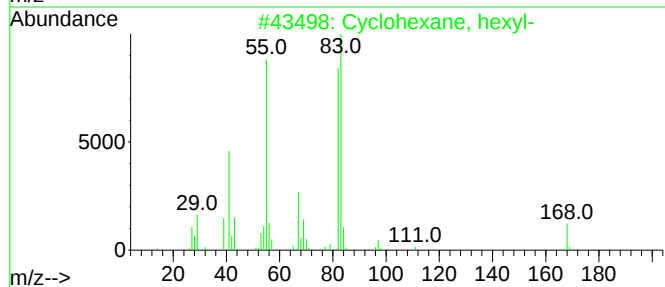
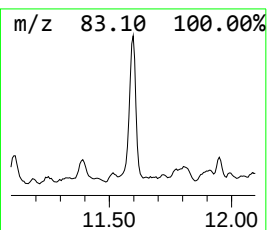
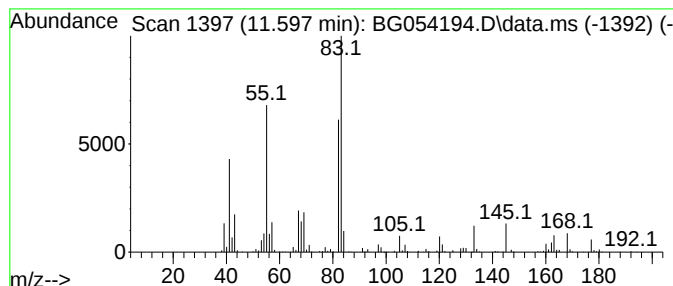
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.597	30.79 ng	1498470	Naphthalene-d8	10.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-11-3

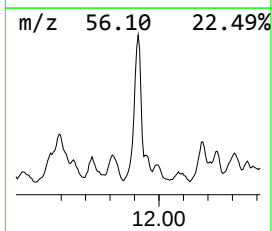
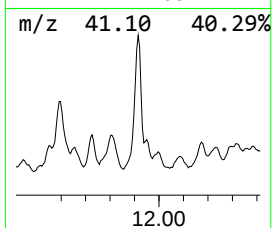
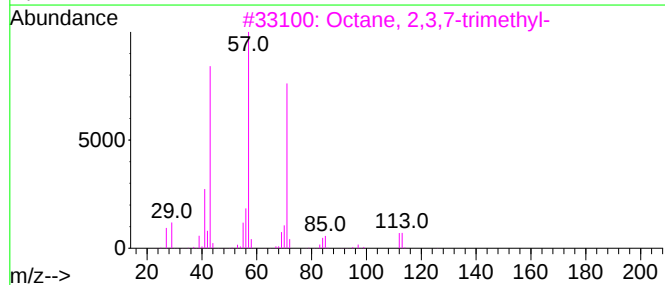
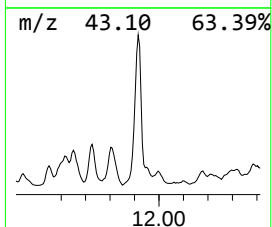
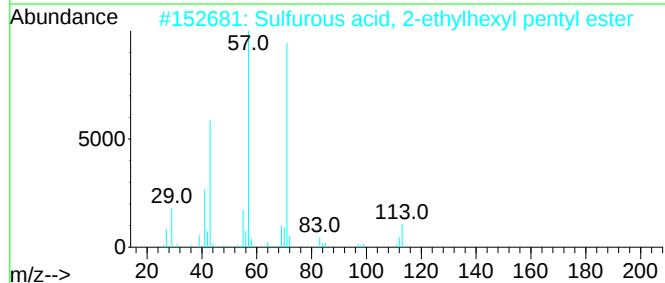
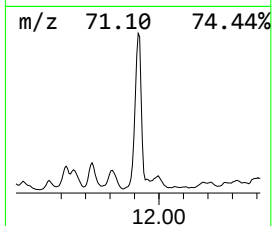
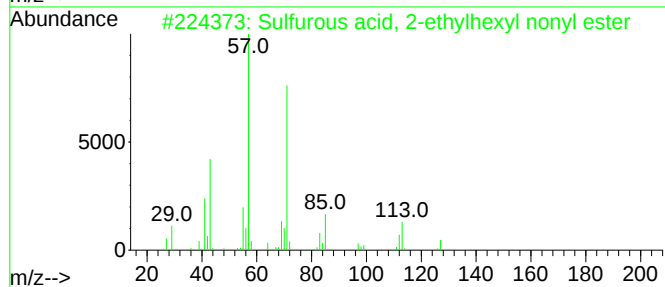
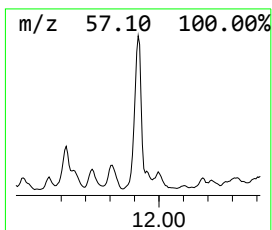
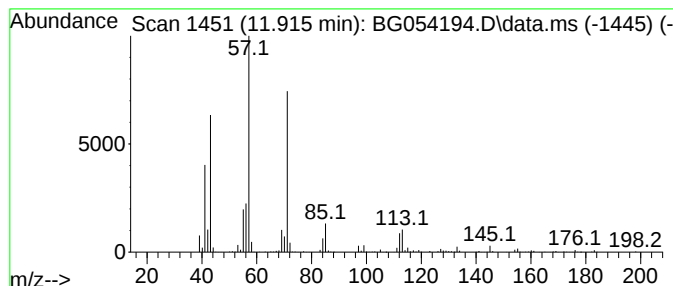
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	44.70 ng	2175520	Naphthalene-d8	10.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
3			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

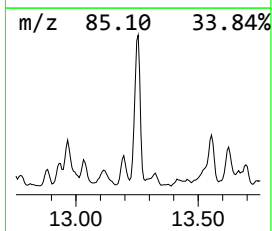
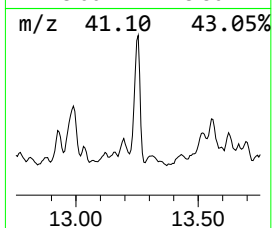
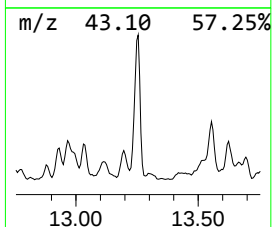
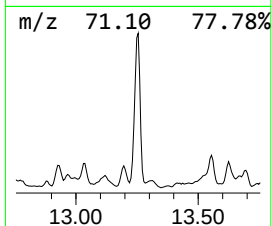
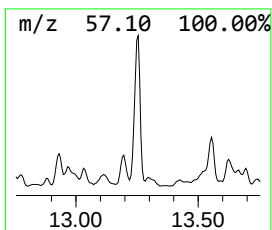
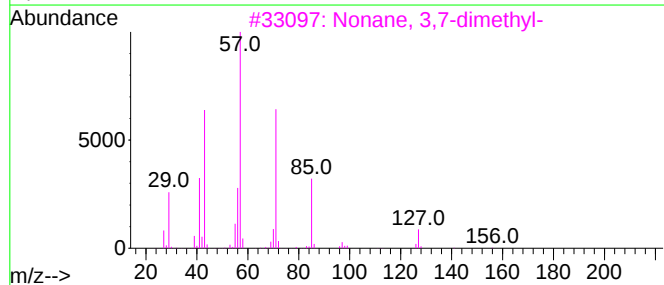
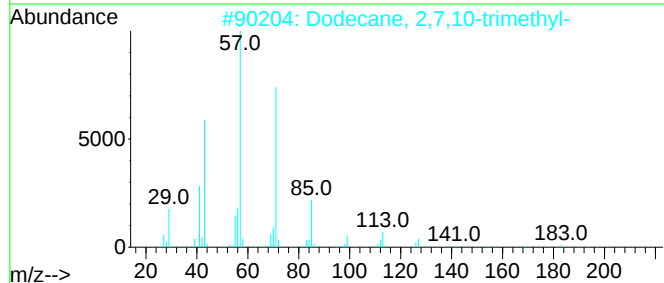
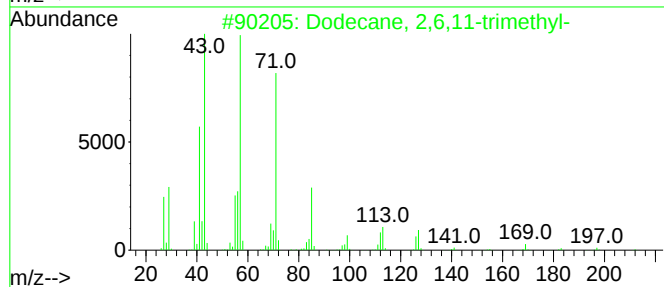
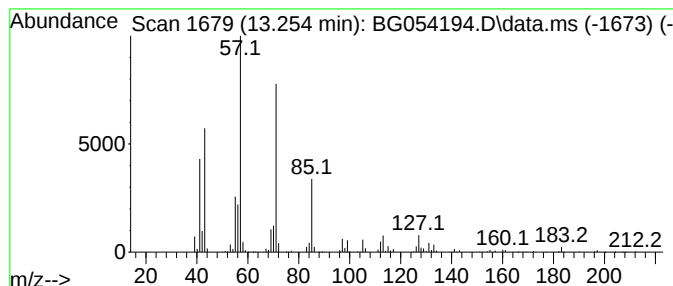
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.254	51.67 ng	2312740	Acenaphthene-d10		14.706	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	93
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	91
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	87
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
5	Octane, 2-methyl-		128	C9H20	003221-61-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-11-3

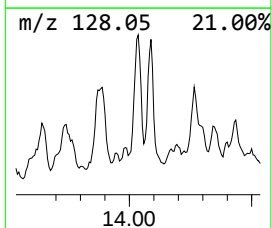
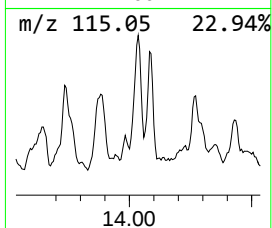
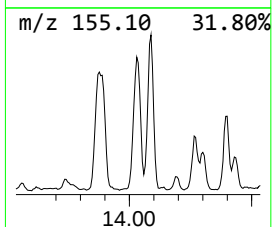
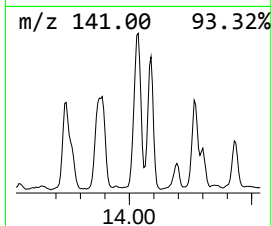
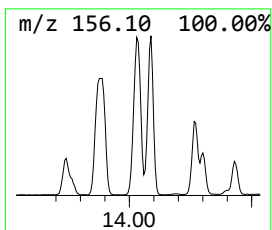
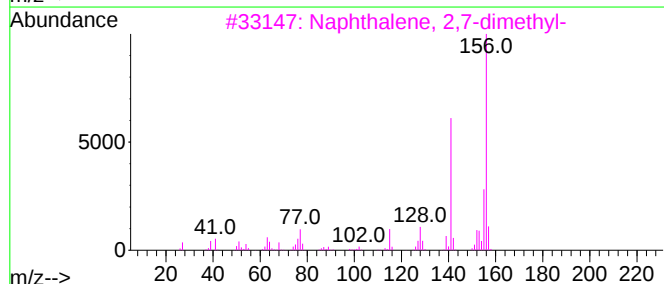
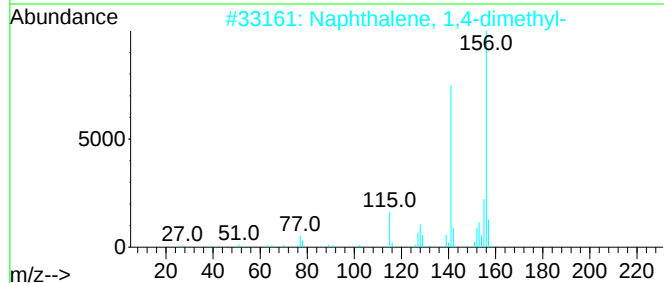
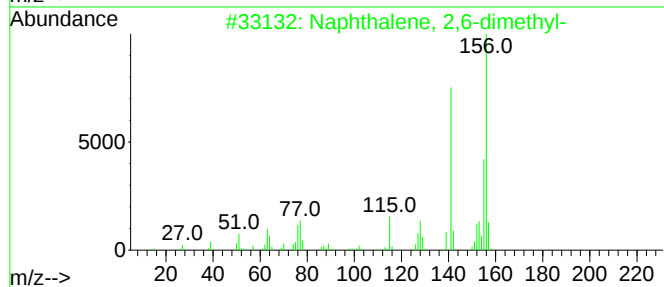
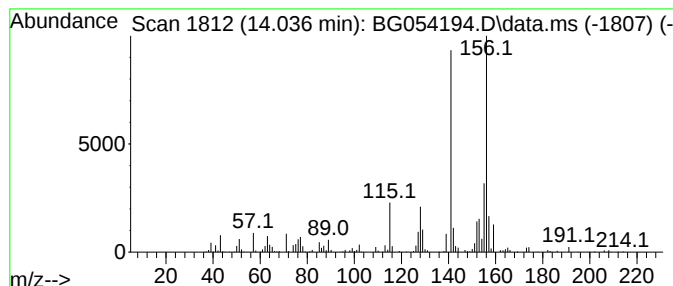
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	25.17 ng	1126840	Acenaphthene-d10	14.706

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
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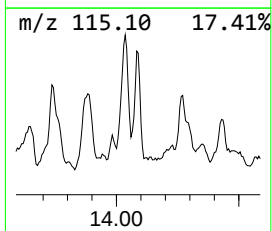
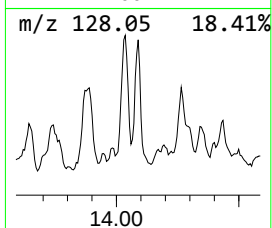
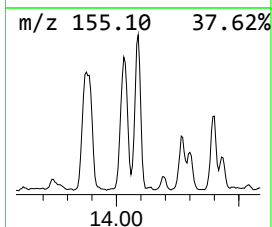
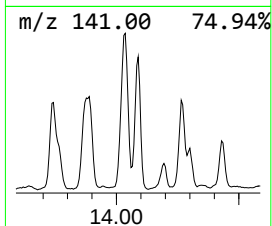
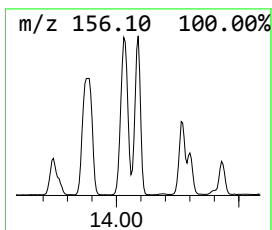
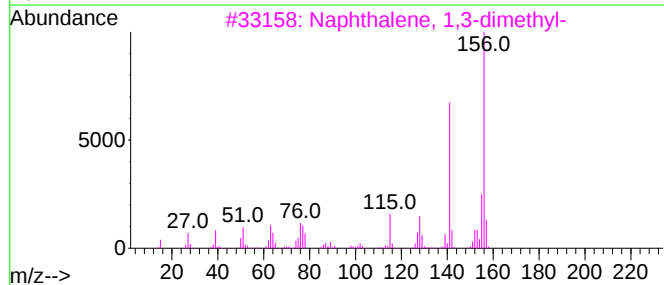
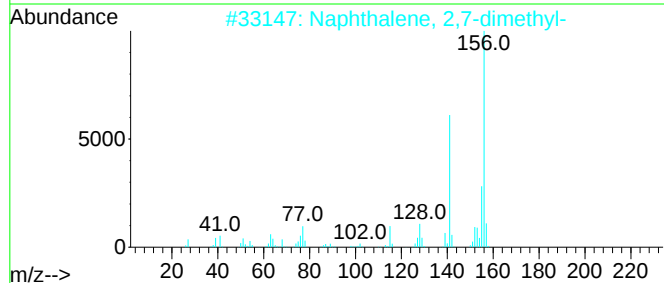
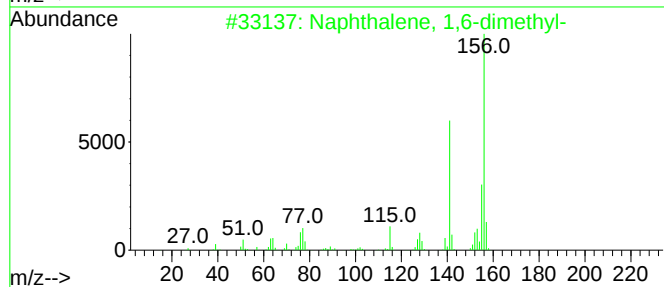
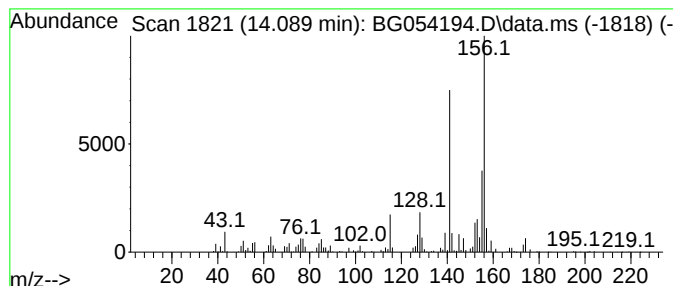
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.089	22.16 ng	991701	Acenaphthene-d10	14.706	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Acq On : 1 Jul 2022 16:56
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Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

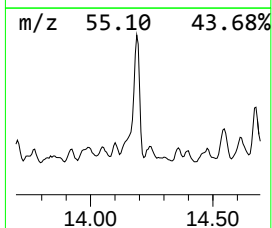
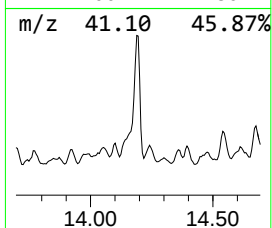
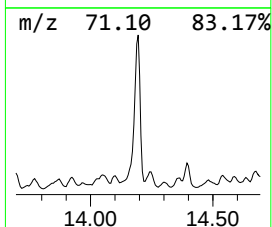
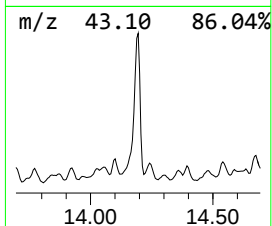
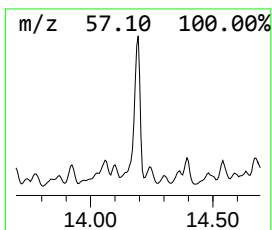
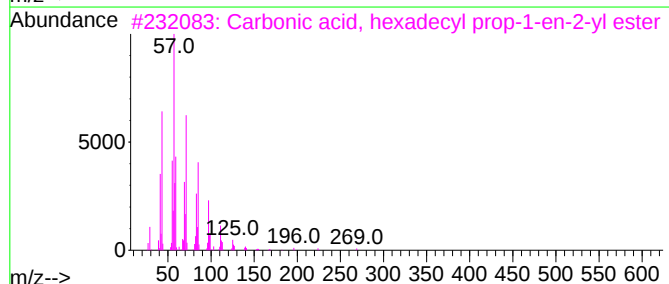
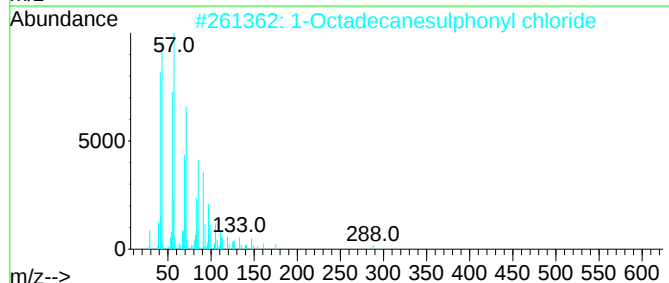
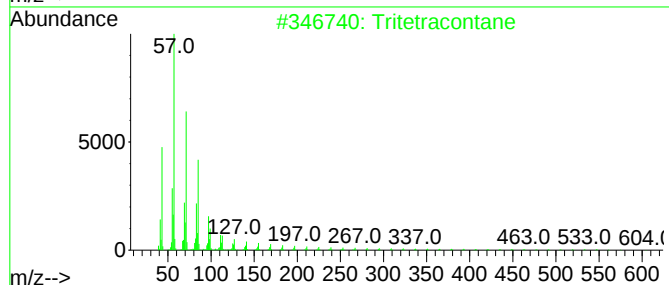
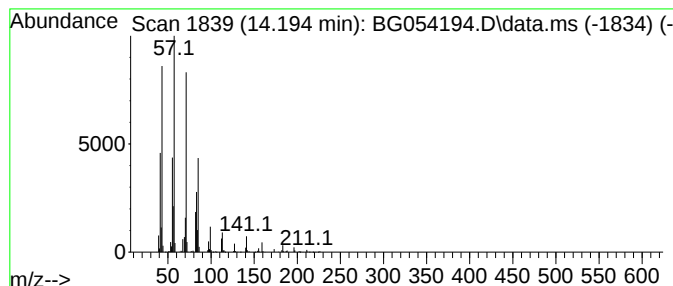
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.194	54.99 ng	2461400	Acenaphthene-d10	14.706	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

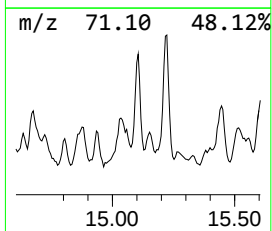
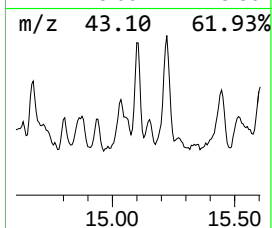
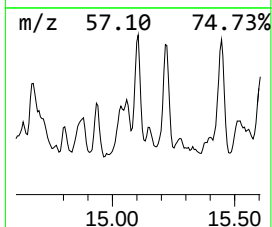
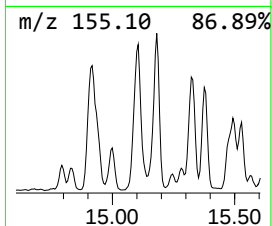
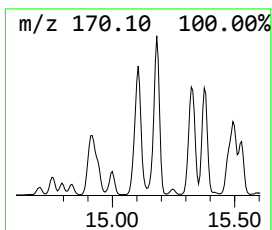
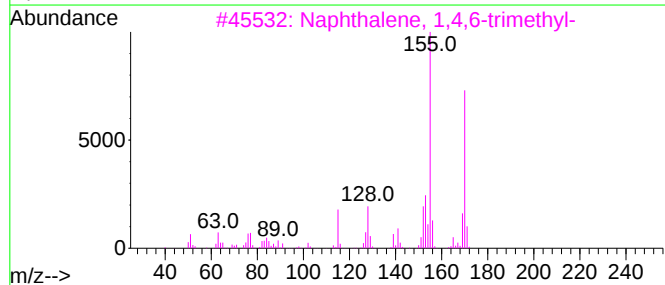
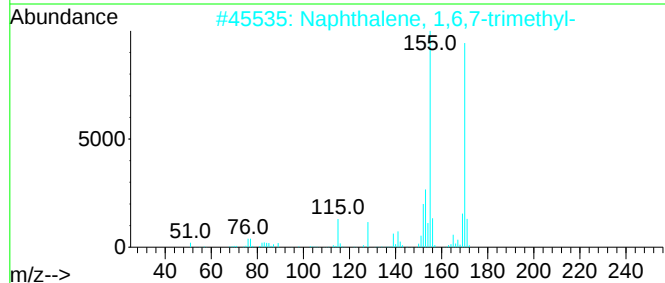
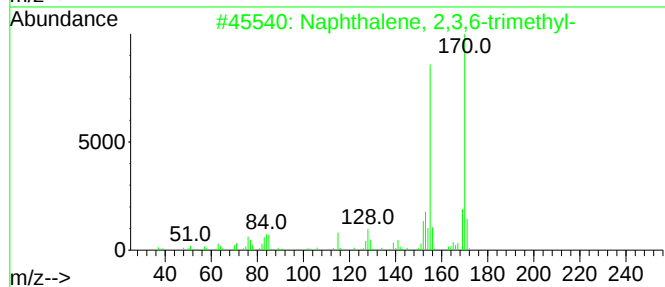
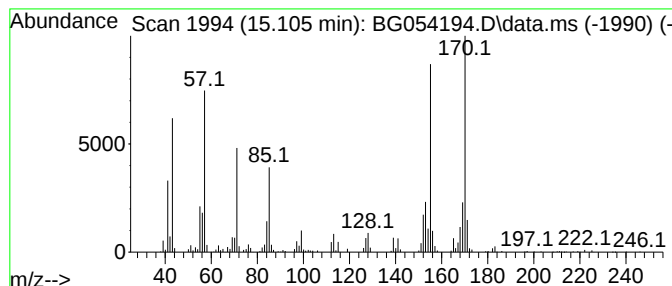
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.105	23.18 ng	1037540	Acenaphthene-d10	14.706	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
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Acq On : 1 Jul 2022 16:56
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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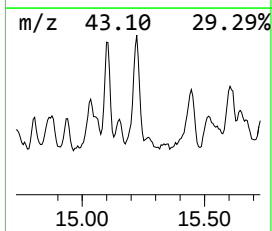
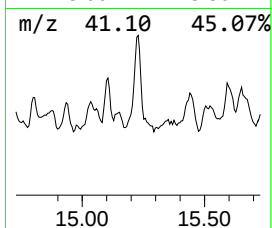
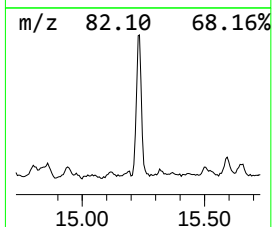
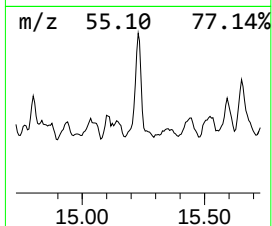
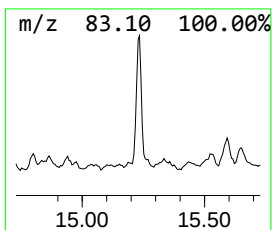
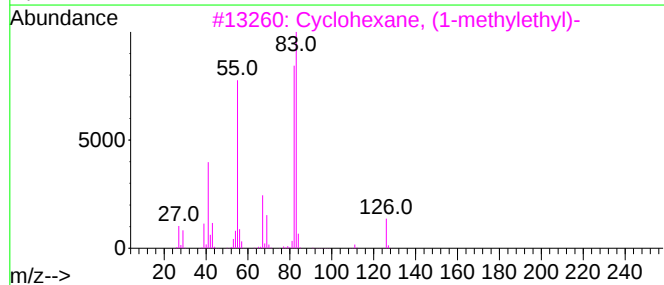
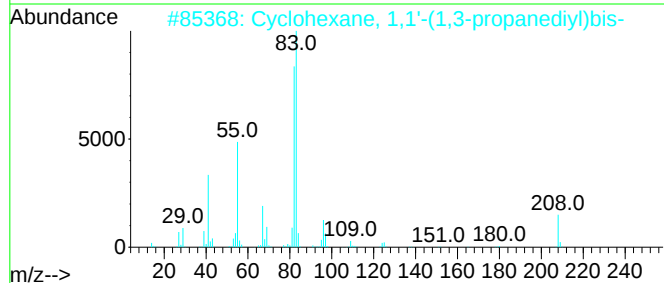
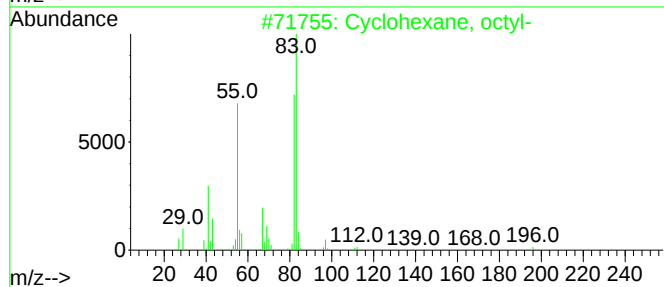
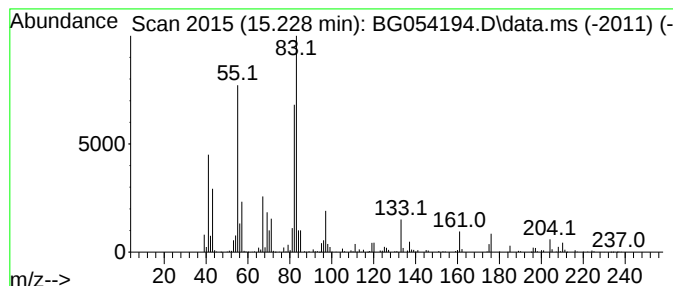
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclohexane, octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.228	31.73 ng	1420090	Acenaphthene-d10	14.706

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	76
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	68
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

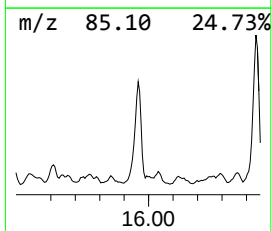
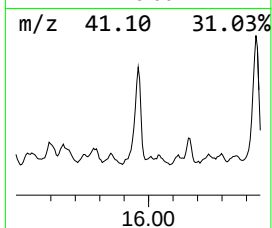
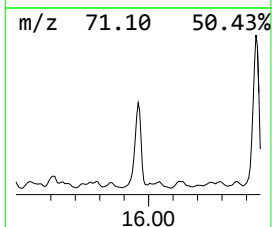
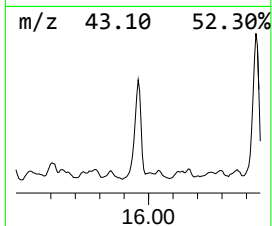
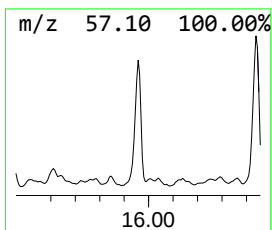
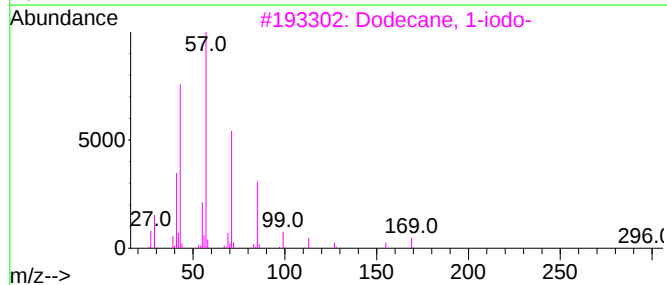
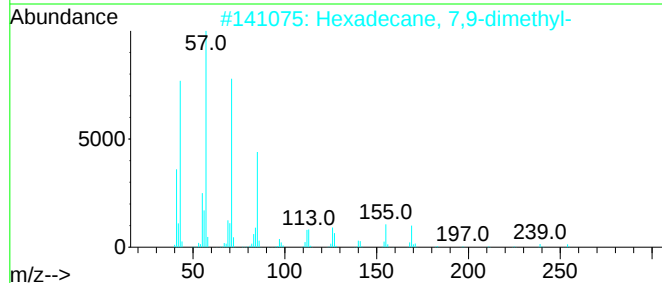
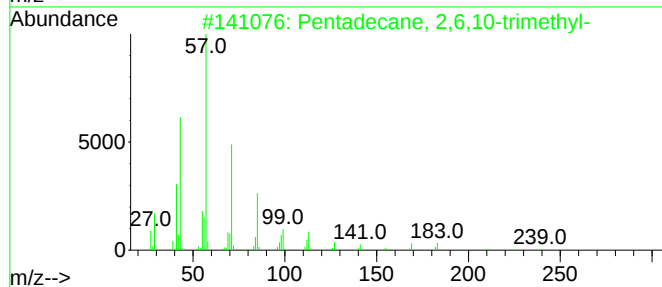
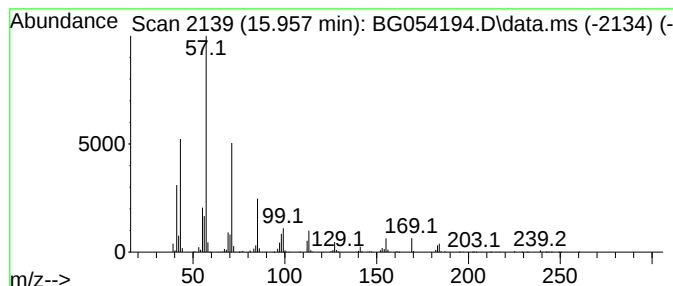
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ClientSampleId :
WC-14B-11-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.957	54.34 ng	2432140	Acenaphthene-d10		14.706	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	91
2	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	72
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	72
4	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

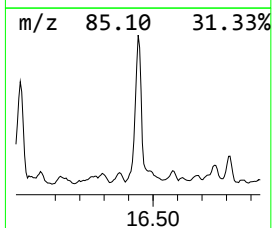
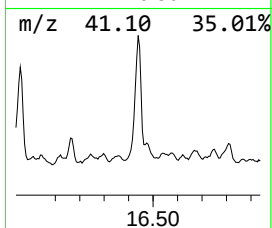
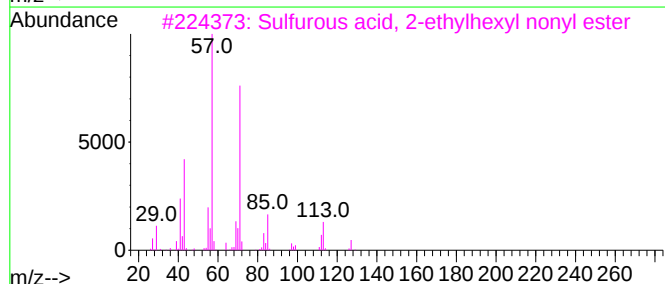
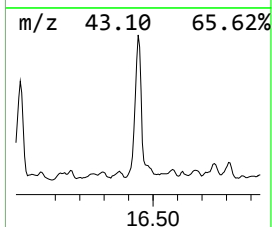
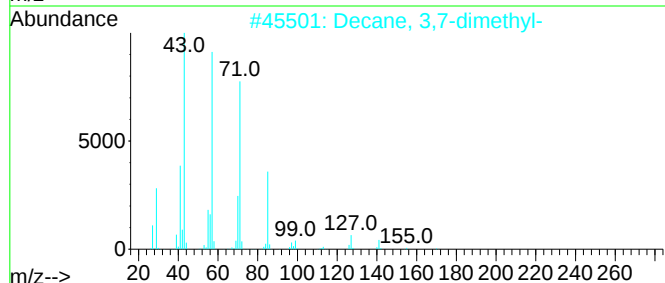
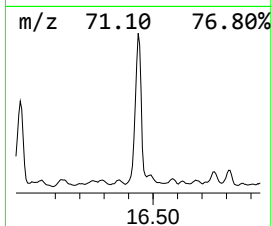
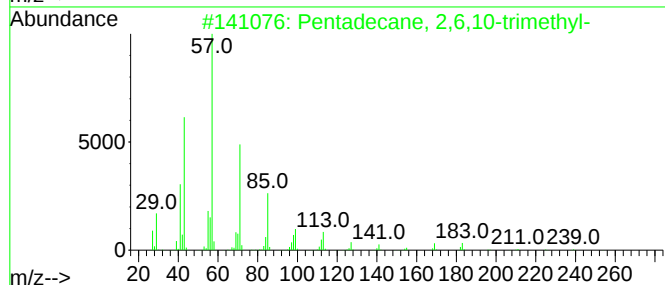
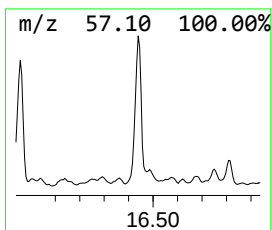
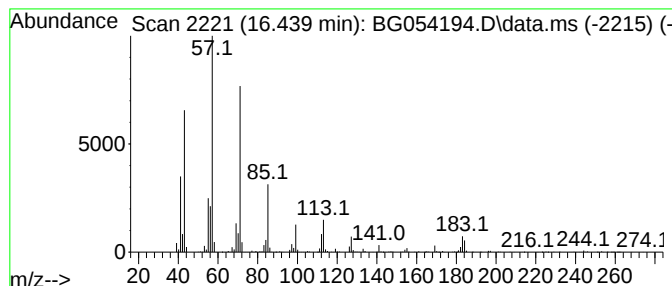
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	141.21 ng	3436250	Phenanthrene-d10	17.455

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	60
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

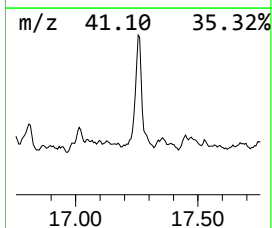
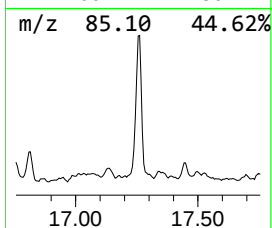
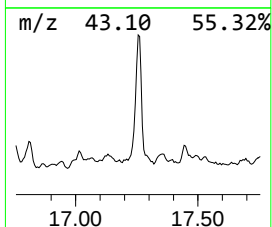
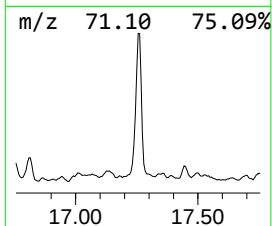
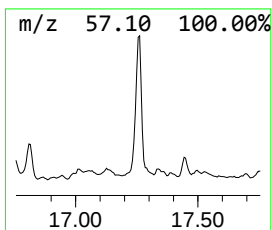
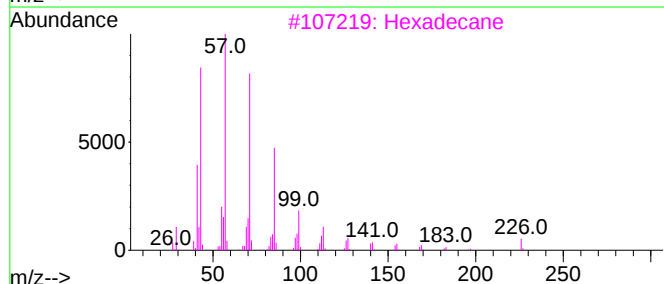
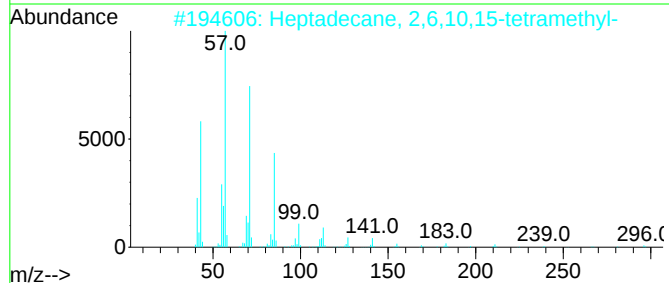
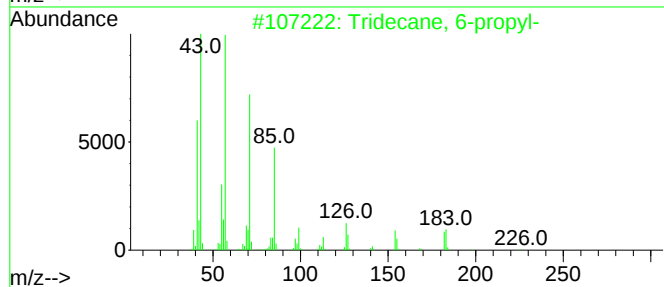
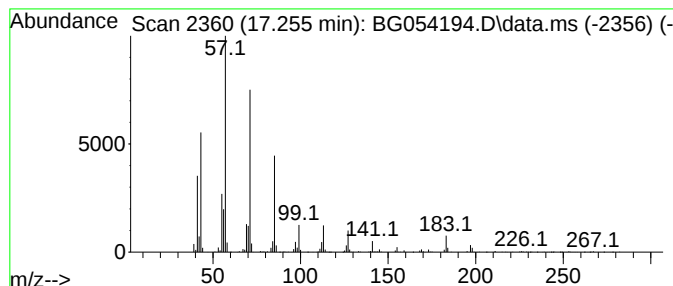
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.255	103.04 ng	2507330	Phenanthrene-d10	17.455

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

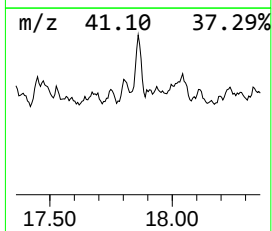
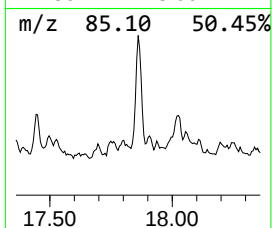
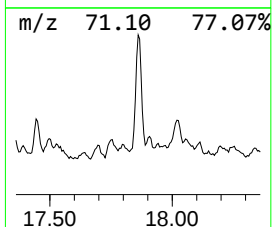
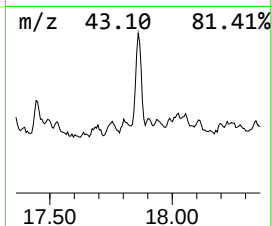
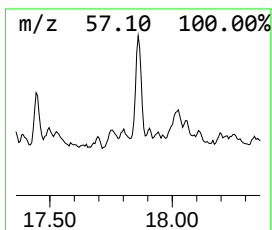
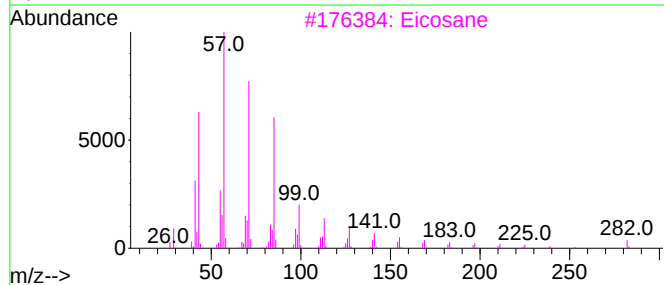
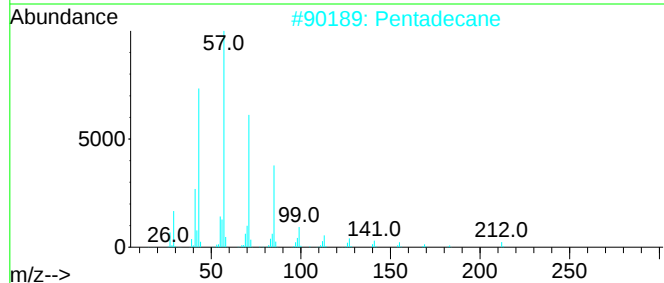
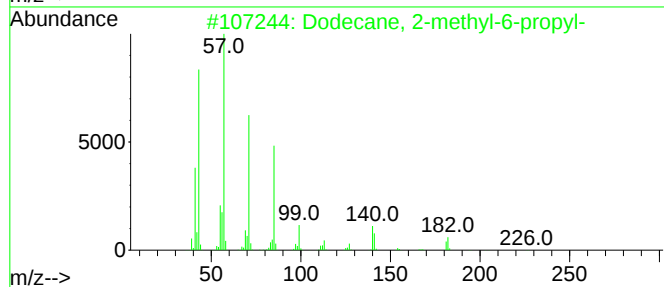
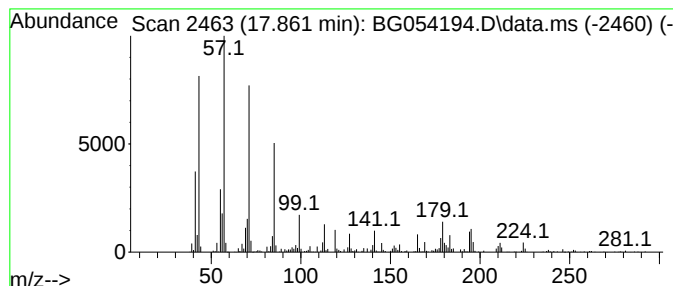
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.861	26.92 ng	655163	Phenanthrene-d10		17.455	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	70
2	Pentadecane		212	C15H32	000629-62-9	64
3	Eicosane		282	C20H42	000112-95-8	64
4	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	58
5	Heneicosane		296	C21H44	000629-94-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054194.D
Acq On : 1 Jul 2022 16:56
Operator : CG/JU
Sample : N3564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-11-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, pr...	6.715	23.9	ng	2844560	1	8.072	2382440	20.0
Carbonic acid, ...	9.559	21.9	ng	1067830	2	10.886	973291	20.0
Decane, 3,7-dim...	9.723	18.3	ng	889373	2	10.886	973291	20.0
Cyclohexane, pe...	10.011	25.0	ng	1216990	2	10.886	973291	20.0
Naphthalene, de...	10.070	28.2	ng	1370980	2	10.886	973291	20.0
Undecane, 6-met...	10.140	25.1	ng	1222170	2	10.886	973291	20.0
Benzene, 1-ethy...	10.293	25.7	ng	1249640	2	10.886	973291	20.0
Undecane, 2,6-d...	11.051	43.7	ng	2127430	2	10.886	973291	20.0
Cyclohexane, he...	11.597	30.8	ng	1498470	2	10.886	973291	20.0
Sulfurous acid,...	11.915	44.7	ng	2175520	2	10.886	973291	20.0
Dodecane, 2,6,1...	13.254	51.7	ng	2312740	3	14.706	895215	20.0
Naphthalene, 2,...	14.036	25.2	ng	1126840	3	14.706	895215	20.0
Naphthalene, 1,...	14.089	22.2	ng	991701	3	14.706	895215	20.0
Tritetracontane	14.194	55.0	ng	2461400	3	14.706	895215	20.0
Naphthalene, 2,...	15.105	23.2	ng	1037540	3	14.706	895215	20.0
Cyclohexane, oc...	15.228	31.7	ng	1420090	3	14.706	895215	20.0
Pentadecane, 2,...	15.957	54.3	ng	2432140	3	14.706	895215	20.0
Sulfurous acid,...	16.439	141.2	ng	3436250	4	17.455	486678	20.0
Tridecane, 6-pr...	17.255	103.0	ng	2507330	4	17.455	486678	20.0
Dodecane, 2-met...	17.861	26.9	ng	655163	4	17.455	486678	20.0