

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105336.D
 Acq On : 12 May 2018 14:44
 Operator : JU/SJ
 Sample : J2675-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	558	561	577	rBV	255146	345455	24.22%	1.369%
2	6.028	667	670	676	rVV3	49666	66267	4.65%	0.263%
3	6.310	715	718	721	rBV2	120052	122487	8.59%	0.485%
4	6.381	725	730	733	rBV2	55737	84980	5.96%	0.337%
5	6.416	733	736	741	rBV	287751	360070	25.25%	1.427%
6	6.457	741	743	750	rVB3	43715	79515	5.58%	0.315%
7	6.522	750	754	756	rBV3	61014	81552	5.72%	0.323%
8	6.551	756	759	766	rVB	422315	439869	30.84%	1.743%
9	6.616	766	770	773	rBV2	416395	460629	32.30%	1.826%
10	6.786	794	799	805	rVV2	969653	1062384	74.50%	4.210%
11	6.839	805	808	811	rVV	170308	160999	11.29%	0.638%
12	6.939	820	825	828	rVV2	421498	473048	33.17%	1.875%
13	7.057	842	845	848	rVB	200103	199311	13.98%	0.790%
14	7.086	848	850	851	rBV	98545	74212	5.20%	0.294%
15	7.104	851	853	854	rVV	133103	97036	6.80%	0.385%
16	7.122	854	856	860	rVB	154000	137794	9.66%	0.546%
17	7.175	861	865	868	rBV3	201448	248293	17.41%	0.984%
18	7.210	868	871	875	rVB4	48195	61536	4.32%	0.244%
19	7.251	875	878	880	rBV2	66142	71550	5.02%	0.284%
20	7.322	884	890	892	rBV2	200828	263488	18.48%	1.044%
21	7.345	892	894	898	rVV2	236244	329015	23.07%	1.304%
22	7.381	898	900	904	rVB	970069	737306	51.70%	2.922%
23	7.434	904	909	912	rVB5	175032	243253	17.06%	0.964%
24	7.469	912	915	917	rBV2	86117	112592	7.90%	0.446%
25	7.498	917	920	923	rVB2	84442	87137	6.11%	0.345%
26	7.563	928	931	933	rVV3	125776	138970	9.74%	0.551%
27	7.586	933	935	939	rVB2	192423	207759	14.57%	0.823%
28	7.669	945	949	950	rBV2	77743	80712	5.66%	0.320%
29	7.686	950	952	954	rVV2	168646	148429	10.41%	0.588%
30	7.710	954	956	960	rVV3	182617	185638	13.02%	0.736%
31	7.751	960	963	965	rVB2	127964	139089	9.75%	0.551%
32	7.781	965	968	970	rBV3	141113	123574	8.67%	0.490%
33	7.816	970	974	979	rVB2	245101	349991	24.54%	1.387%
34	7.863	979	982	983	rBV	105077	79709	5.59%	0.316%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
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35	7.886	983	986	988	rVV3	70830	72151	5.06%	0.286%
36	7.910	988	990	992	rVB	110547	83823	5.88%	0.332%
37	7.939	992	995	998	rVB2	93060	99522	6.98%	0.394%
38	7.969	998	1000	1002	rBV2	68286	55649	3.90%	0.221%
39	8.016	1003	1008	1010	rBV4	100174	145217	10.18%	0.576%
40	8.051	1010	1014	1015	rVV	1171254	1007341	70.64%	3.992%
41	8.069	1015	1017	1023	rVV	1459876	1367304	95.88%	5.419%
42	8.128	1023	1027	1029	rVB	504122	468798	32.87%	1.858%
43	8.157	1029	1032	1034	rBV2	111405	95281	6.68%	0.378%
44	8.222	1040	1043	1044	rBV3	62032	59713	4.19%	0.237%
45	8.239	1044	1046	1048	rVV3	64421	62222	4.36%	0.247%
46	8.269	1048	1051	1053	rVV3	136901	142874	10.02%	0.566%
47	8.310	1056	1058	1061	rVV3	47372	57226	4.01%	0.227%
48	8.357	1061	1066	1073	rVV5	288749	410352	28.77%	1.626%
49	8.410	1073	1075	1078	rVV3	133233	127189	8.92%	0.504%
50	8.445	1078	1081	1085	rVB4	205822	209939	14.72%	0.832%
51	8.486	1085	1088	1090	rBV	600842	470287	32.98%	1.864%
52	8.510	1090	1092	1094	rVV	103248	97051	6.81%	0.385%
53	8.528	1094	1095	1100	rVB4	74290	62140	4.36%	0.246%
54	8.569	1100	1102	1105	rBV2	190130	171716	12.04%	0.681%
55	8.604	1105	1108	1110	rBV3	57196	65941	4.62%	0.261%
56	8.657	1114	1117	1121	rVV	986594	767547	53.82%	3.042%
57	8.728	1125	1129	1131	rVV4	155766	188270	13.20%	0.746%
58	8.751	1131	1133	1136	rVB2	130922	129758	9.10%	0.514%
59	8.780	1136	1138	1141	rVB	96465	67553	4.74%	0.268%
60	8.839	1146	1148	1151	rBV3	66525	84482	5.92%	0.335%
61	8.886	1152	1156	1159	rVV3	133884	139852	9.81%	0.554%
62	8.939	1163	1165	1168	rVV3	64339	71420	5.01%	0.283%
63	8.975	1168	1171	1175	rVB5	101537	132670	9.30%	0.526%
64	9.022	1175	1179	1183	rVB4	111737	142774	10.01%	0.566%
65	9.057	1183	1185	1187	rVB	89394	67021	4.70%	0.266%
66	9.086	1187	1190	1193	rBV	377488	307959	21.59%	1.220%
67	9.139	1196	1199	1204	rVB	591031	523286	36.69%	2.074%
68	9.222	1209	1213	1216	rBV	719067	637256	44.69%	2.526%
69	9.292	1223	1225	1228	rVB3	76493	57085	4.00%	0.226%
70	9.410	1241	1245	1250	rVB5	64579	74124	5.20%	0.294%
71	9.475	1254	1256	1258	rVV2	93020	90082	6.32%	0.357%

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72	9.498	1258	1260	1263	rVV2	96419	98288	6.89%	0.390%
73	9.539	1263	1267	1270	rVV3	397603	468894	32.88%	1.858%
74	9.598	1275	1277	1281	rVB3	78480	64577	4.53%	0.256%
75	9.686	1289	1292	1295	rBV4	55597	67753	4.75%	0.269%
76	9.733	1297	1300	1301	rBV	80603	85962	6.03%	0.341%
77	9.751	1301	1303	1308	rVB	430386	331184	23.22%	1.313%
78	9.822	1308	1315	1320	rBV2	1528939	1426077	100.00%	5.652%
79	9.980	1337	1342	1345	rVV5	39697	67359	4.72%	0.267%
80	10.010	1345	1347	1351	rVV3	59445	83750	5.87%	0.332%
81	10.075	1354	1358	1362	rVV4	69614	108278	7.59%	0.429%
82	10.251	1381	1388	1391	rBV2	264418	308911	21.66%	1.224%
83	10.310	1395	1398	1402	rVV3	61768	62051	4.35%	0.246%
84	10.469	1420	1425	1432	rVB	115152	139451	9.78%	0.553%
85	10.610	1443	1449	1455	rBV	373470	372572	26.13%	1.477%
86	10.733	1465	1470	1474	rBV3	187692	296617	20.80%	1.176%
87	11.174	1542	1545	1547	rBV	109264	89692	6.29%	0.355%
88	11.204	1547	1550	1555	rVB	67111	73429	5.15%	0.291%
89	11.310	1564	1568	1584	rBV	1514498	1382986	96.98%	5.481%
90	11.598	1614	1617	1620	rVV	75101	58867	4.13%	0.233%
91	12.192	1714	1718	1723	rVB	65860	65974	4.63%	0.261%
92	12.398	1749	1753	1758	rBV2	57085	72081	5.05%	0.286%
93	12.698	1801	1804	1809	rVB	76674	82133	5.76%	0.326%
94	12.898	1834	1838	1846	rVB	610700	564169	39.56%	2.236%
95	13.174	1882	1885	1889	rBV	79108	82603	5.79%	0.327%
96	13.633	1960	1963	1969	rVB	74894	88451	6.20%	0.351%
97	13.998	2021	2025	2034	rVB	942691	948107	66.48%	3.757%
98	14.086	2036	2040	2043	rBV	59908	65232	4.57%	0.259%
99	14.521	2110	2114	2117	rBV3	66352	92272	6.47%	0.366%
100	15.545	2283	2288	2293	rBV	696401	918488	64.41%	3.640%

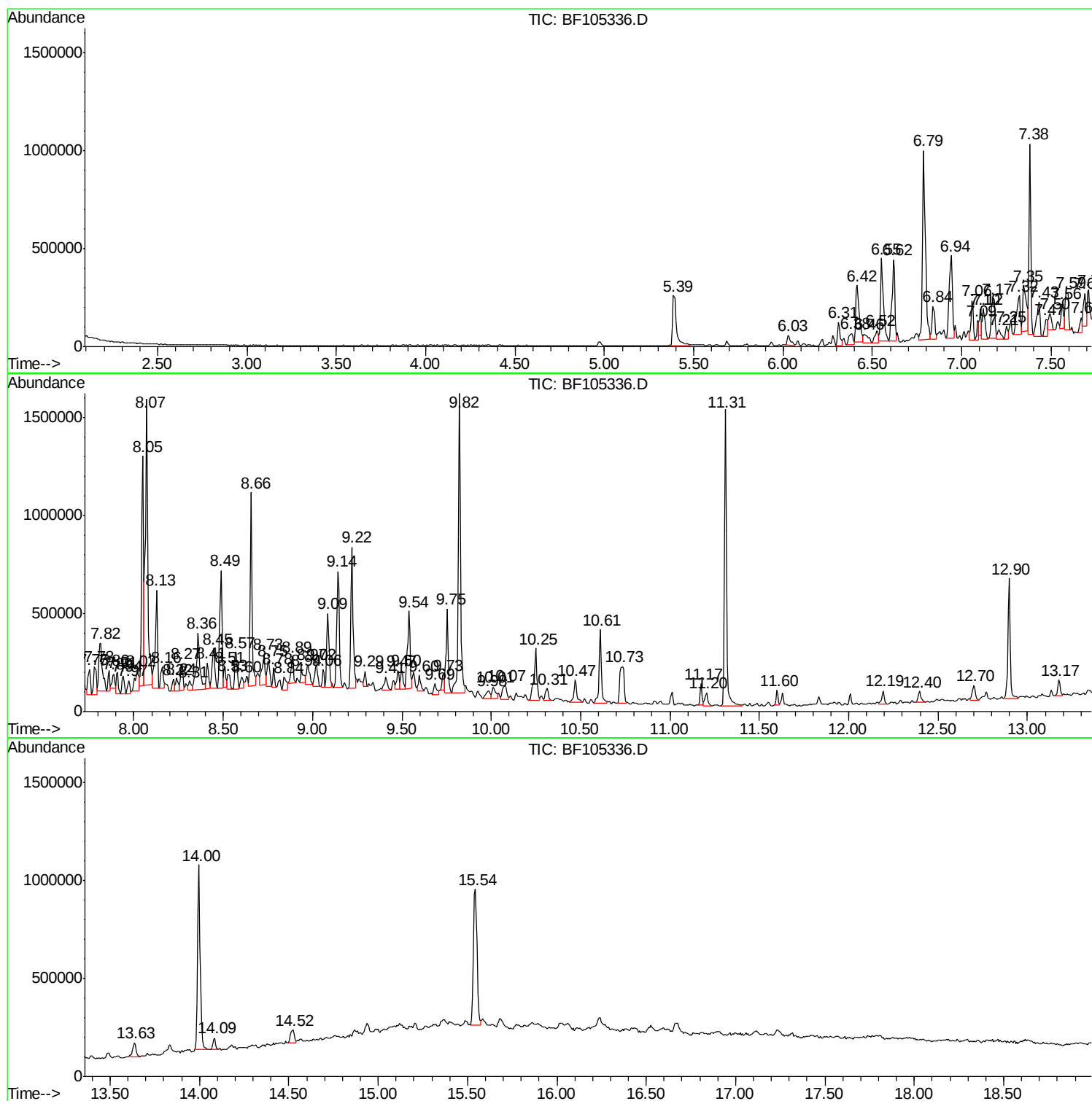
Sum of corrected areas: 25232732

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Instrument :
BNA_F
ClientSampled :
HR-06-051018-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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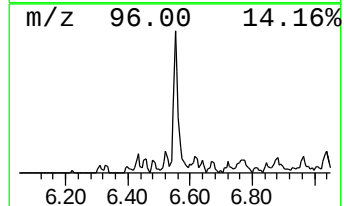
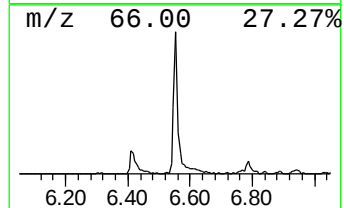
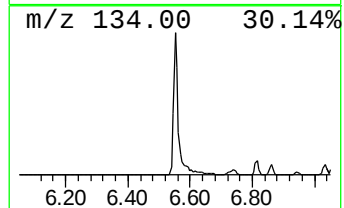
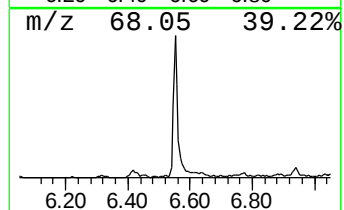
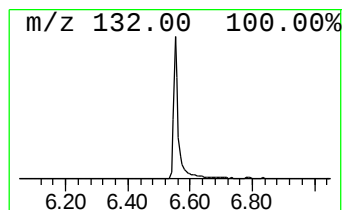
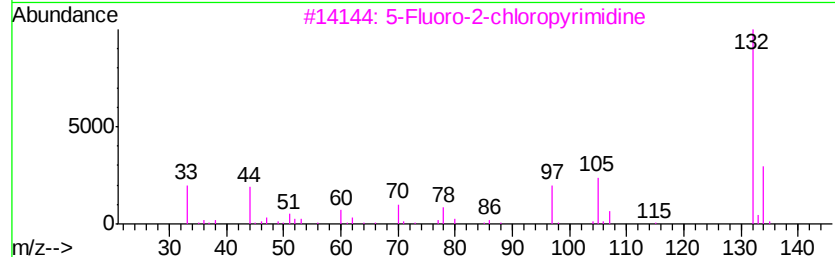
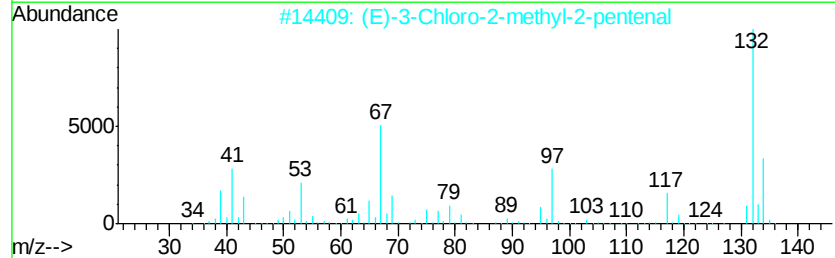
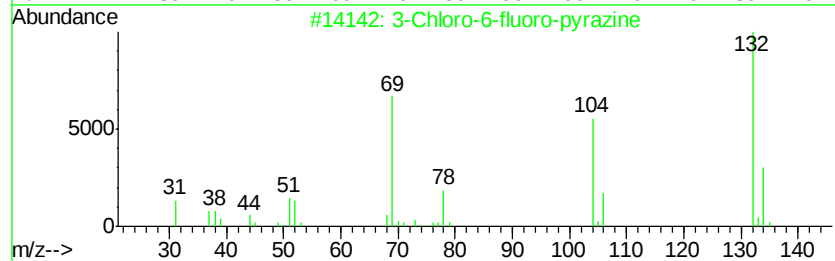
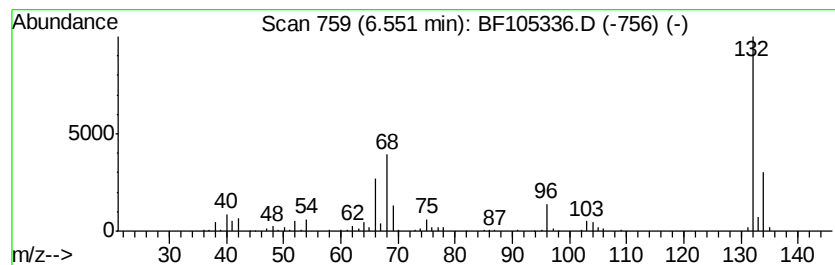
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	8.28 ng	439869	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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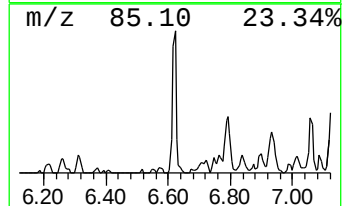
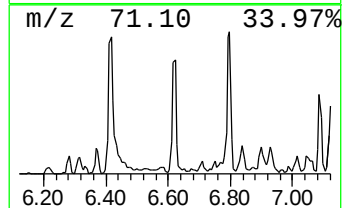
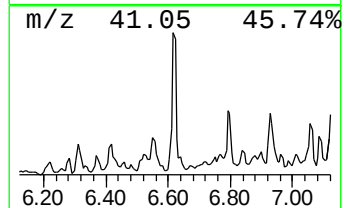
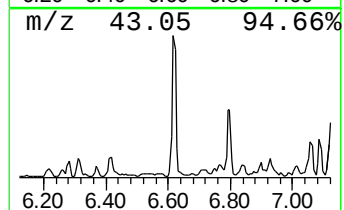
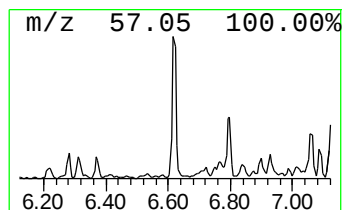
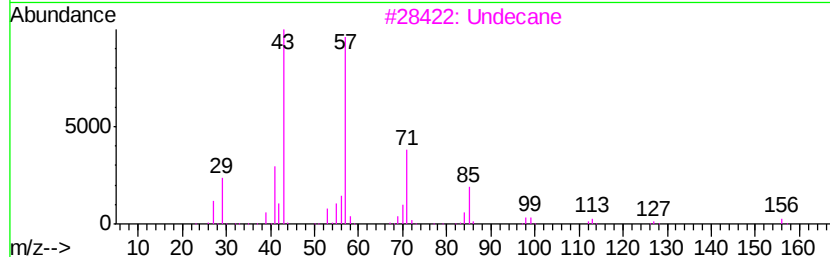
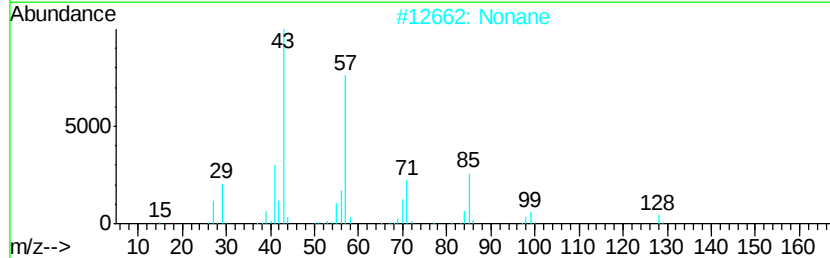
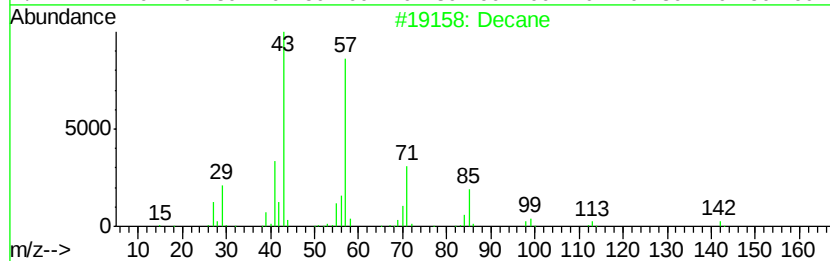
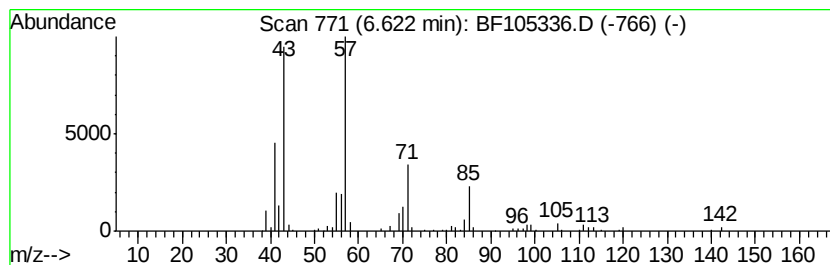
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.67 ng	460629	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	59
2	Nonane			128	C9H20	000111-84-2	59
3	Undecane			156	C11H24	001120-21-4	59
4	1-Iodo-2-methylundecane			296	C12H25I	073105-67-6	59
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	50



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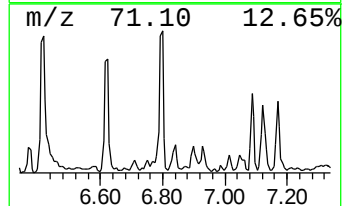
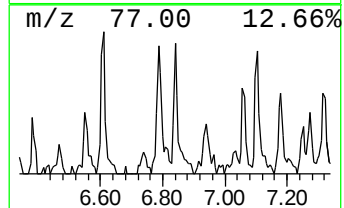
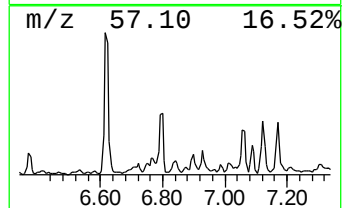
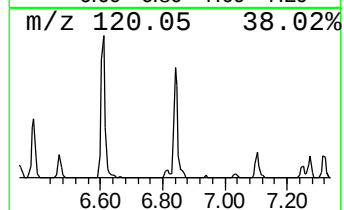
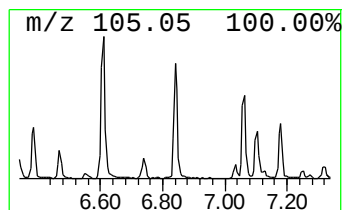
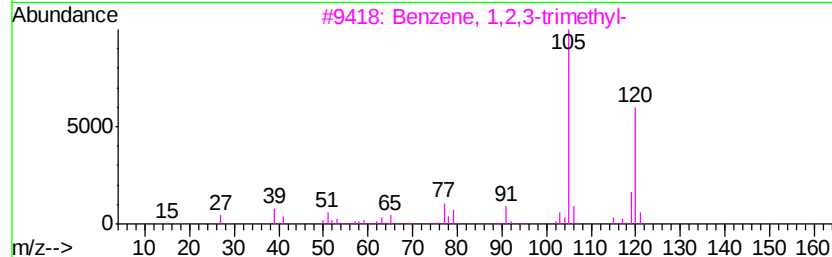
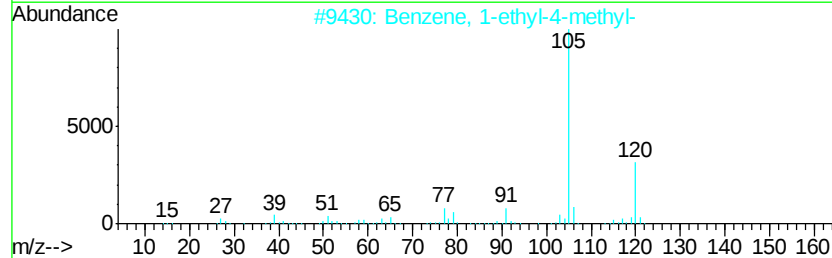
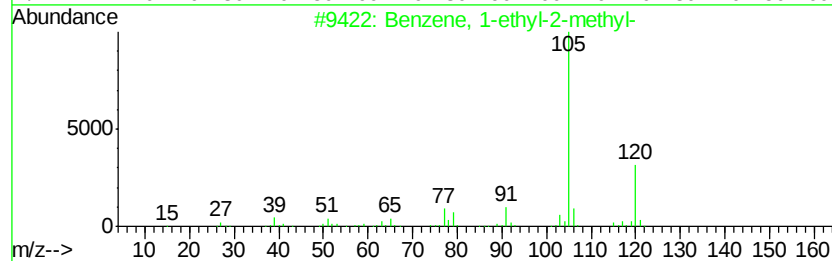
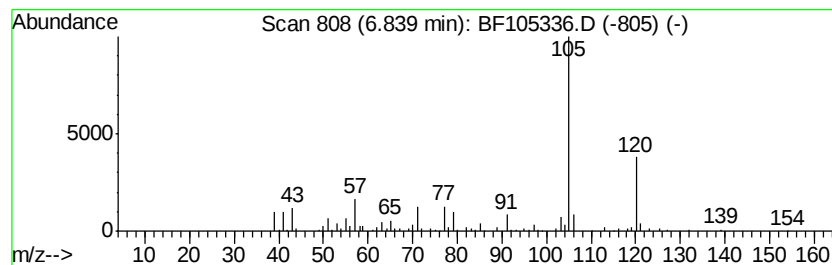
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	3.03 ng	160999	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5		2,4-Nonadiyne	120	C9H12	063621-15-8	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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Acq On : 12 May 2018 14:44
Operator : JU/SJ
Sample : J2675-03 10X
Misc :
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ClientSampleId :
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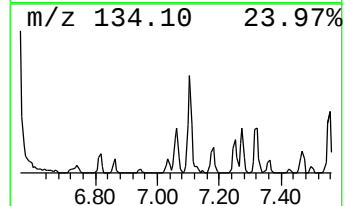
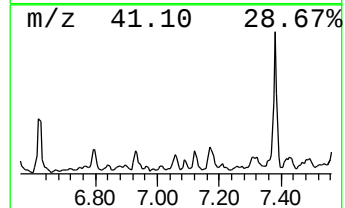
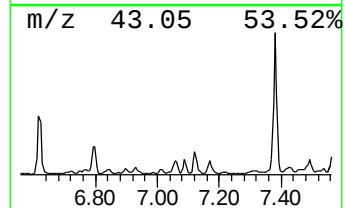
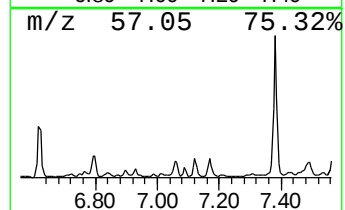
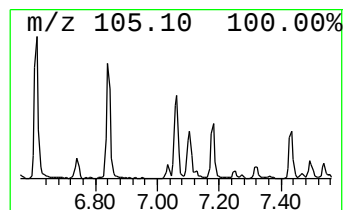
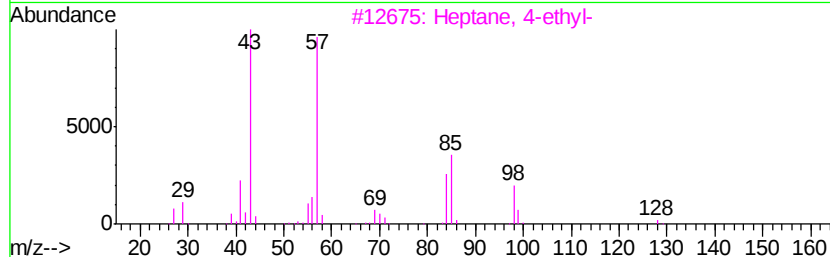
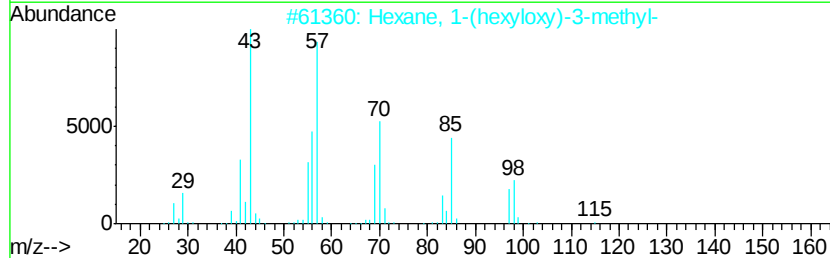
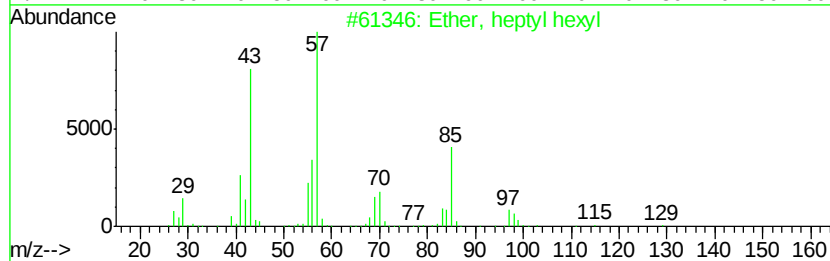
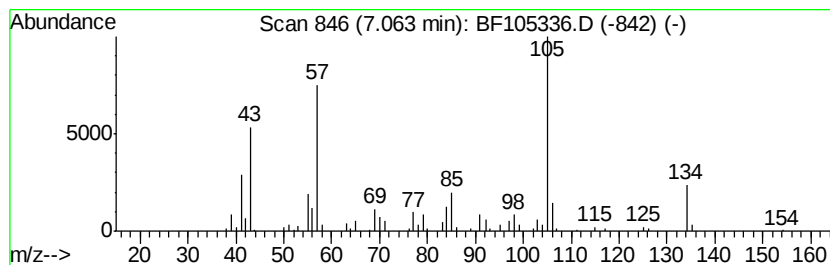
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	3.75 ng	199311	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
2		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	38
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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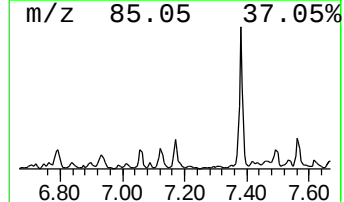
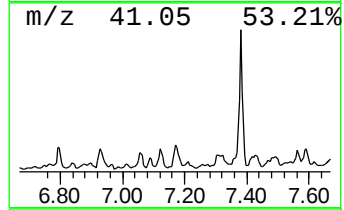
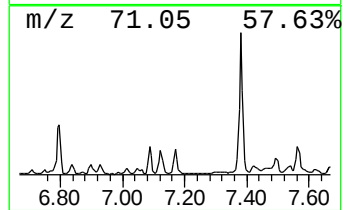
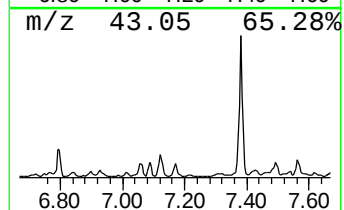
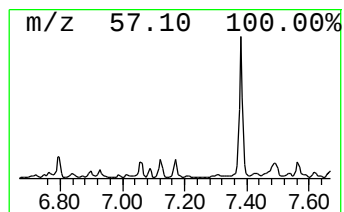
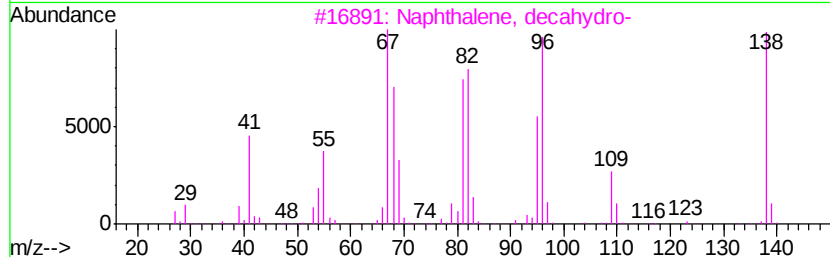
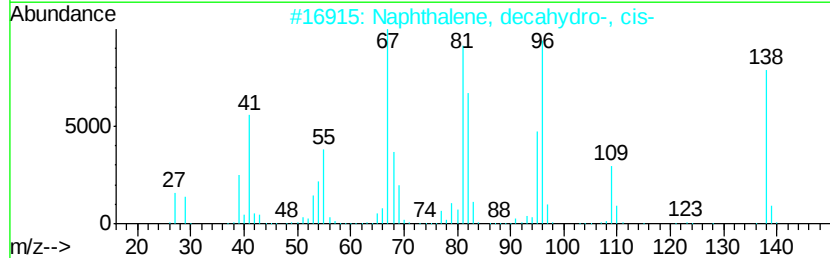
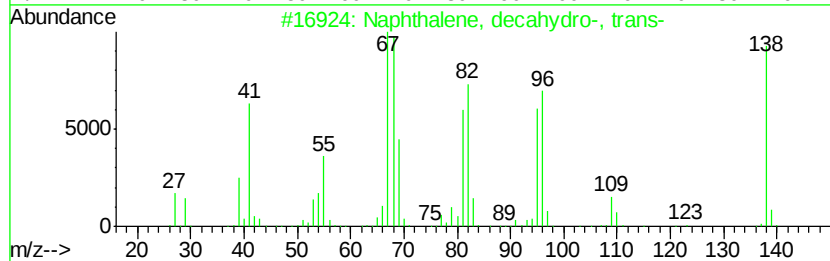
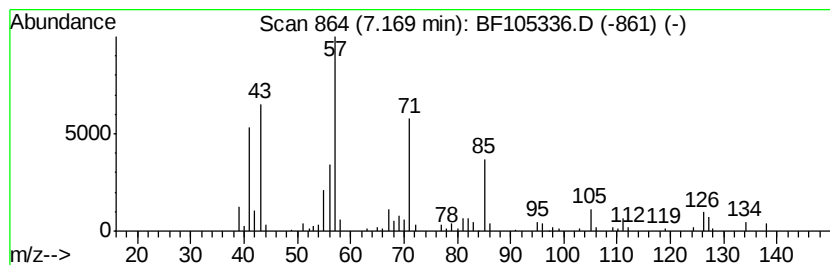
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	4.67 ng	248293	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	50
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	46
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	42
4		Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	38
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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Acq On : 12 May 2018 14:44
Operator : JU/SJ
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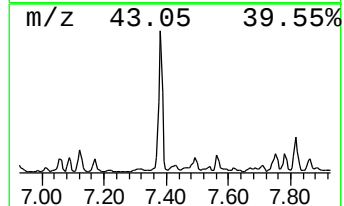
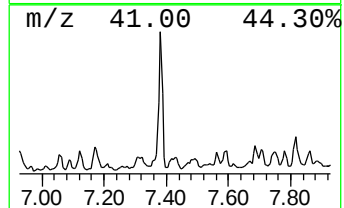
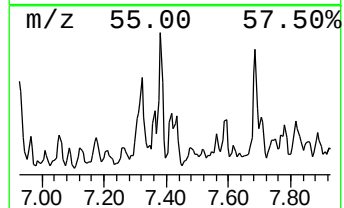
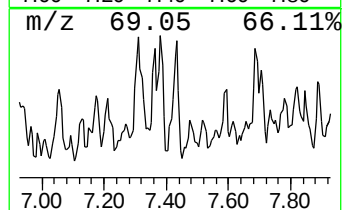
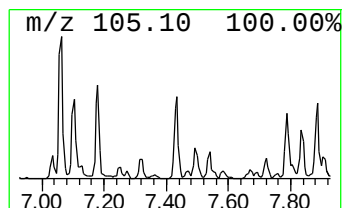
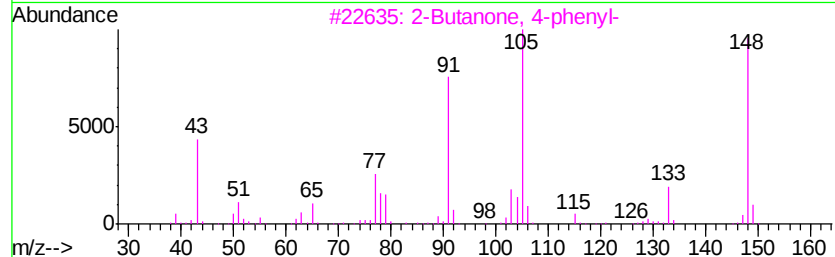
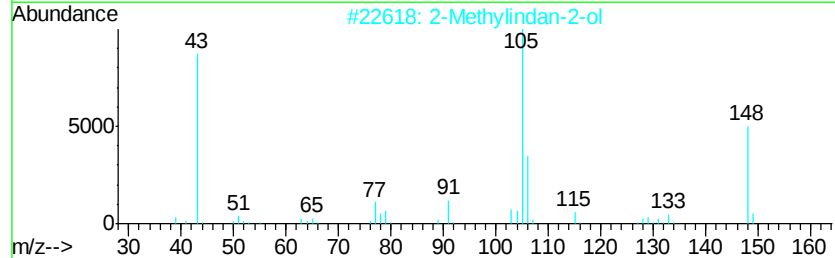
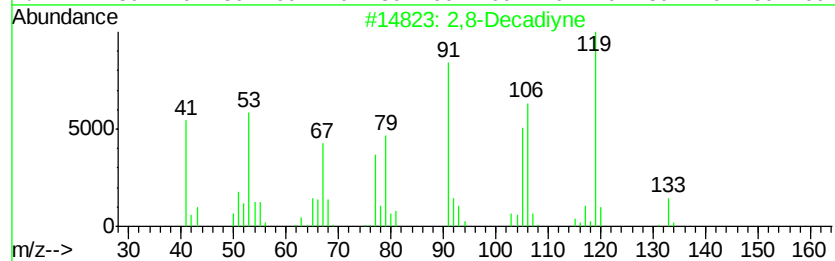
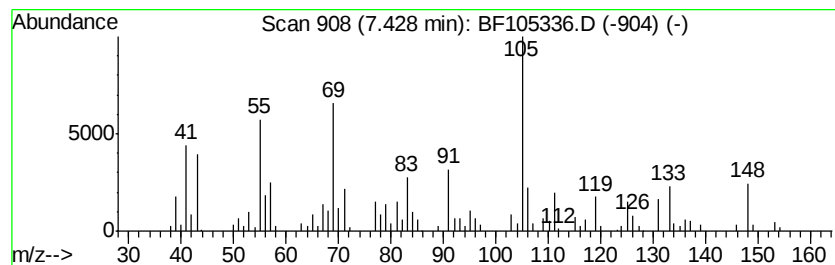
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown7.43 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.56 ng	243253	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,8-Decadiyne	134	C10H14	004116-93-2	46
2		2-Methylindan-2-ol	148	C10H12O	033223-84-6	41
3		2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38
4		4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	38
5		4-Methylphenyl acetone	148	C10H12O	002096-86-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105336.D
Acq On : 12 May 2018 14:44
Operator : JU/SJ
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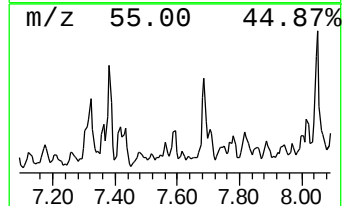
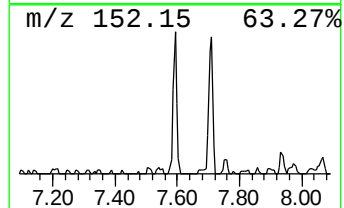
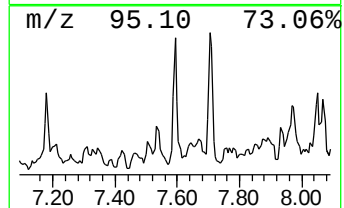
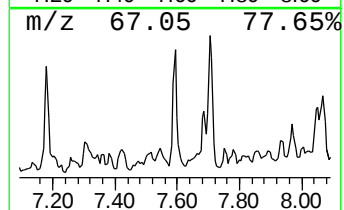
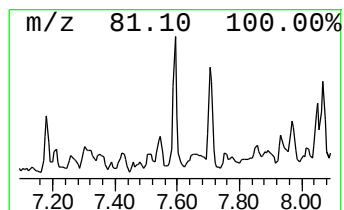
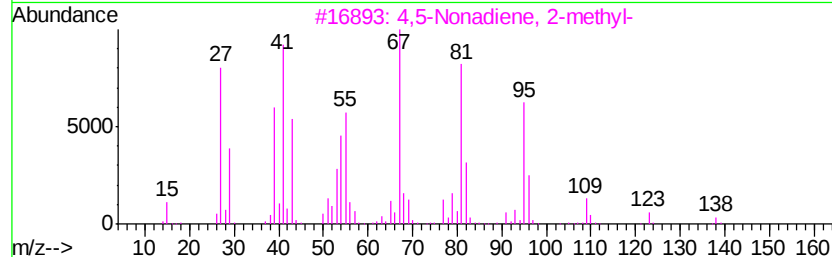
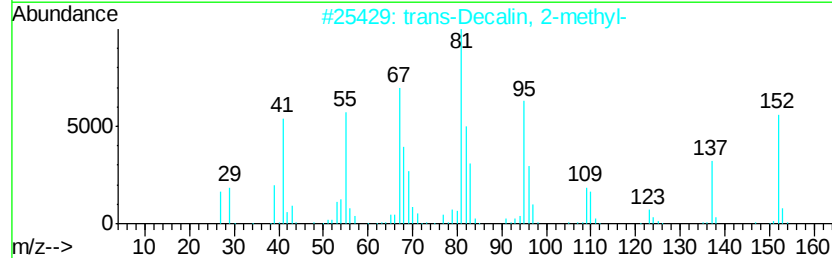
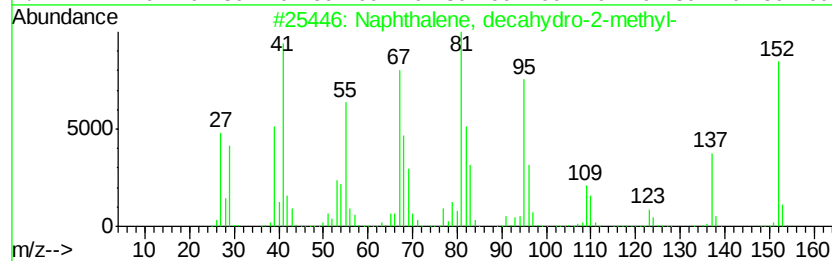
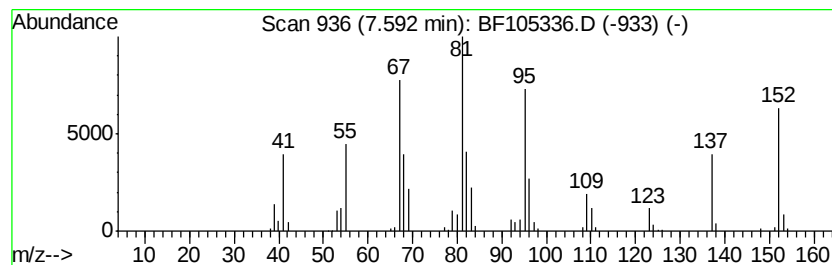
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.04 ng	207759	Naphthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
3			4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	83
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	78
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
Data File : BF105336.D
Acq On : 12 May 2018 14:44
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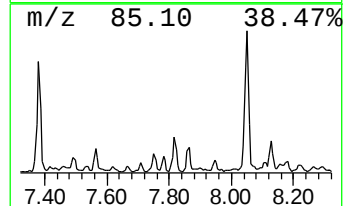
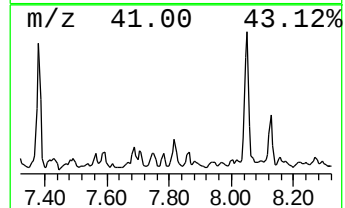
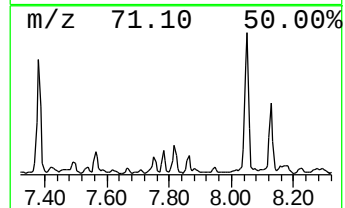
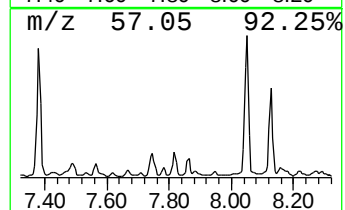
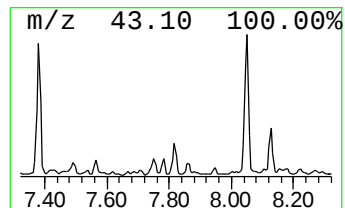
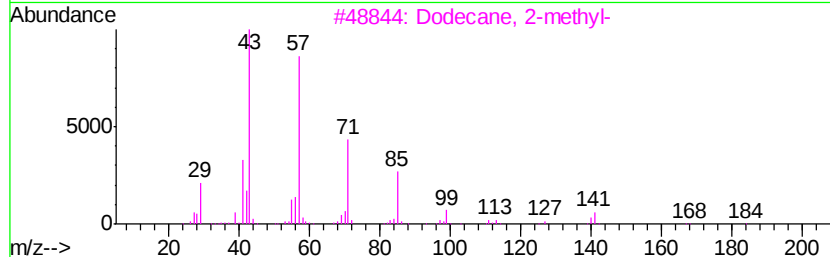
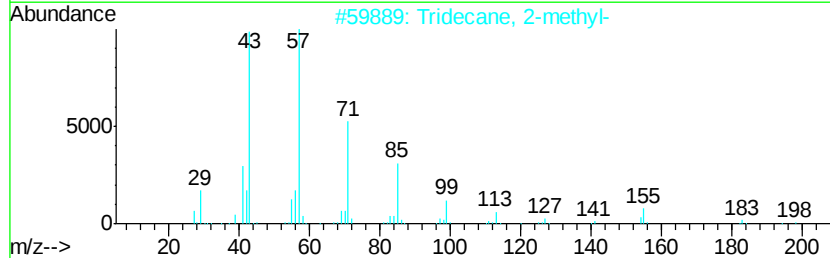
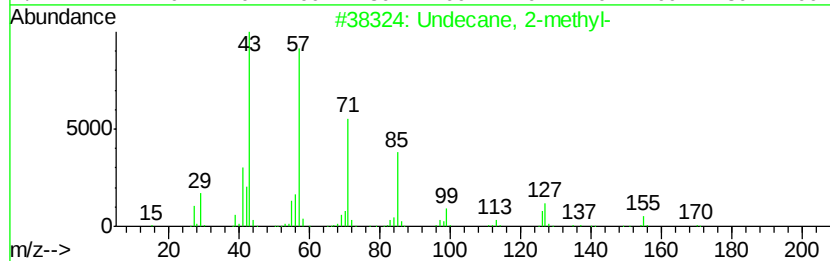
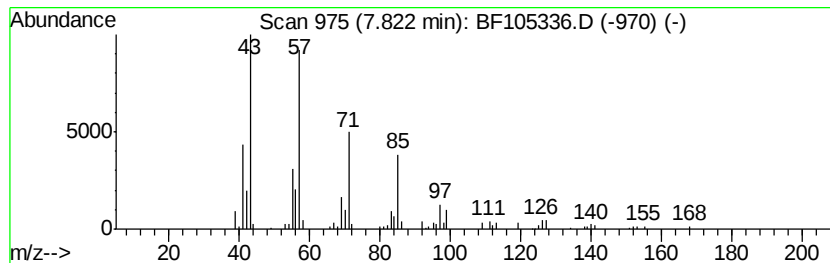
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	5.12 ng	349991	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	52
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
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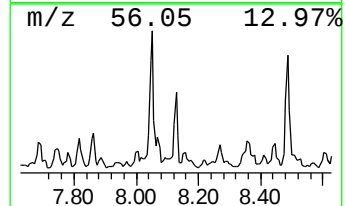
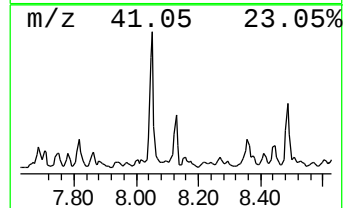
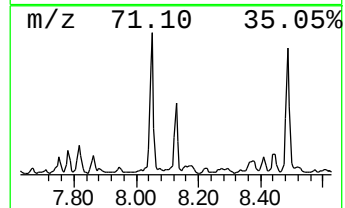
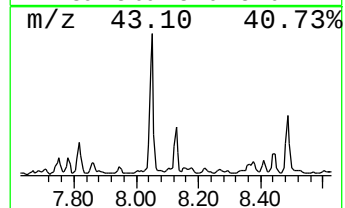
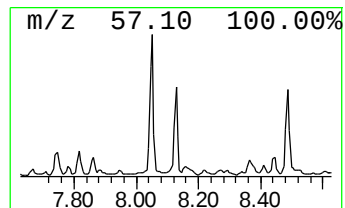
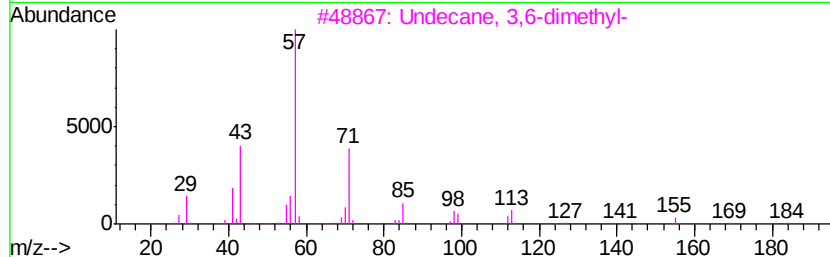
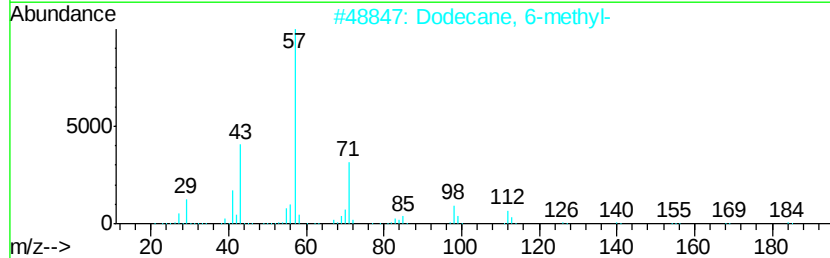
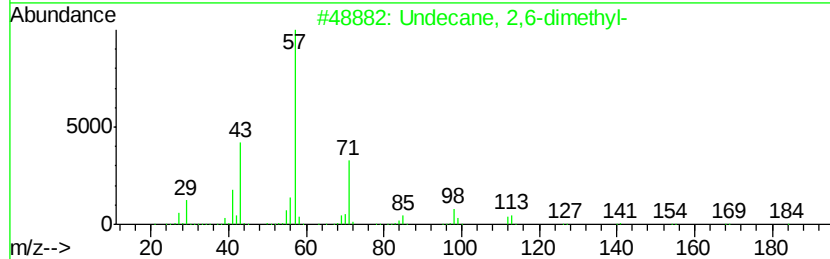
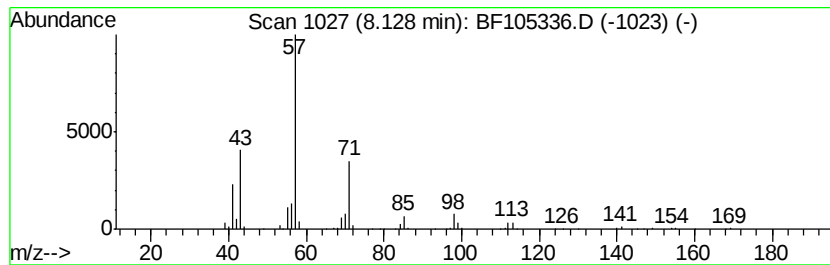
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	6.86 ng	468798	Napthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-			184	C13H28	017301-23-4	86
2	Dodecane, 6-methyl-			184	C13H28	006044-71-9	80
3	Undecane, 3,6-dimethyl-			184	C13H28	017301-28-9	78
4	Decane, 2,6,8-trimethyl-			184	C13H28	062108-26-3	64
5	Tridecane, 6-methyl-			198	C14H30	013287-21-3	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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Acq On : 12 May 2018 14:44
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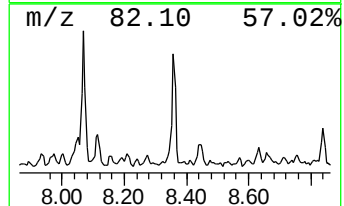
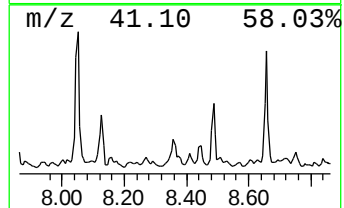
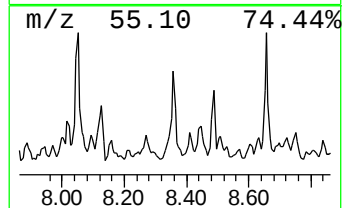
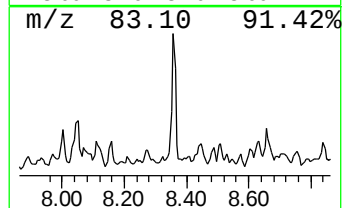
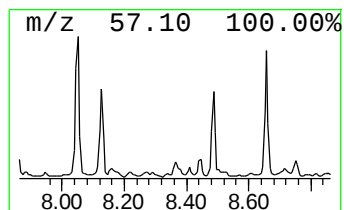
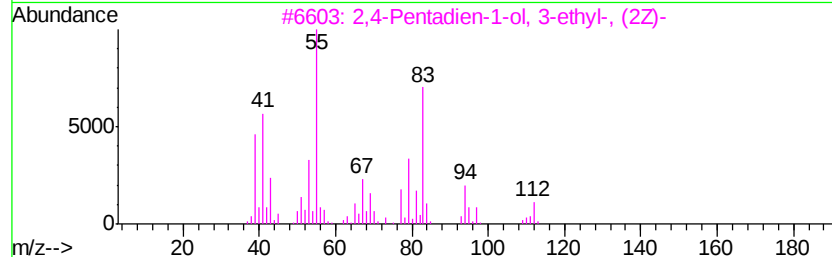
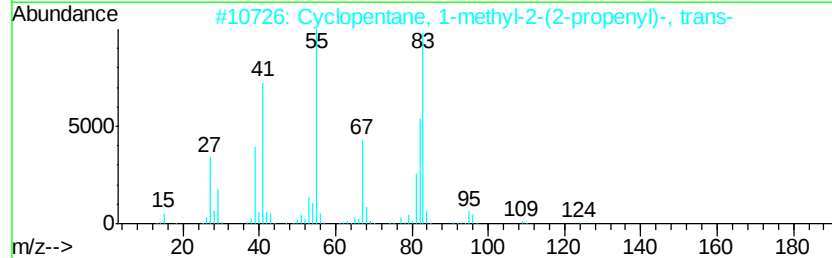
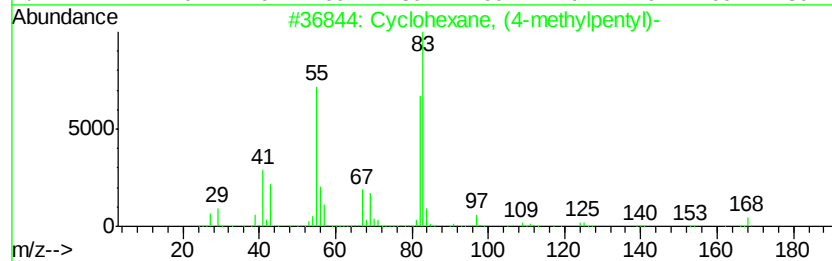
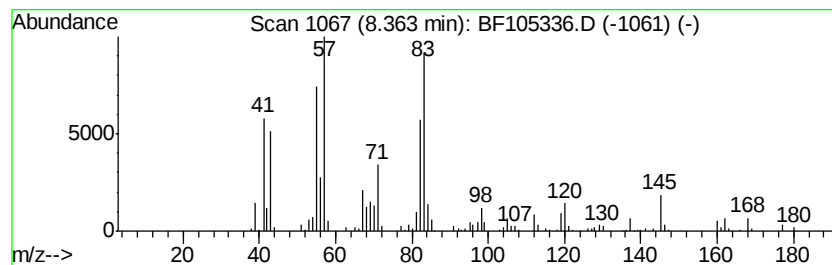
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	6.00 ng	410352	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2		Cyclopentane, 1-methyl-2-(2-propenyl)-	124	C9H16	050746-53-7	53
3		2,4-Pentadien-1-ol, 3-ethyl-, (2Z)-	112	C7H12O	1000142-17-6	46
4		1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	38
5		Cyclopentane, 1-methyl-3-(1-methyl-2-propenyl)-	126	C9H18	053771-88-3	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105336.D
Acq On : 12 May 2018 14:44
Operator : JU/SJ
Sample : J2675-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

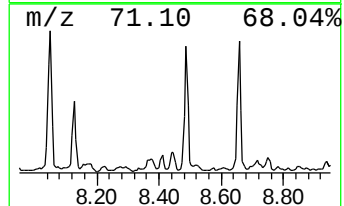
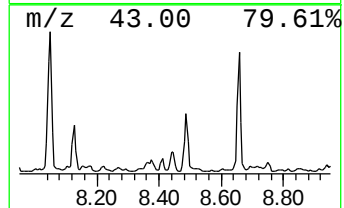
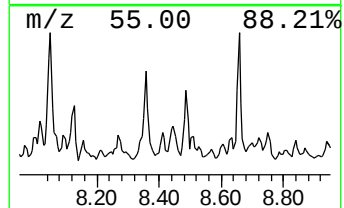
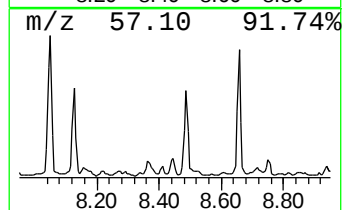
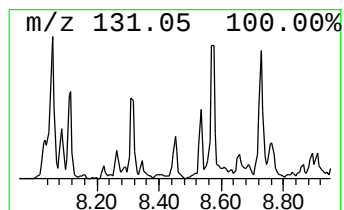
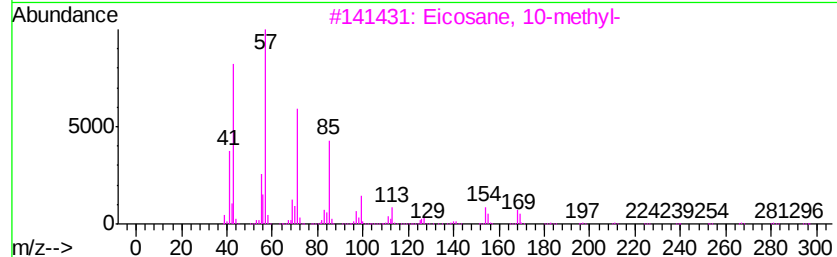
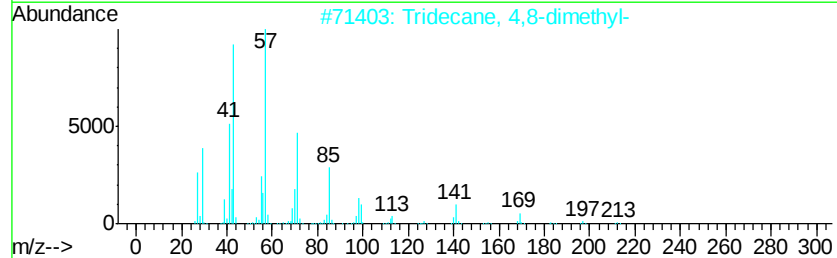
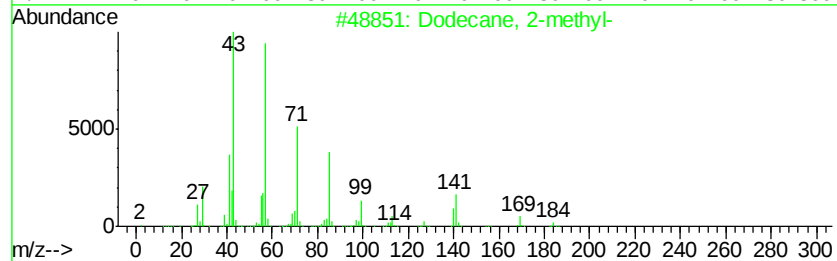
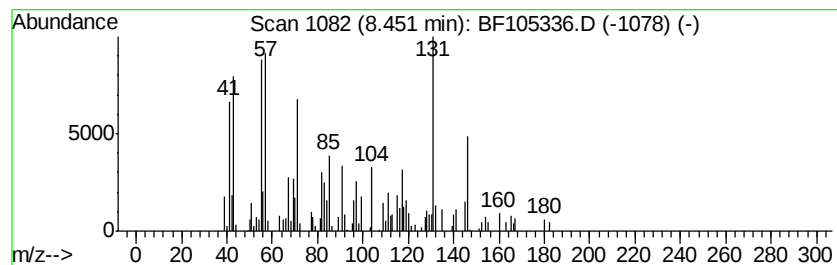
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.07 ng	209939	Napthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	53
2	Tridecane, 4,8-dimethyl-	212 C15H32	055030-62-1	53
3	Eicosane, 10-methyl-	296 C21H44	054833-23-7	52
4	Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7	52
5	Hexadecane	226 C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
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Operator : JU/SJ
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ClientSampleId :
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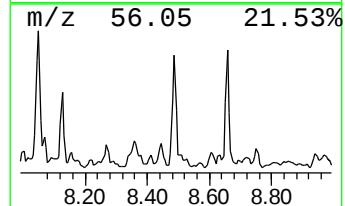
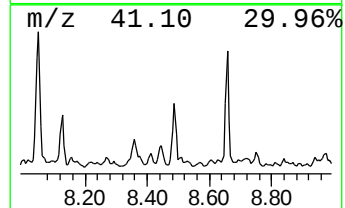
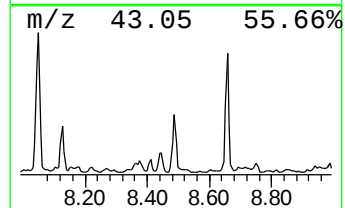
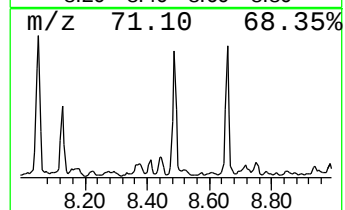
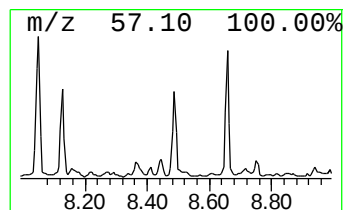
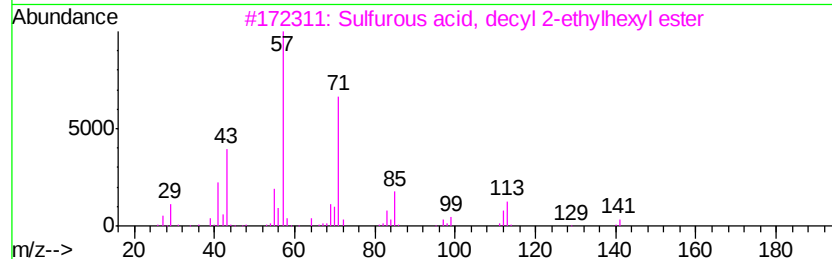
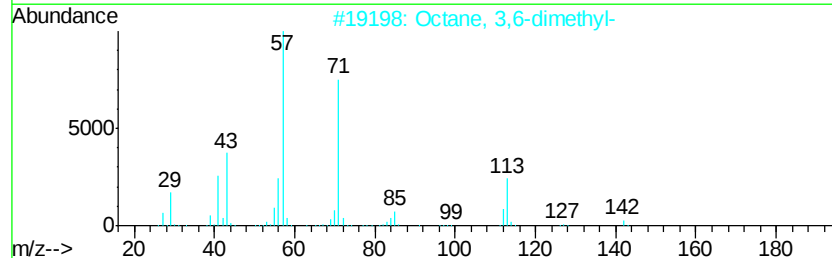
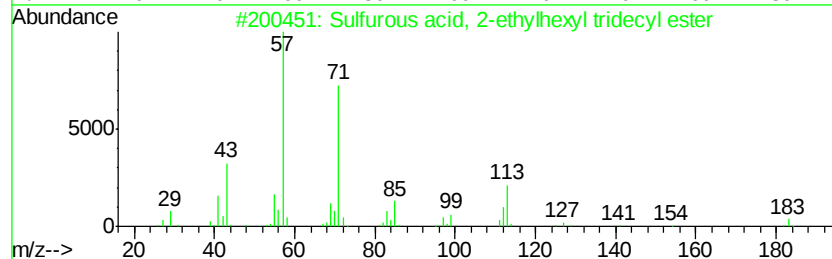
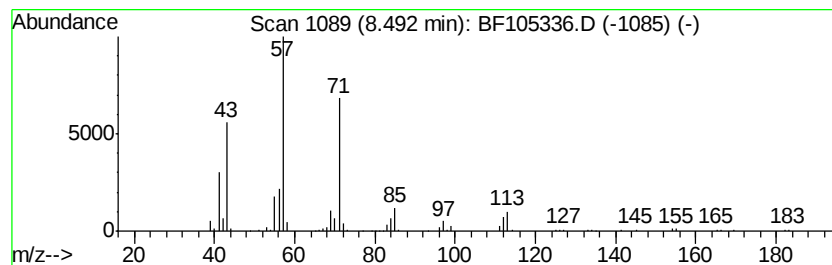
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	6.88 ng	470287	Naphthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105336.D
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ALS Vial : 6 Sample Multiplier: 1

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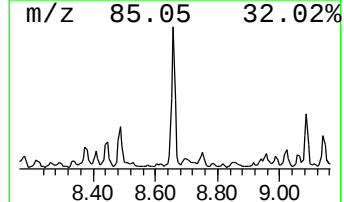
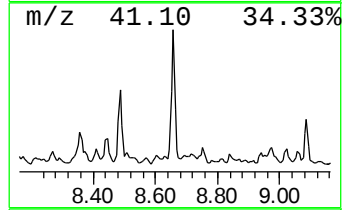
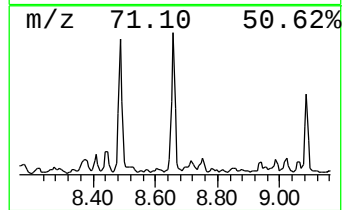
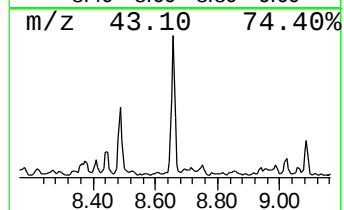
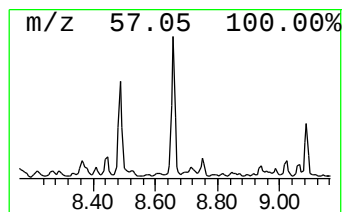
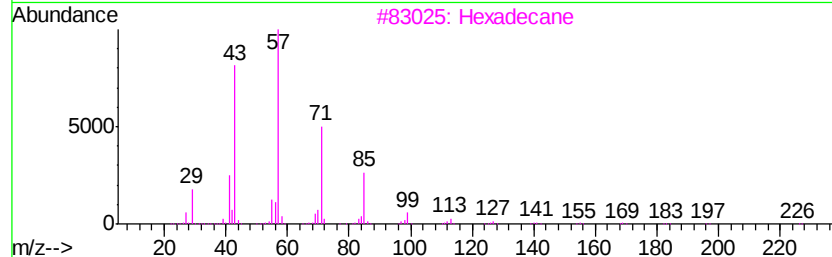
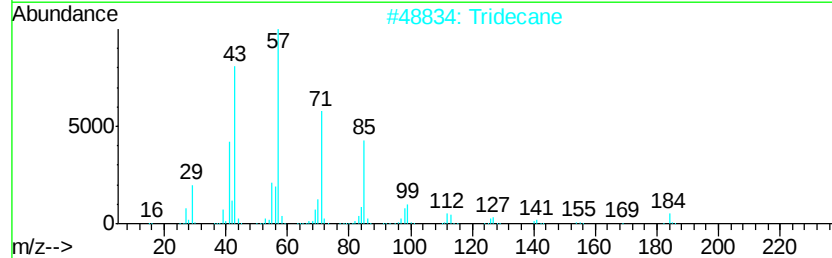
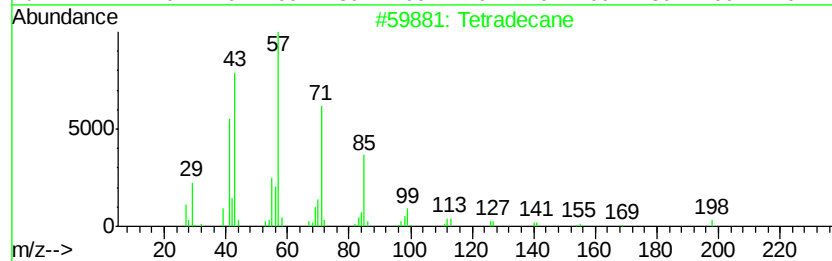
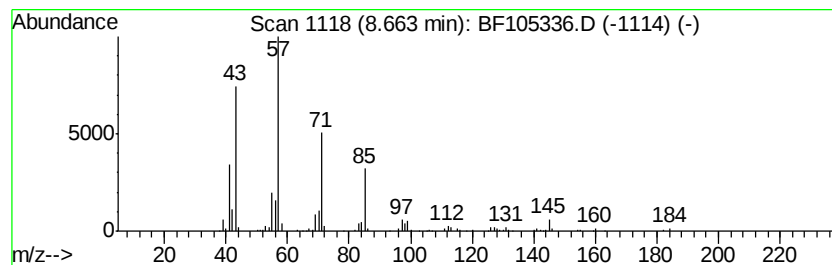
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	11.23 ng	767547	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane	170	C12H26	000112-40-3	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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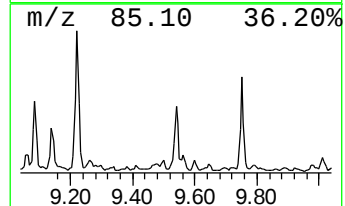
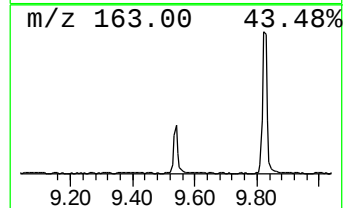
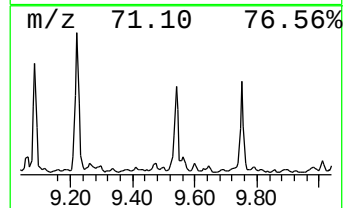
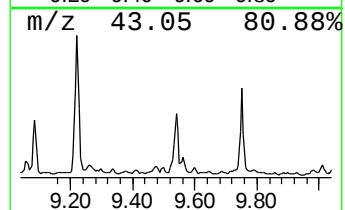
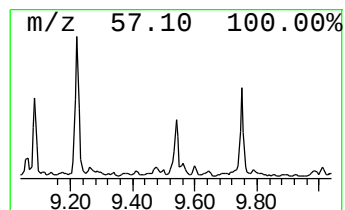
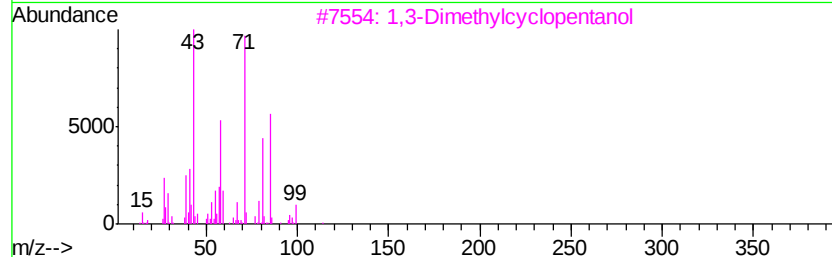
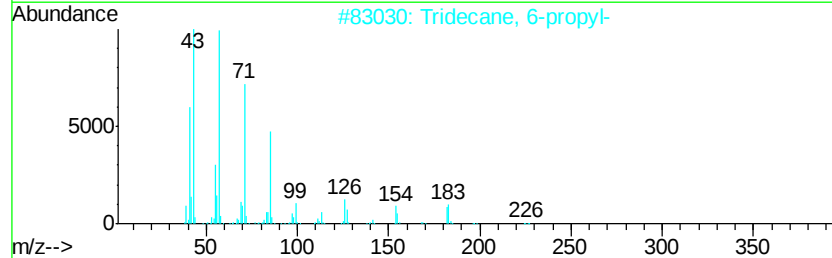
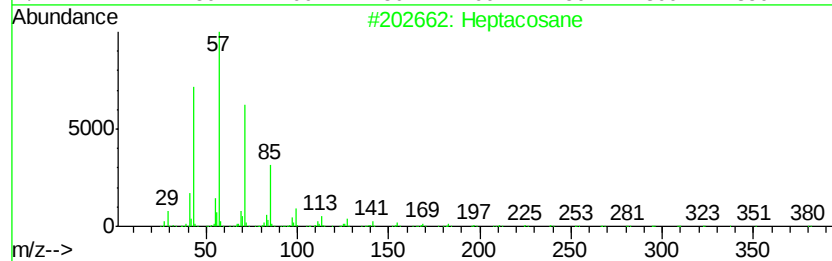
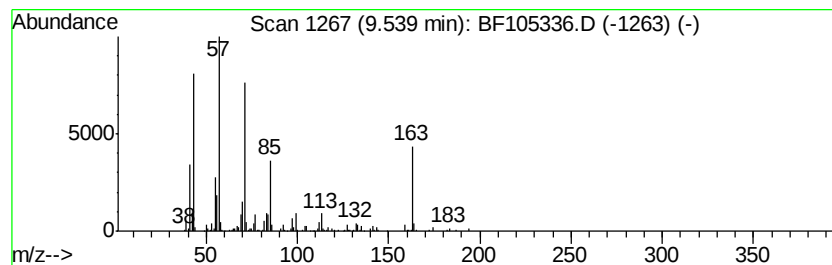
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.54	6.58 ng	468894	Acenaphthene-d10		9.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	58
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	53
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105336.D
Acq On : 12 May 2018 14:44
Operator : JU/SJ
Sample : J2675-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-051018-A

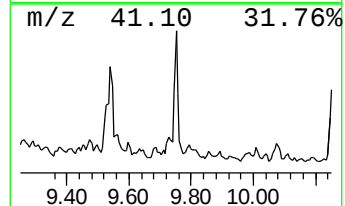
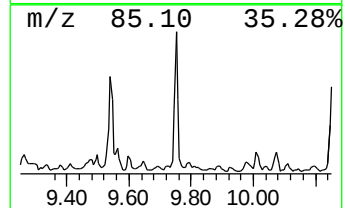
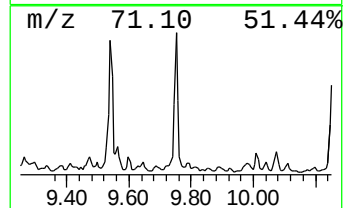
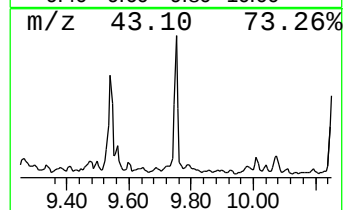
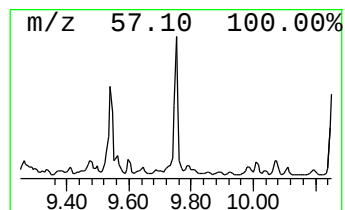
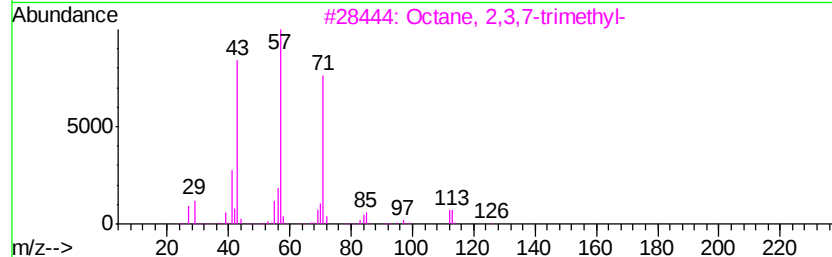
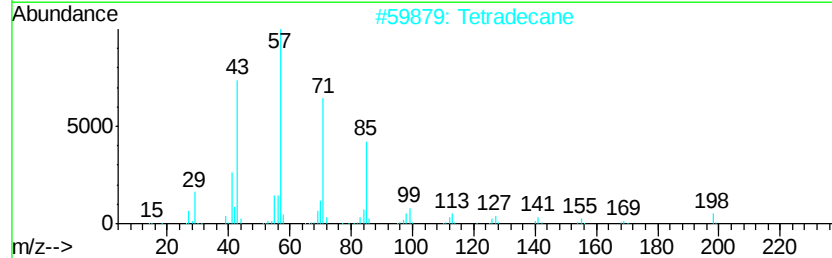
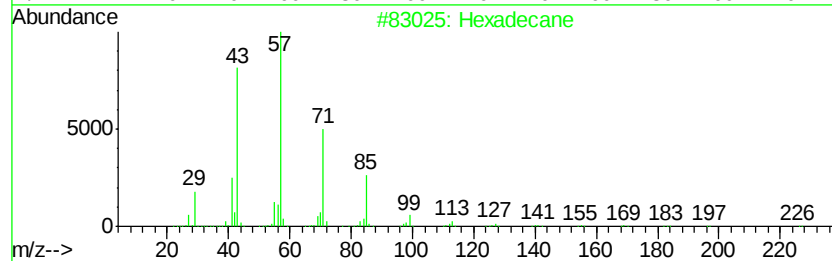
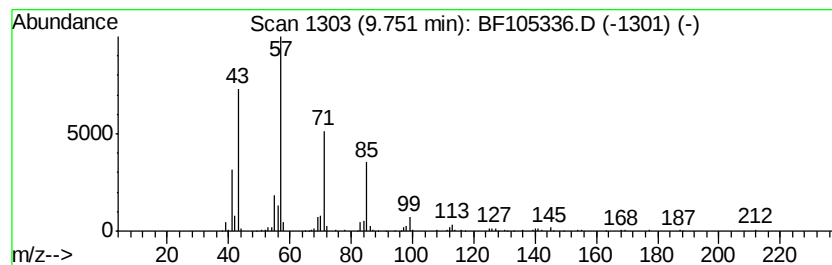
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.64 ng	331184	Acenaphthene-d10	9.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	64
3			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
5			Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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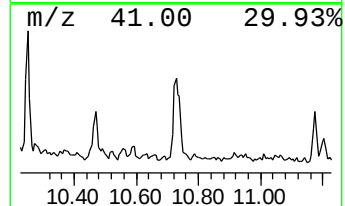
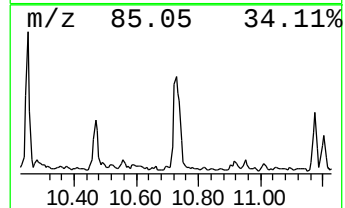
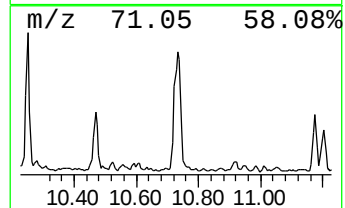
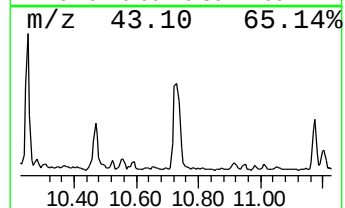
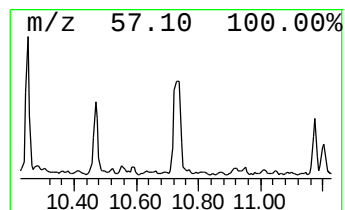
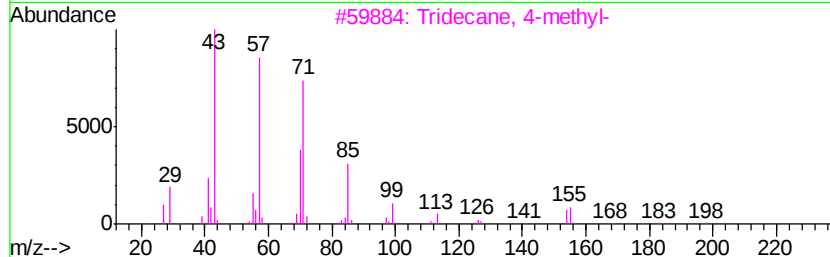
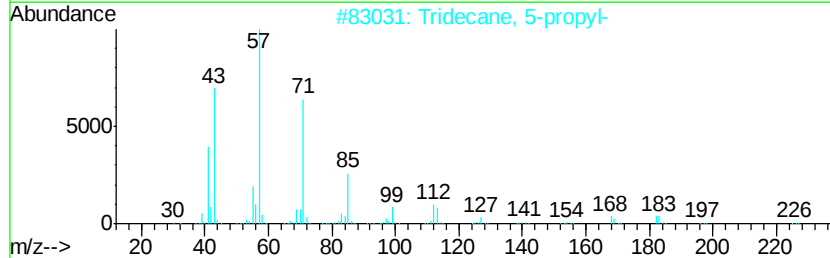
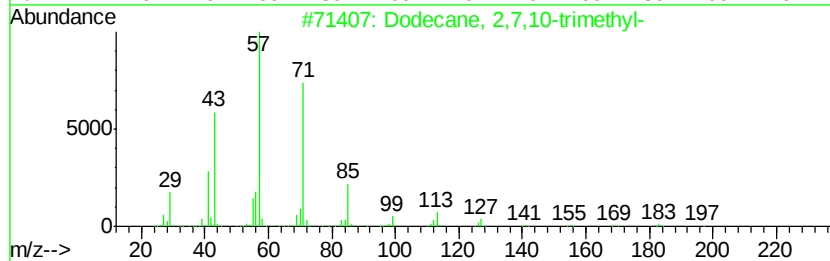
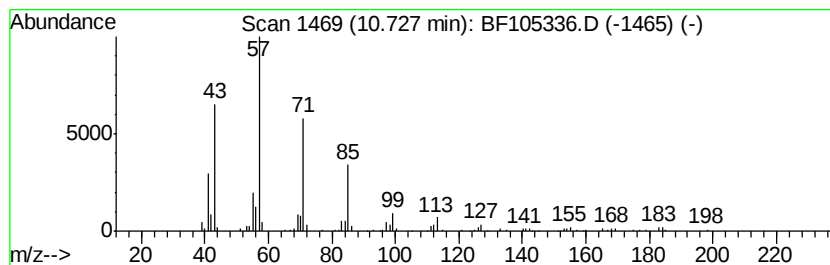
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.73	4.29 ng	296617	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
 Data File : BF105336.D
 Acq On : 12 May 2018 14:44
 Operator : JU/SJ
 Sample : J2675-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.55	6.55	8.3	ng	439869	1	6.79	1062380	20.0
Decane	6.62	8.7	ng	460629	1	6.79	1062380	20.0
Benzene, 1-ethyl-...	6.84	3.0	ng	160999	1	6.79	1062380	20.0
unknown7.06	7.06	3.8	ng	199311	1	6.79	1062380	20.0
Naphthalene, deca...	7.17	4.7	ng	248293	1	6.79	1062380	20.0
unknown7.43	7.43	3.6	ng	243253	2	8.07	1367300	20.0
Naphthalene, deca...	7.59	3.0	ng	207759	2	8.07	1367300	20.0
Undecane, 2-methyl-	7.82	5.1	ng	349991	2	8.07	1367300	20.0
Undecane, 2,6-dim...	8.13	6.9	ng	468798	2	8.07	1367300	20.0
Cyclohexane, (4-m...	8.36	6.0	ng	410352	2	8.07	1367300	20.0
Dodecane, 2-methyl-	8.45	3.1	ng	209939	2	8.07	1367300	20.0
Sulfurous acid, 2...	8.49	6.9	ng	470287	2	8.07	1367300	20.0
Tetradecane	8.66	11.2	ng	767547	2	8.07	1367300	20.0
Heptacosane	9.54	6.6	ng	468894	3	9.82	1426080	20.0
Hexadecane	9.75	4.6	ng	331184	3	9.82	1426080	20.0
Dodecane, 2,7,10-...	10.73	4.3	ng	296617	4	11.31	1382990	20.0