

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128968.D
 Acq On : 23 Jun 2022 23:02
 Operator : CG\JU
 Sample : N3431-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-5

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_F\Methods\8270-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	274	285	289	rBV2	458814	786836	15.47%	0.502%
2	4.316	339	345	355	rVB4	571363	927760	18.24%	0.591%
3	4.745	409	418	423	rVV	688878	979951	19.26%	0.625%
4	4.845	423	435	440	rVV3	922106	2337122	45.94%	1.490%
5	4.904	440	445	449	rVV	1542282	1842868	36.23%	1.175%
6	5.110	476	480	483	rVV	1478333	1595054	31.35%	1.017%
7	5.275	504	508	510	rVV	459114	582849	11.46%	0.372%
8	5.357	518	522	526	rVV	1162745	1338733	26.32%	0.854%
9	5.392	526	528	531	rVV	673753	693800	13.64%	0.442%
10	5.481	539	543	547	rVV3	1184127	1713223	33.68%	1.092%
11	5.522	547	550	553	rVV	1539487	1498557	29.46%	0.955%
12	5.569	553	558	564	rVB2	1011307	1572547	30.91%	1.003%
13	5.634	564	569	573	rBV2	594949	623411	12.25%	0.397%
14	5.734	580	586	590	rVB3	1463879	2367136	46.53%	1.509%
15	5.786	590	595	598	rBV2	839872	1378895	27.11%	0.879%
16	5.869	606	609	614	rVB2	2427911	2965467	58.29%	1.891%
17	5.922	614	618	621	rBV	838124	1250165	24.57%	0.797%
18	5.975	623	627	633	rVB2	4253491	5087210	100.00%	3.243%
19	6.028	633	636	639	rBV	2526639	2330875	45.82%	1.486%
20	6.157	653	658	661	rBV	2083435	2783700	54.72%	1.775%
21	6.257	671	675	677	rBV3	2111562	2708224	53.24%	1.727%
22	6.339	683	689	692	rBV4	582314	1136996	22.35%	0.725%
23	6.381	692	696	701	rVV3	1638679	3225018	63.39%	2.056%
24	6.422	701	703	706	rVV	816683	710386	13.96%	0.453%
25	6.469	706	711	715	rVV5	1906471	3586932	70.51%	2.287%
26	6.504	715	717	719	rVV	1330540	1262052	24.81%	0.805%
27	6.563	723	727	728	rBV3	842075	986540	19.39%	0.629%
28	6.581	728	730	733	rVB2	1050859	979606	19.26%	0.625%
29	6.669	740	745	746	rVV3	730732	1085101	21.33%	0.692%
30	6.692	746	749	751	rVV4	1001235	1349215	26.52%	0.860%
31	6.745	751	758	761	rVB2	2933183	4670096	91.80%	2.977%
32	6.786	761	765	768	rBV3	1217295	1376508	27.06%	0.878%
33	6.822	768	771	773	rBV2	882734	1056536	20.77%	0.674%
34	6.845	773	775	777	rVV	1094090	1097421	21.57%	0.700%
35	6.875	777	780	784	rVV	2970778	3308814	65.04%	2.110%
36	6.910	784	786	789	rVB	1108283	901070	17.71%	0.574%

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Min Area: 3 % of largest Peak

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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_F\Methods\8270-BF060222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.963	792	795	796	rBV2	915513	838733	16.49%	0.535%
38	6.998	796	801	805	rVB3	1607017	2800073	55.04%	1.785%
39	7.075	812	814	817	rBV3	635800	661306	13.00%	0.422%
40	7.122	818	822	825	rBV3	1716374	1801285	35.41%	1.148%
41	7.151	825	827	833	rVB6	698029	939322	18.46%	0.599%
42	7.269	839	847	849	rBV2	2744098	4025196	79.12%	2.566%
43	7.298	849	852	856	rVB3	1185654	1596316	31.38%	1.018%
44	7.375	860	865	868	rVB4	1696062	2696321	53.00%	1.719%
45	7.422	868	873	874	rBV3	898307	1112550	21.87%	0.709%
46	7.510	885	888	890	rVV3	1089441	1432912	28.17%	0.914%
47	7.533	890	892	895	rVB2	1650859	1539044	30.25%	0.981%
48	7.633	903	909	911	rBV2	1808924	2720664	53.48%	1.735%
49	7.651	911	912	916	rVB4	1615388	1388913	27.30%	0.886%
50	7.698	916	920	922	rVB3	668644	818189	16.08%	0.522%
51	7.757	927	930	932	rBV2	1414956	1437778	28.26%	0.917%
52	7.833	939	943	947	rBV3	1014632	1115207	21.92%	0.711%
53	7.886	948	952	955	rBV2	832210	1225838	24.10%	0.782%
54	7.951	960	963	964	rVV	856344	730665	14.36%	0.466%
55	7.969	964	966	968	rVV3	1020239	1065678	20.95%	0.679%
56	8.004	968	972	976	rVV4	1479064	3104735	61.03%	1.979%
57	8.039	976	978	980	rVV4	822202	942804	18.53%	0.601%
58	8.063	980	982	983	rVV	1309245	1220621	23.99%	0.778%
59	8.080	983	985	987	rVV	2960986	2301588	45.24%	1.467%
60	8.104	987	989	992	rVV2	1043964	974706	19.16%	0.621%
61	8.169	997	1000	1002	rBV3	640503	787328	15.48%	0.502%
62	8.216	1006	1008	1011	rVB2	1072032	1007496	19.80%	0.642%
63	8.310	1018	1024	1027	rBV5	1513741	2034949	40.00%	1.297%
64	8.398	1036	1039	1042	rVB4	813077	832061	16.36%	0.530%
65	8.439	1042	1046	1051	rBV2	2981735	3869169	76.06%	2.467%
66	8.480	1051	1053	1055	rVB2	704949	602015	11.83%	0.384%
67	8.522	1057	1060	1062	rVB3	701460	652366	12.82%	0.416%
68	8.557	1062	1066	1068	rBV3	935241	1186187	23.32%	0.756%
69	8.610	1072	1075	1078	rBV3	471460	699139	13.74%	0.446%
70	8.669	1083	1085	1088	rVV3	946097	1263207	24.83%	0.805%
71	8.704	1088	1091	1094	rVB4	1601466	1874622	36.85%	1.195%
72	8.792	1103	1106	1109	rBV4	448385	747251	14.69%	0.476%
73	8.892	1121	1123	1125	rBV2	620944	619200	12.17%	0.395%
74	8.922	1125	1128	1132	rVB2	1315867	1522333	29.92%	0.971%
75	9.039	1145	1148	1152	rVB	3223333	2941732	57.83%	1.876%
76	9.092	1154	1157	1159	rVB	1211327	956430	18.80%	0.610%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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77	9.180	1167	1172	1176	rBV4	904760	1653666	32.51%	1.054%
78	9.292	1188	1191	1194	rVB4	585017	616939	12.13%	0.393%
79	9.363	1200	1203	1205	rVB3	848379	734581	14.44%	0.468%
80	9.427	1212	1214	1217	rBV	894115	788076	15.49%	0.502%
81	9.498	1220	1226	1228	rVB	3938238	3806577	74.83%	2.427%
82	9.633	1247	1249	1253	rVV4	525846	622234	12.23%	0.397%
83	9.674	1254	1256	1259	rVB	860046	767318	15.08%	0.489%
84	9.745	1265	1268	1270	rBV3	853622	991492	19.49%	0.632%
85	9.769	1270	1272	1275	rVB	960012	780380	15.34%	0.498%
86	9.874	1288	1290	1294	rVB2	712631	763735	15.01%	0.487%
87	9.927	1295	1299	1303	rBV5	485959	886469	17.43%	0.565%
88	9.969	1303	1306	1311	rVV4	1129699	1581489	31.09%	1.008%
89	10.027	1311	1316	1323	rVB5	1380985	2599961	51.11%	1.658%
90	10.086	1323	1326	1330	rBV2	812034	1096927	21.56%	0.699%
91	10.257	1353	1355	1361	rVB5	497940	675114	13.27%	0.430%
92	10.316	1361	1365	1371	rBV5	582213	1295159	25.46%	0.826%
93	10.427	1380	1384	1387	rVB	2284517	2387867	46.94%	1.522%
94	10.692	1424	1429	1435	rVV	3310486	4023975	79.10%	2.565%
95	11.157	1504	1508	1513	rVB	2457840	2581879	50.75%	1.646%
96	11.263	1523	1526	1528	rBV2	723077	833980	16.39%	0.532%
97	11.504	1564	1567	1570	rBV	700778	678595	13.34%	0.433%
98	12.239	1690	1692	1701	rVB3	566099	740701	14.56%	0.472%
99	12.845	1792	1795	1798	rVB	869771	789901	15.53%	0.504%
100	13.909	1972	1976	1978	rBV3	640587	970734	19.08%	0.619%

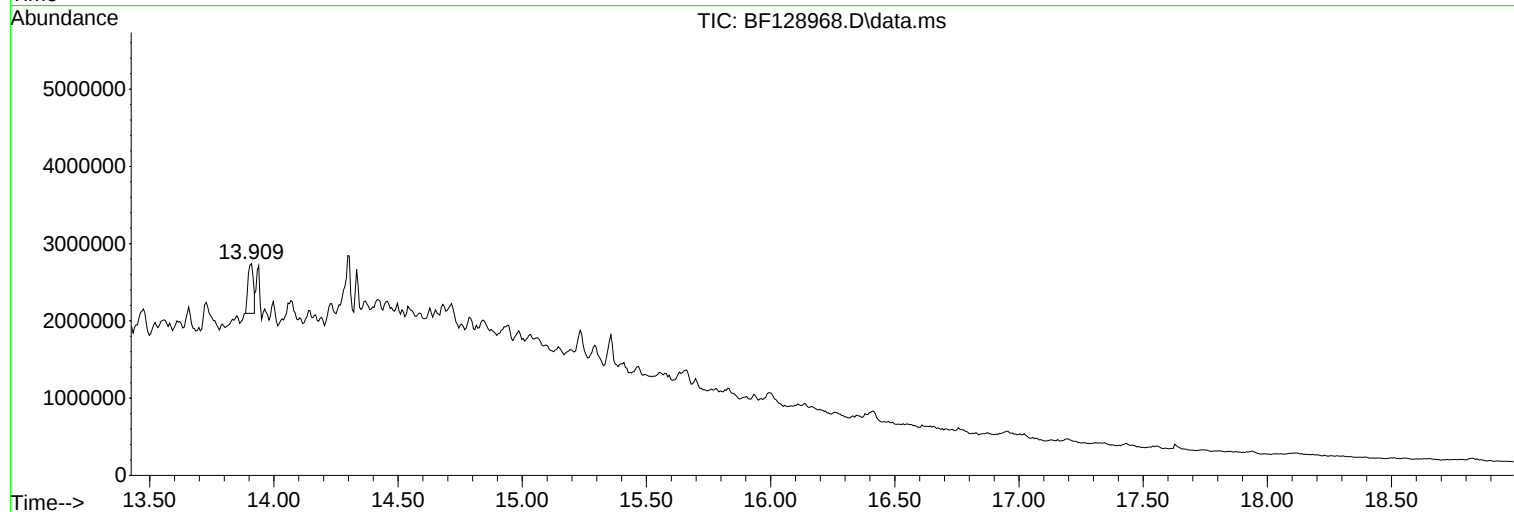
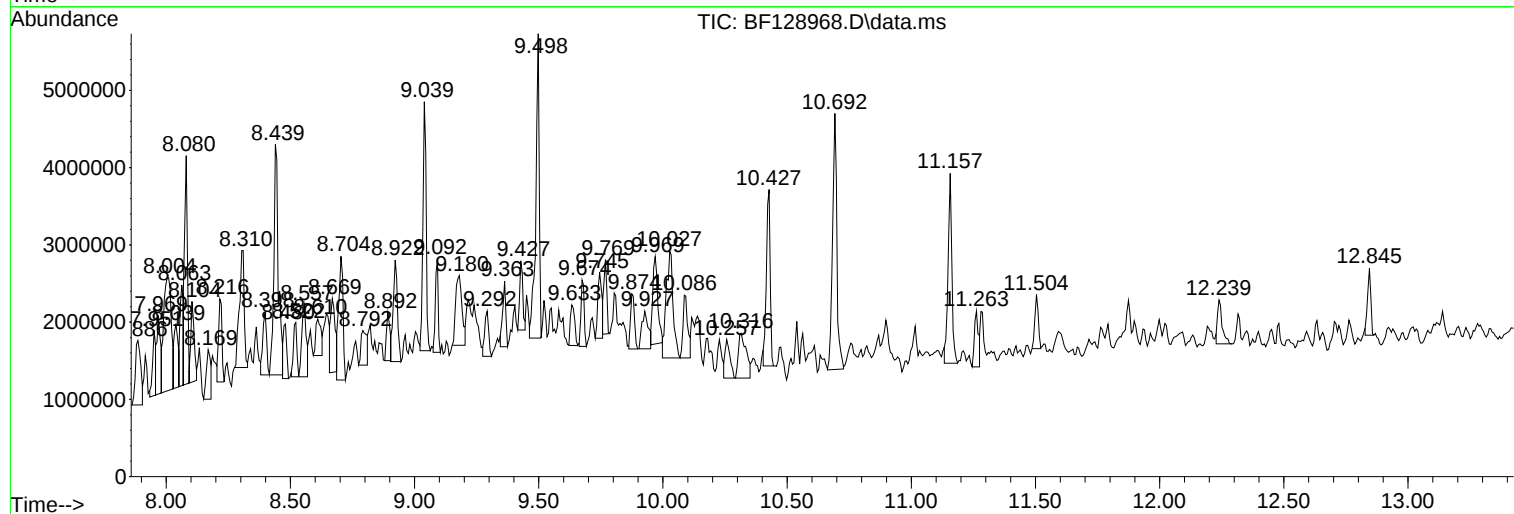
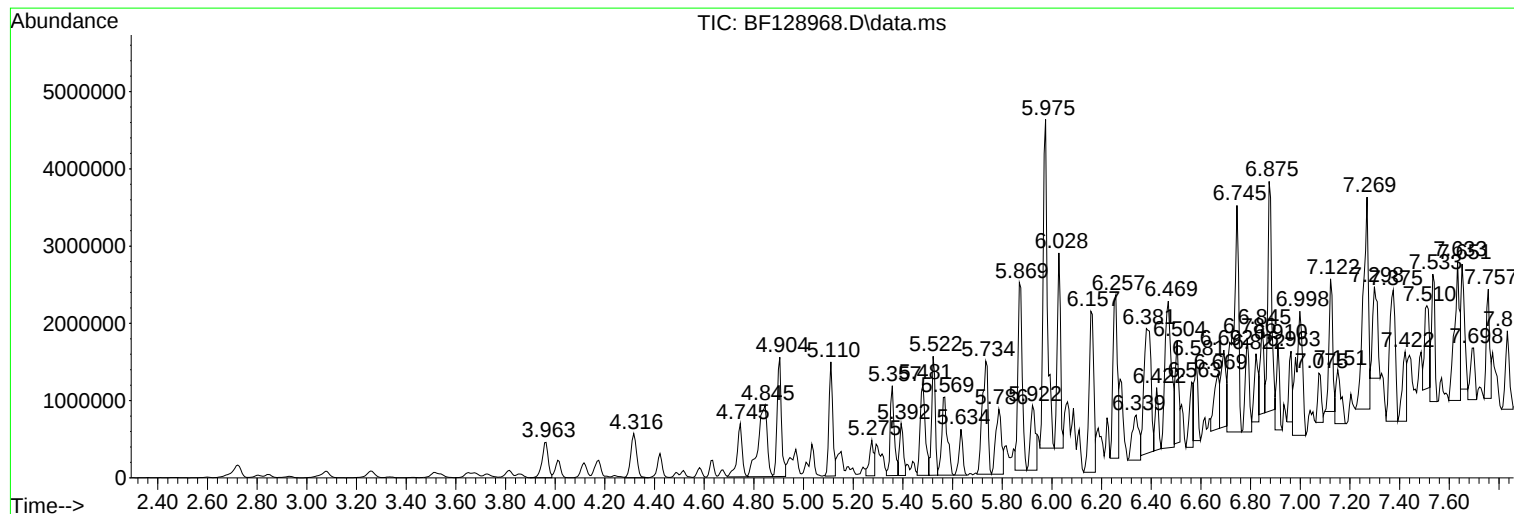
Sum of corrected areas: 156850352

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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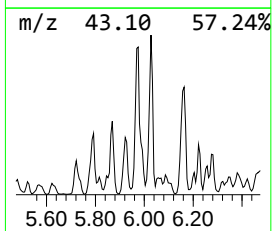
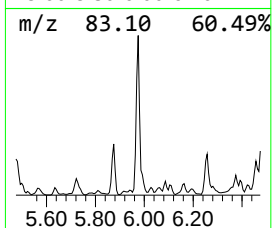
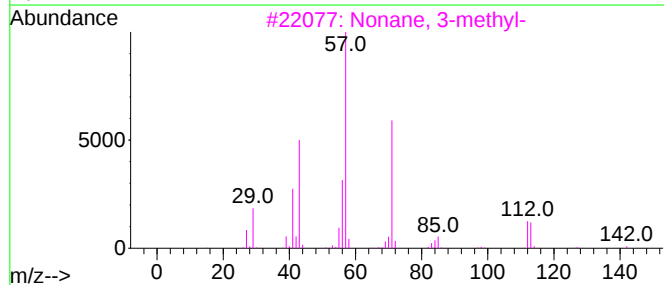
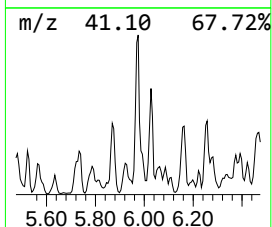
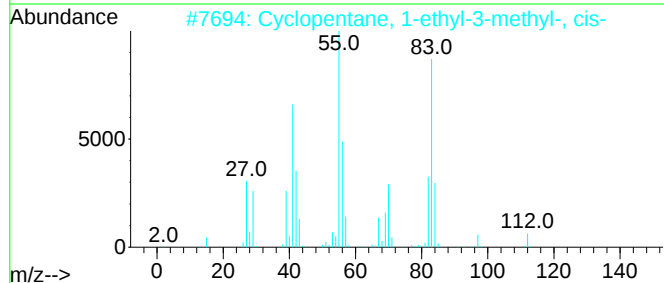
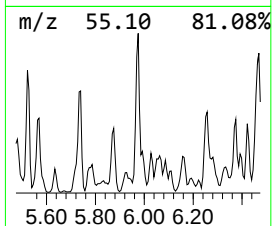
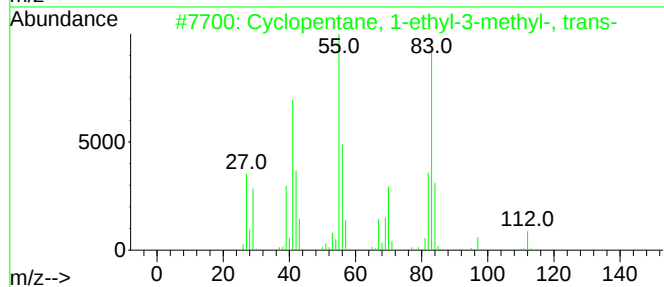
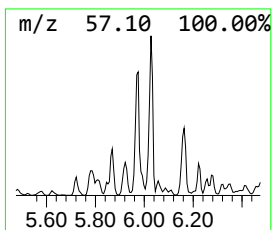
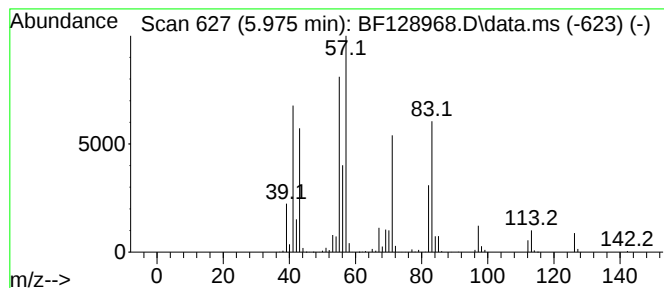
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, 1-ethyl-3-met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.975	21.79 ng	5087210	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	52
2			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35



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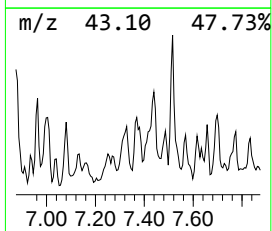
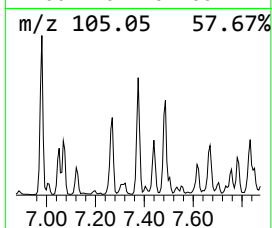
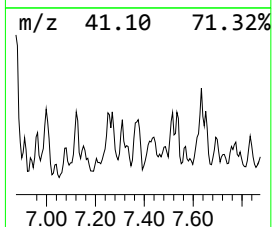
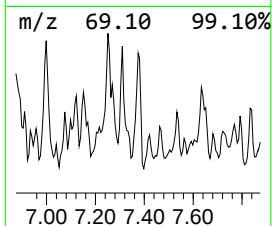
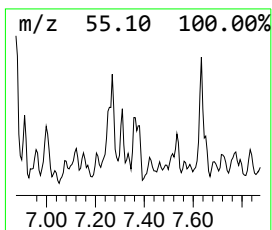
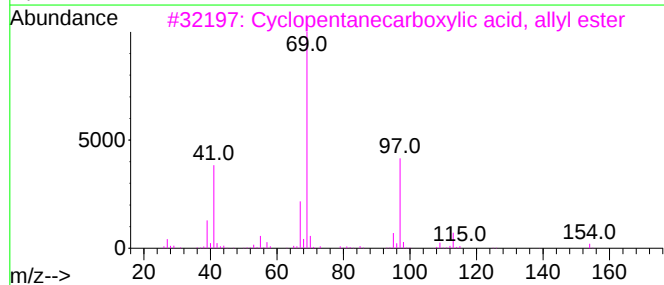
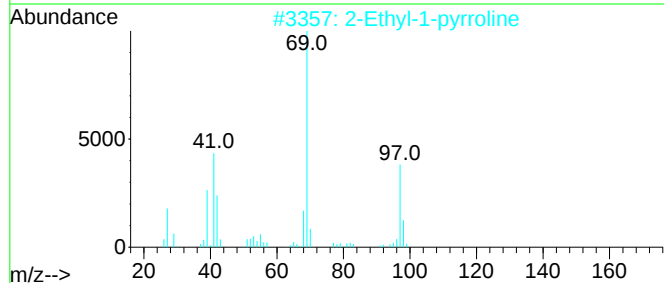
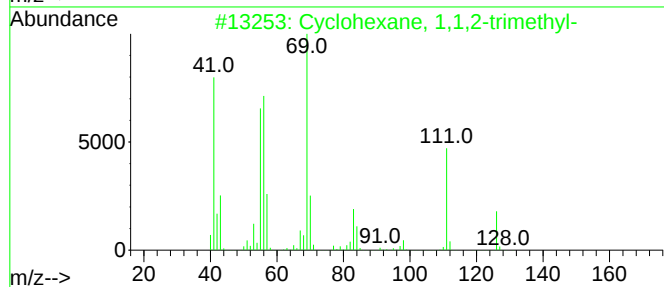
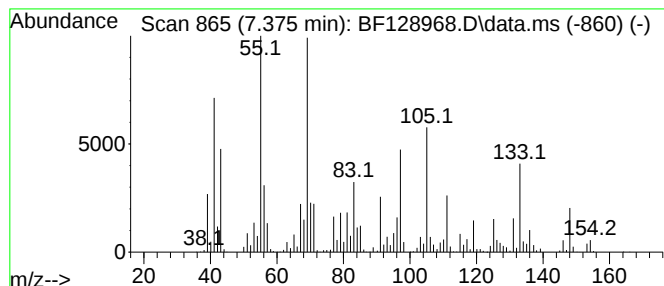
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.375 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.375	17.37 ng	2696320	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
2			2-Ethyl-1-pyrroline	97	C6H11N	1000422-81-4	38
3			Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	38
4			4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	35
5			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	30



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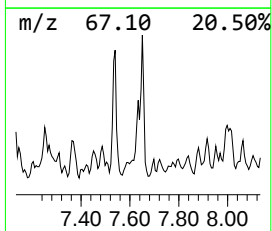
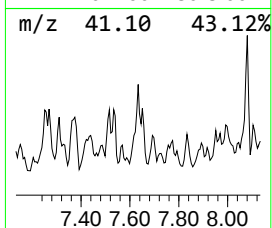
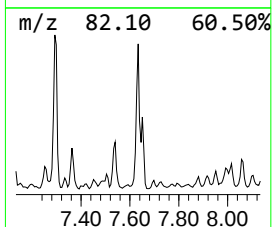
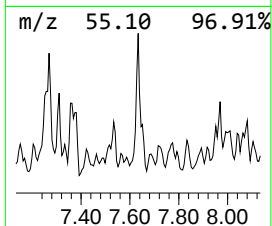
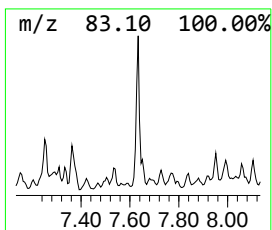
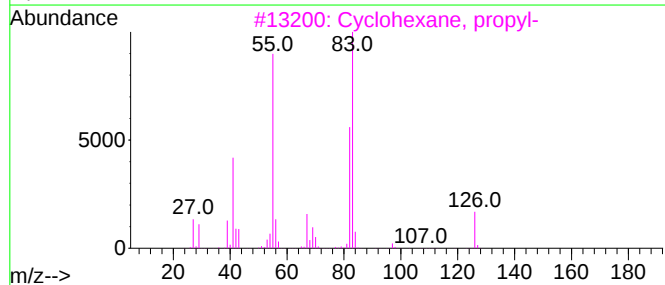
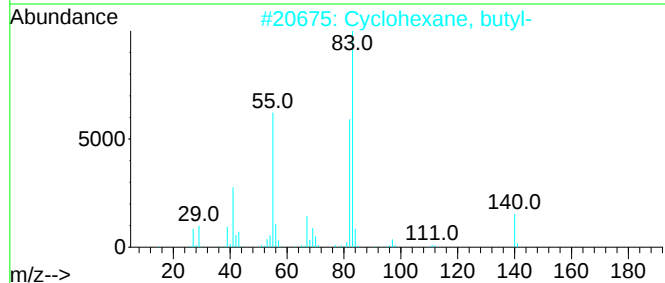
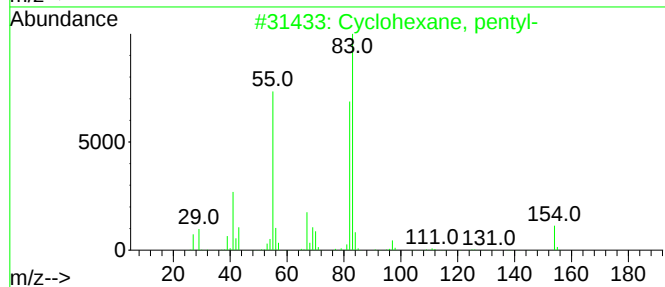
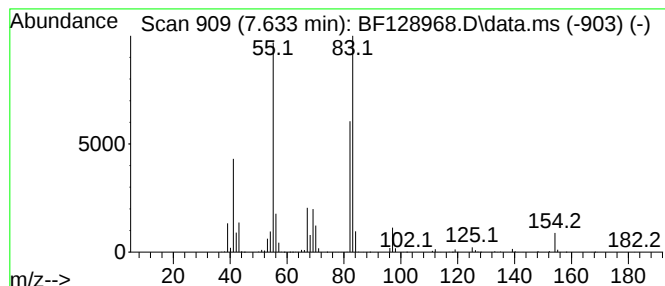
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.633	17.53 ng	2720660	Naphthalene-d8	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-2-5

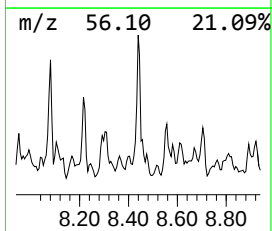
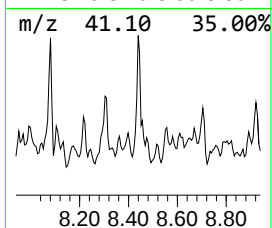
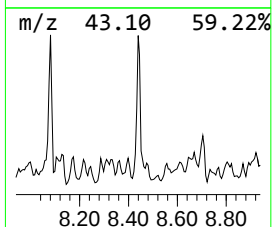
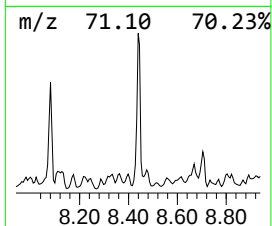
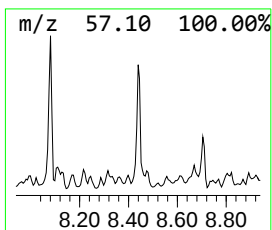
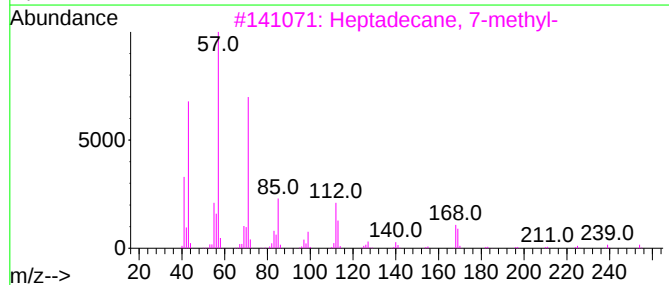
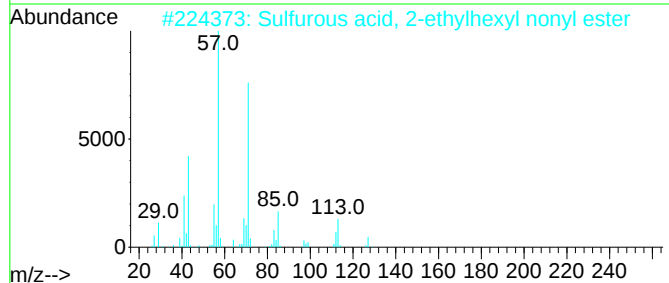
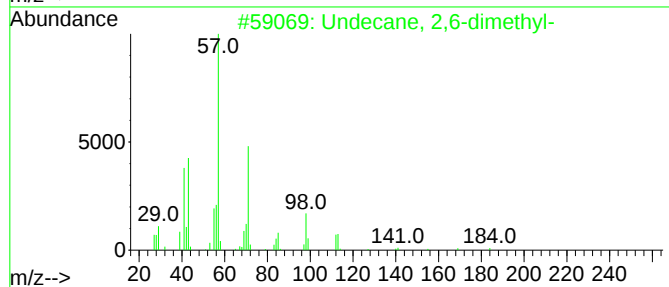
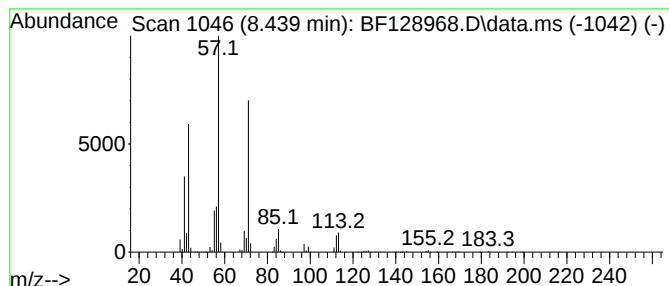
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	24.92 ng	3869170	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83		
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72		
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72		
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64		
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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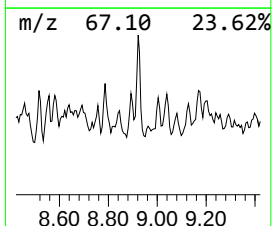
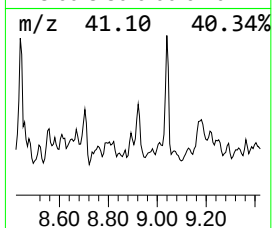
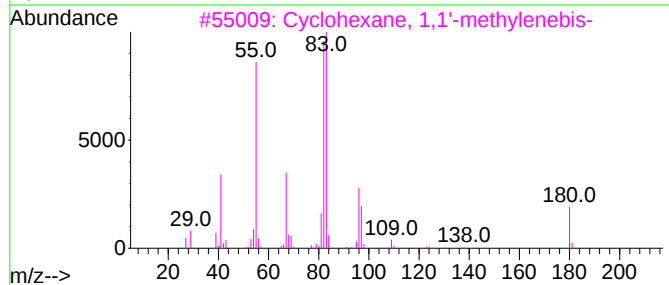
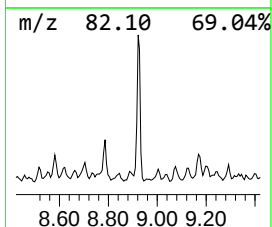
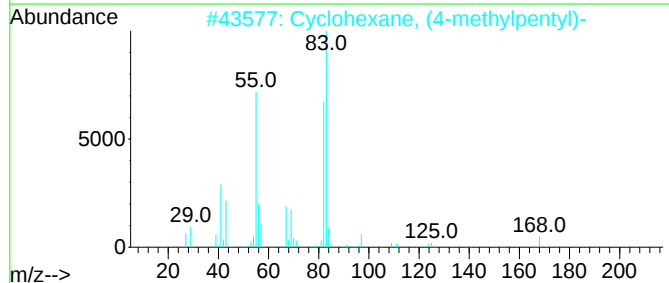
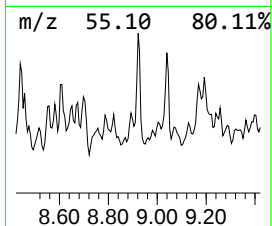
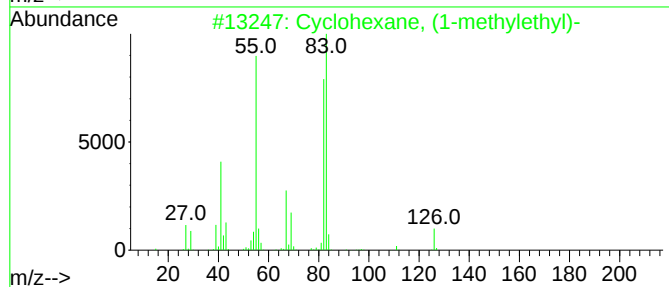
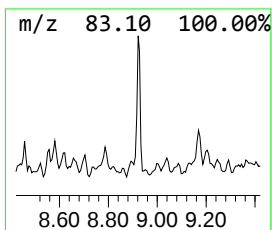
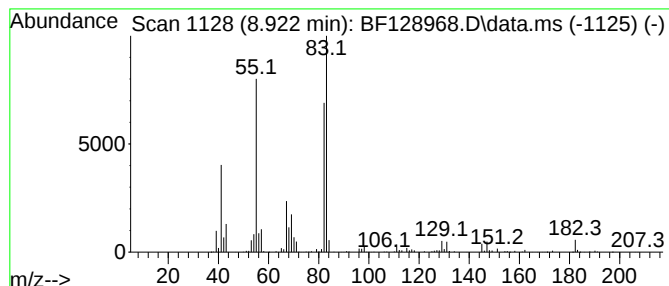
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	39.02 ng	1522330	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	72
4			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	72
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
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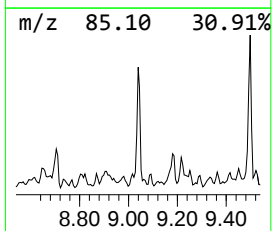
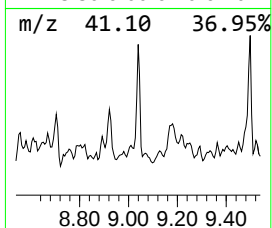
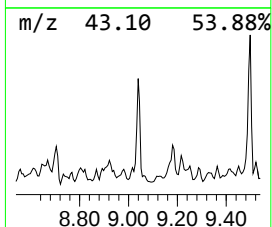
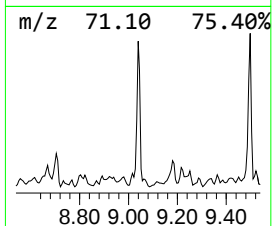
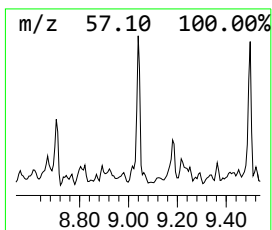
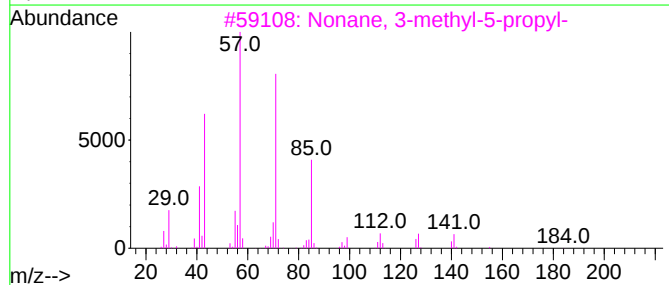
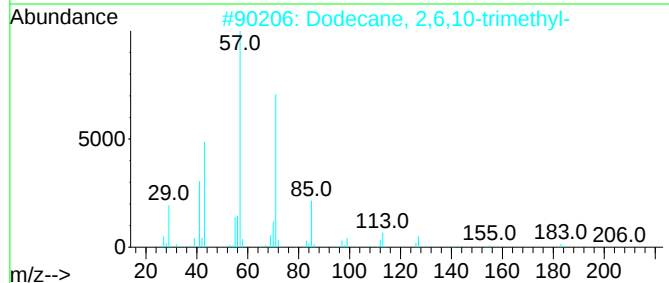
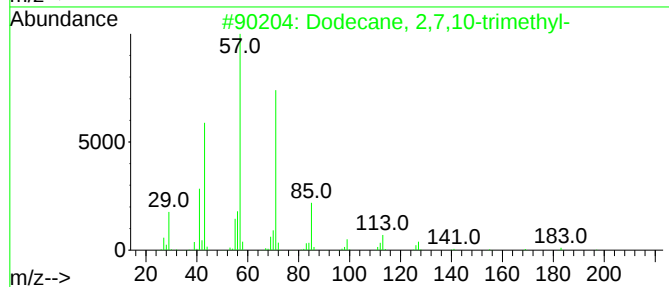
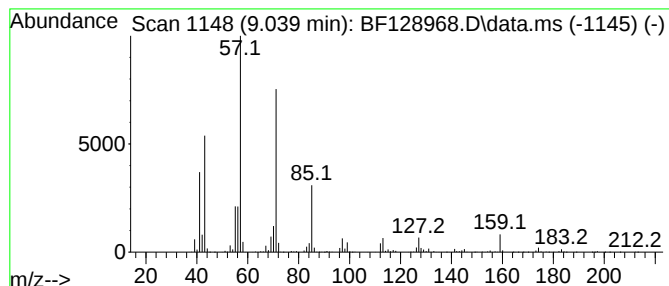
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.039	75.39 ng	2941730	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	59
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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Acq On : 23 Jun 2022 23:02
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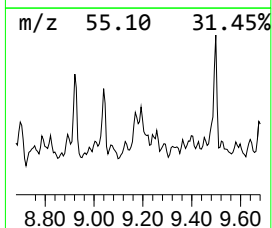
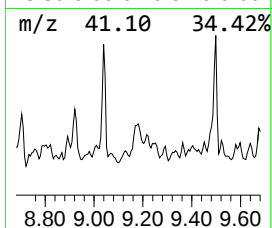
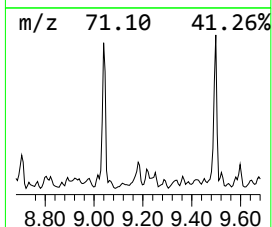
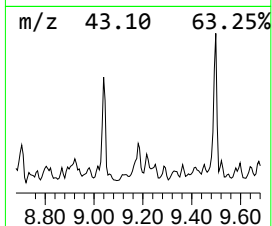
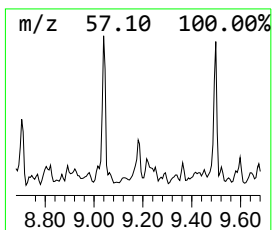
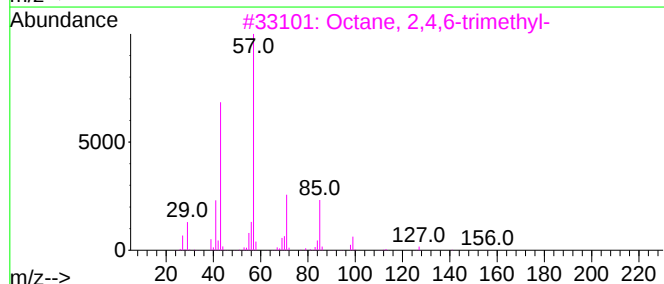
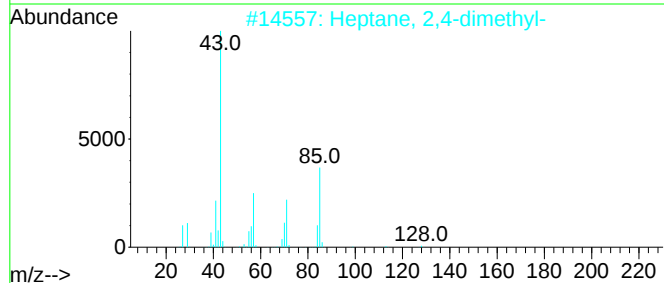
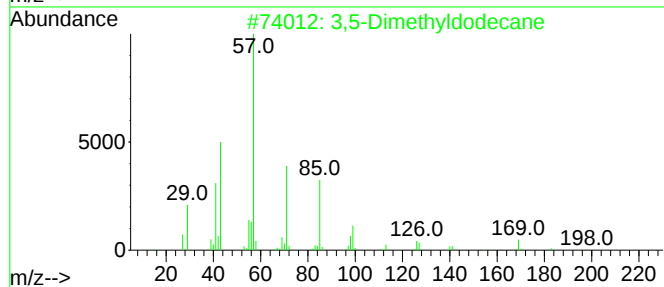
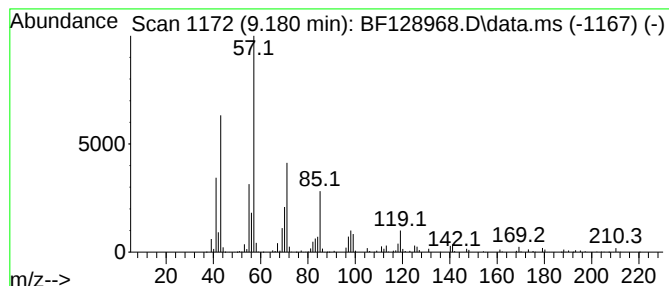
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3,5-Dimethyldodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	42.38 ng	1653670	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4		Hexadecane	226	C16H34	000544-76-3	50
5		Pentadecane	212	C15H32	000629-62-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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ClientSampleId :
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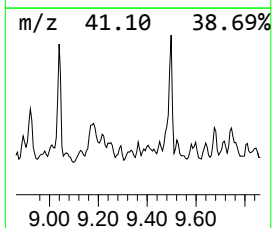
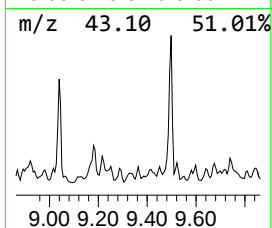
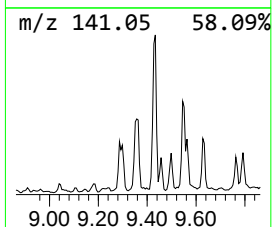
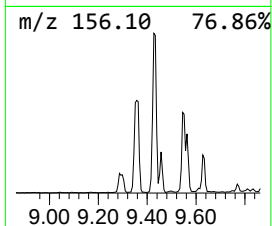
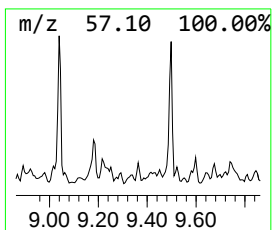
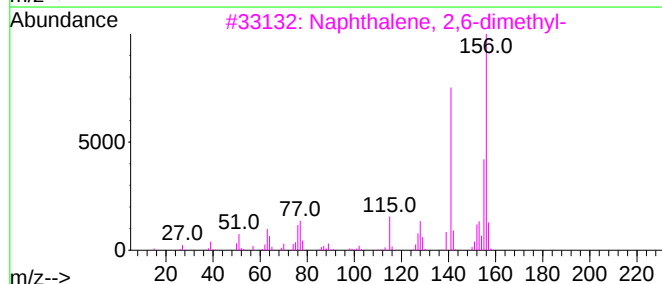
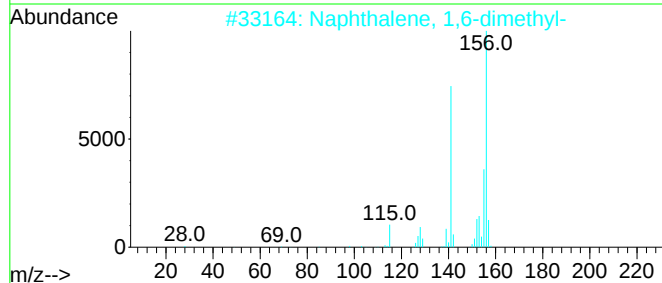
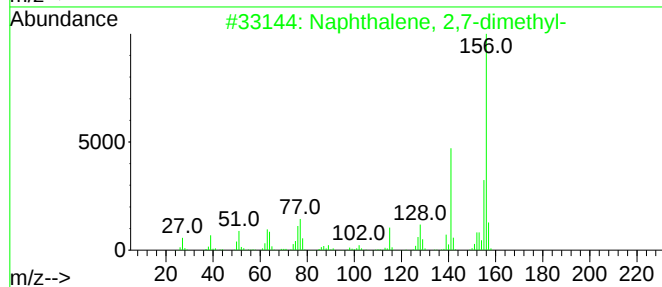
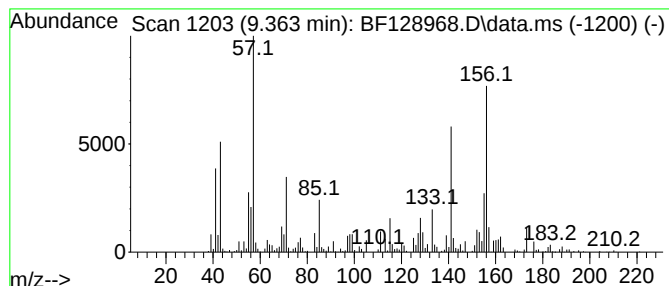
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	18.83 ng	734581	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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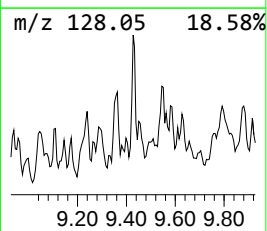
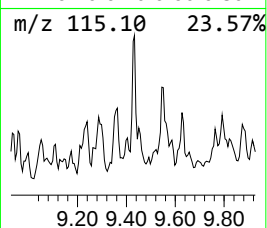
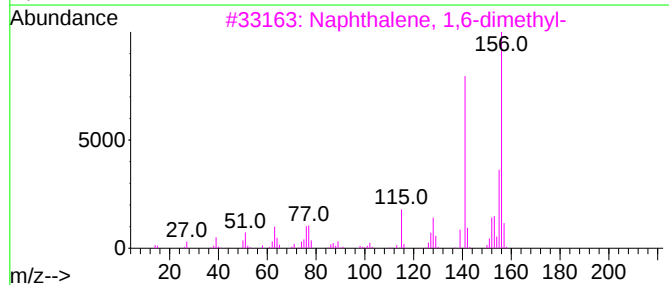
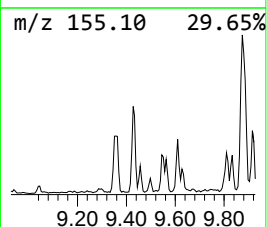
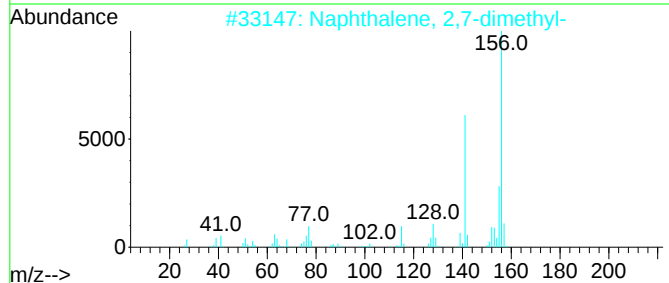
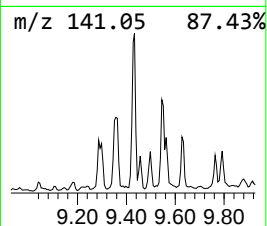
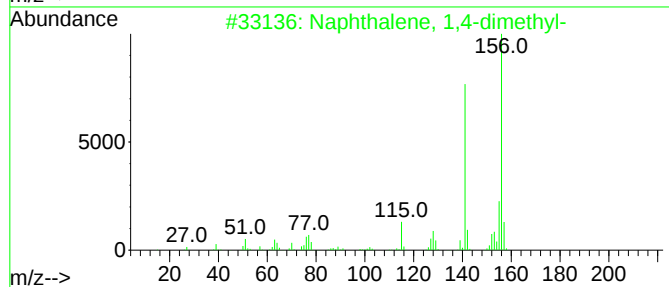
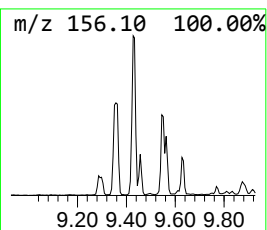
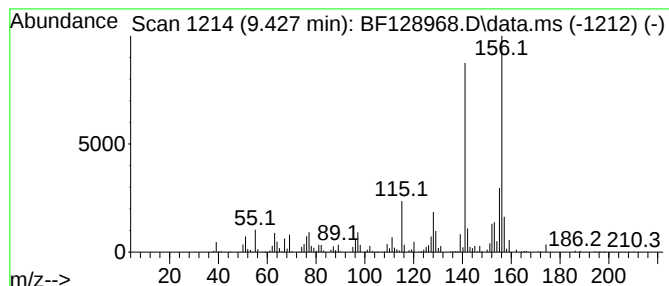
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.427	20.20 ng	788076	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
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ALS Vial : 13 Sample Multiplier: 1

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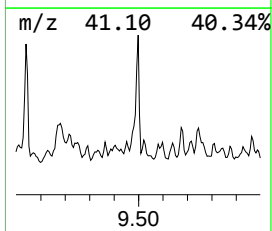
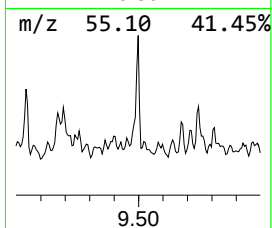
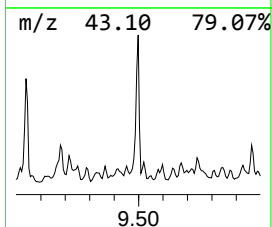
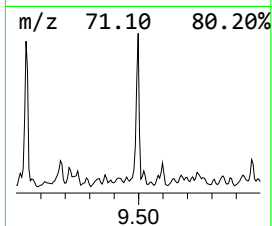
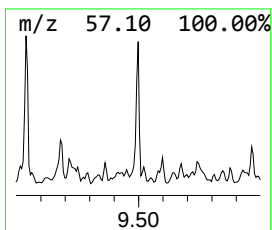
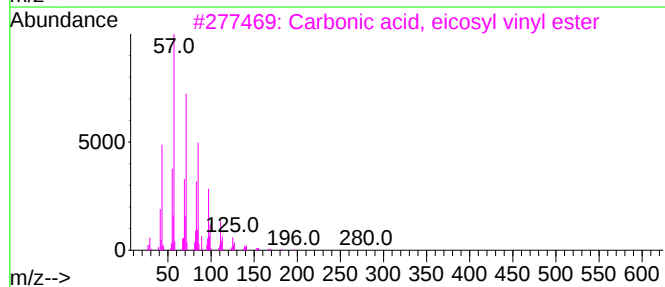
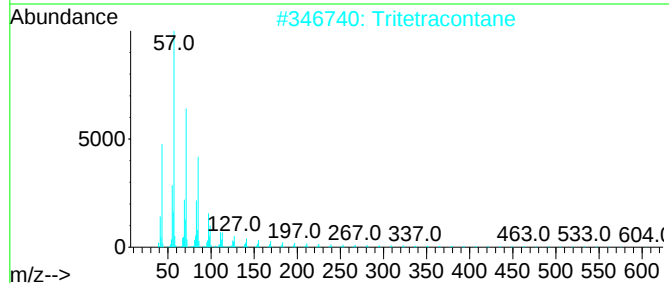
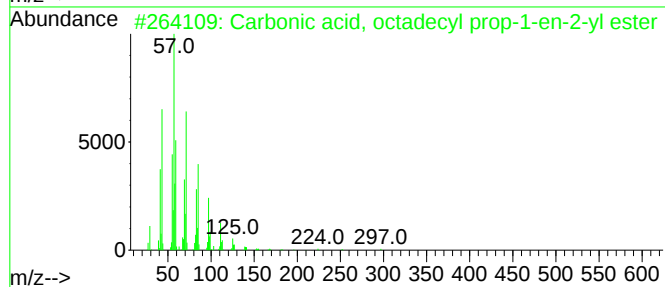
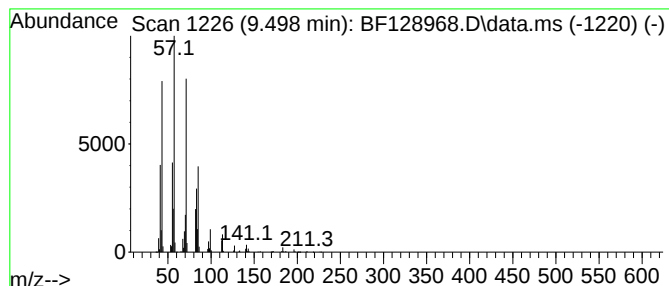
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Carbonic acid, octadecyl pr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	97.56 ng	3806580	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
2			Tritetracontane	605	C43H88	007098-21-7	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

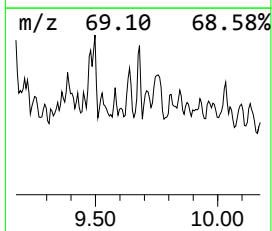
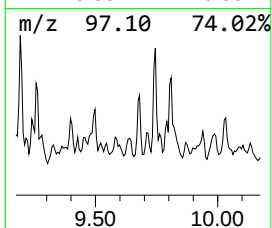
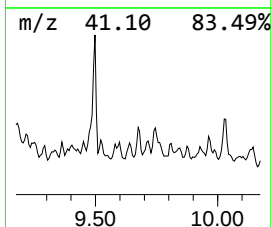
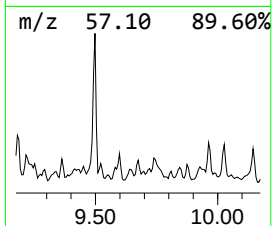
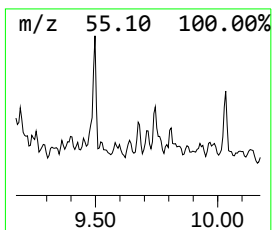
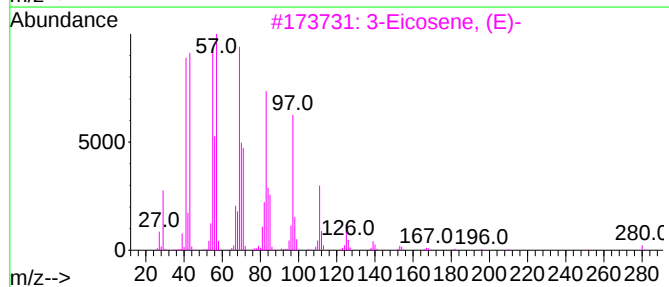
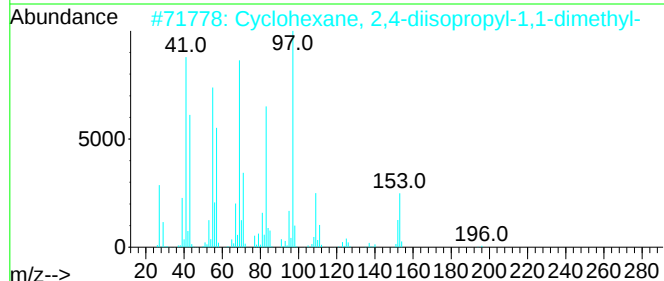
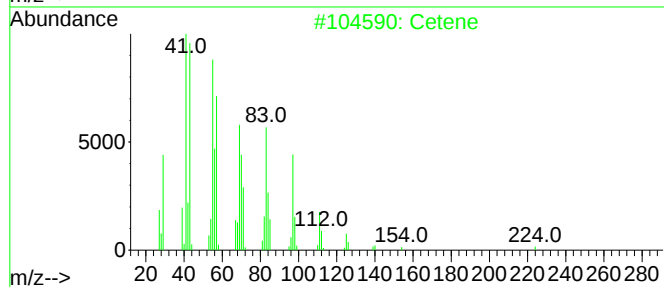
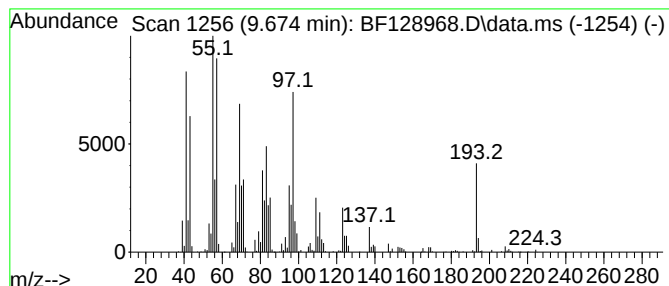
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cetene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.674	19.67 ng	767318	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	60
2			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	43
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	38
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

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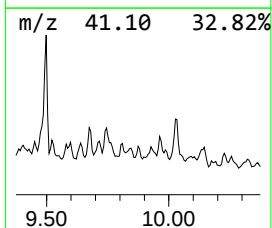
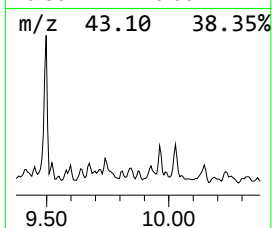
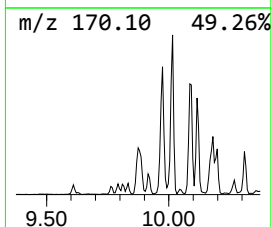
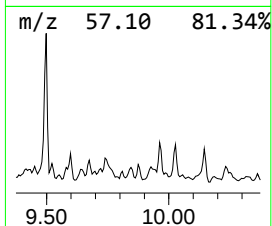
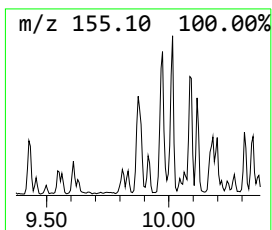
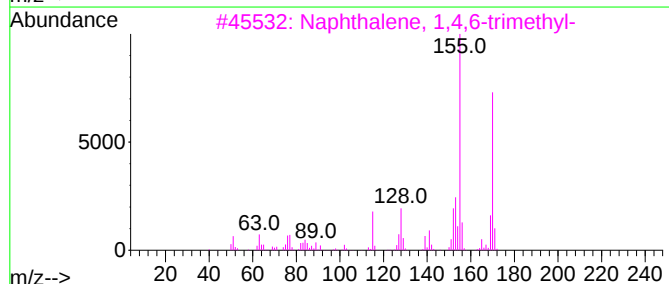
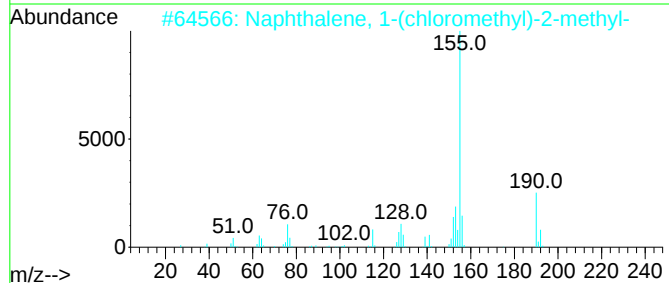
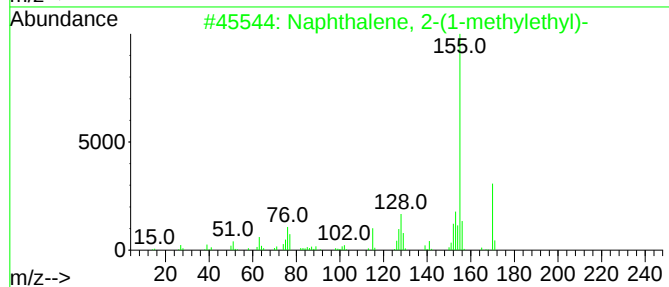
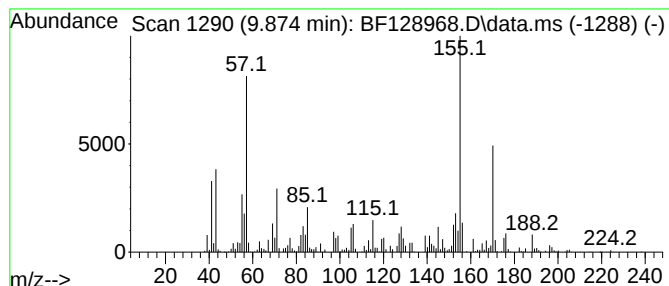
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.874	19.57 ng	763735	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	90
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

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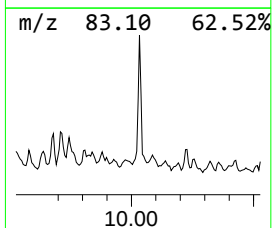
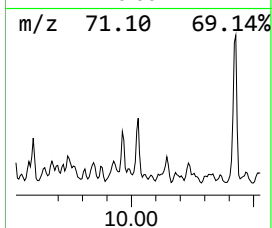
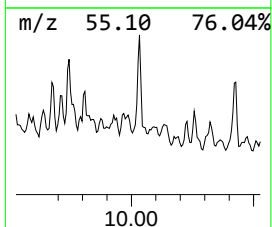
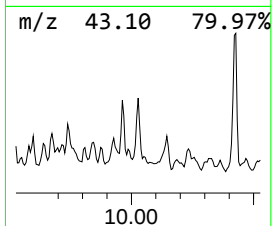
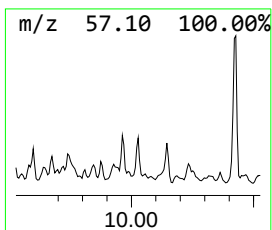
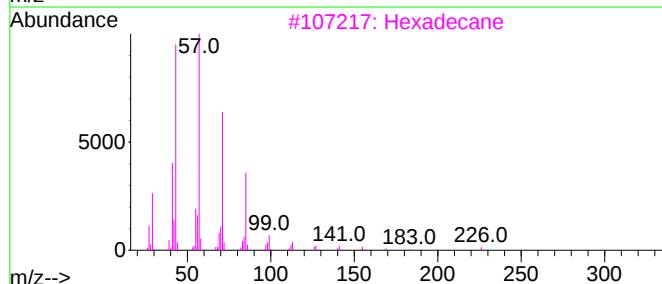
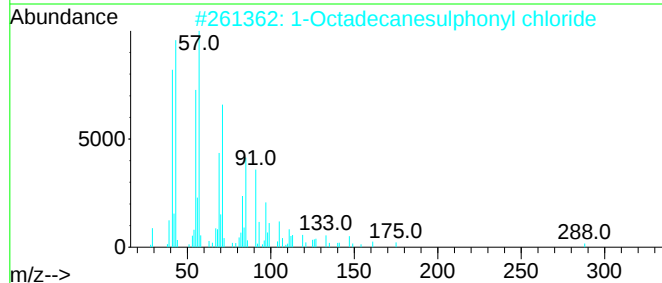
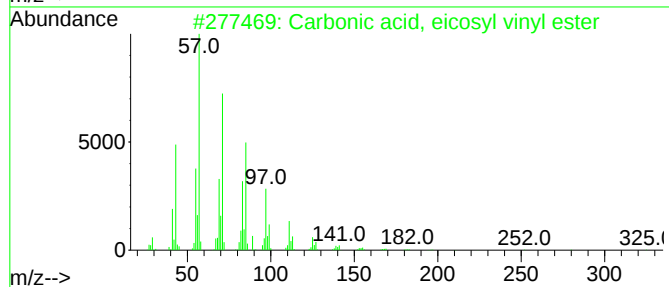
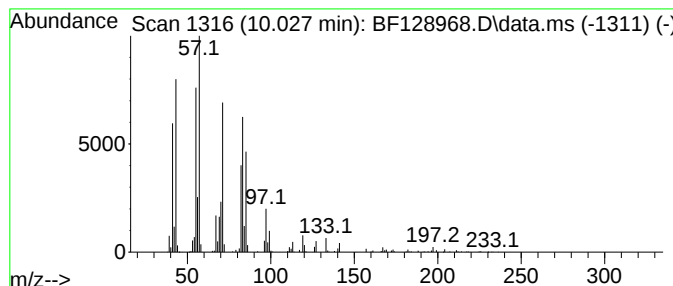
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.027	66.63 ng	2599960	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
3			Hexadecane	226	C16H34	000544-76-3	50
4			Hydroxylamine, 0-decyl-	173	C10H23NO	029812-79-1	49
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

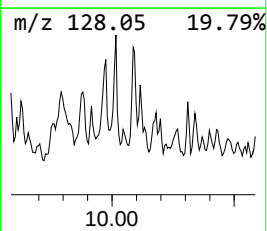
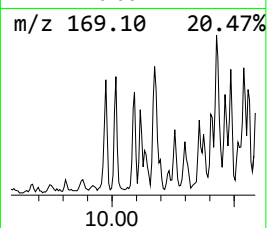
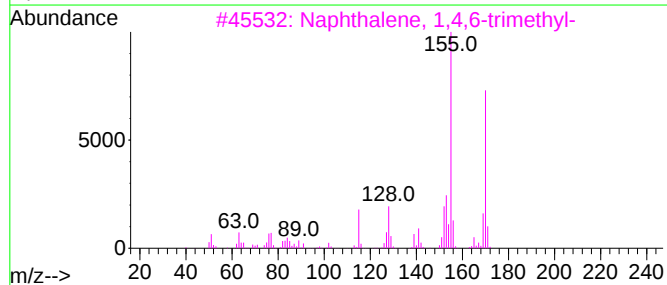
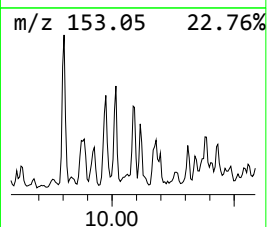
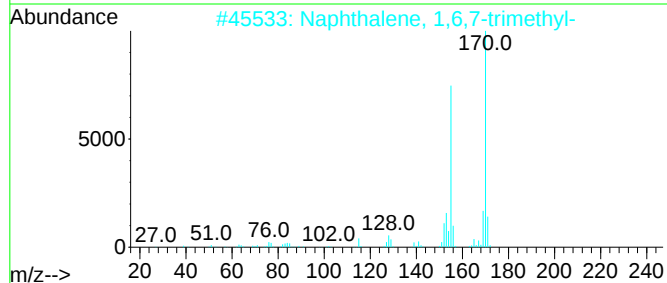
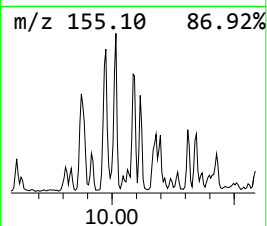
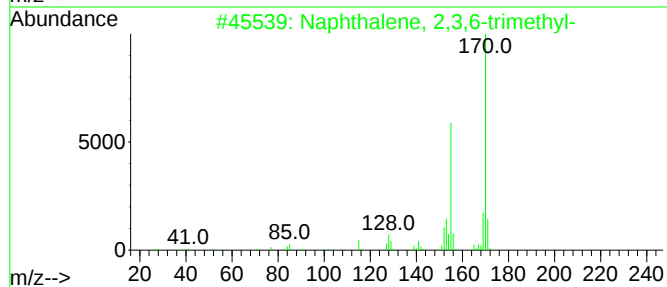
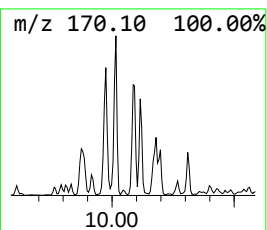
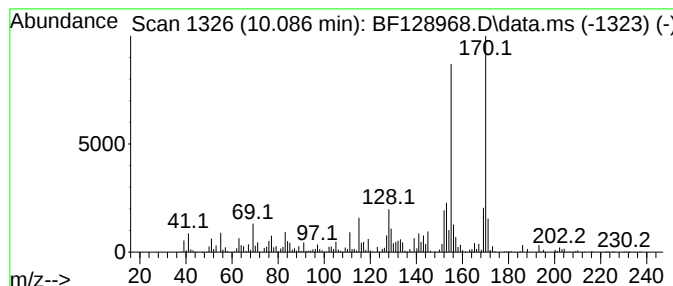
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.086	28.11 ng	1096930	Acenaphthene-d10	9.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

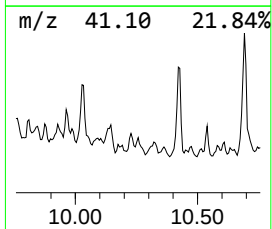
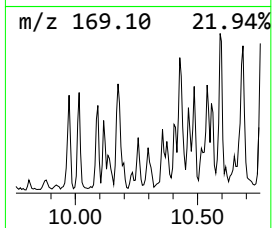
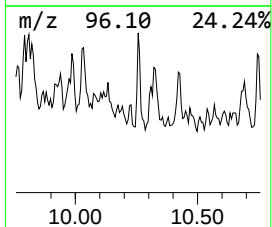
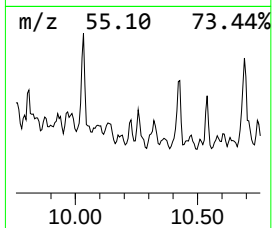
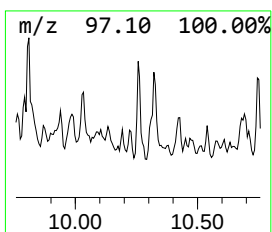
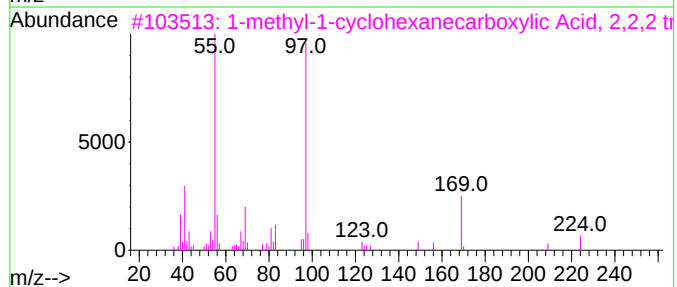
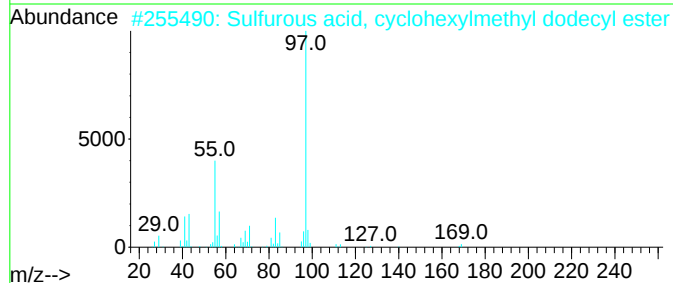
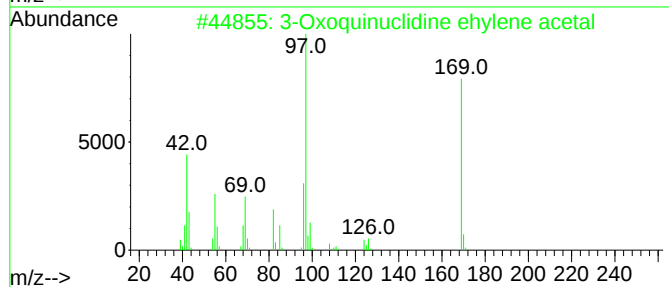
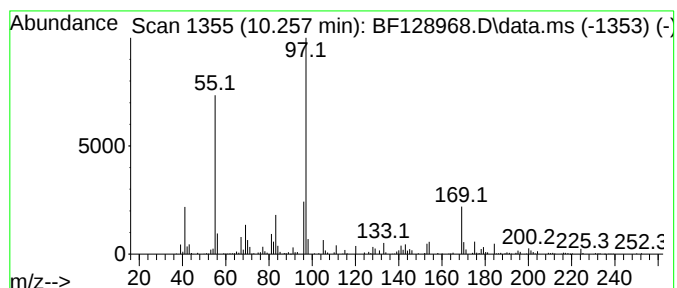
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Oxoquinuclidine ehylene a... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.257	17.30 ng	675114	Acenaphthene-d10			9.769
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Oxoquinuclidine ehylene acetal		169	C9H15NO2	1000311-39-5	59
2	Sulfurous acid, cyclohexylmethyl...		346	C19H38O3S	1000309-22-0	59
3	1-methyl-1-cyclohexanecarboxylic...		224	C10H15F3O2	1000376-54-0	59
4	1-Ethyl-3-methylcyclohexane (c,t)		126	C9H18	003728-55-0	53
5	Ethanone, 1-(1-methylcyclohexyl)-		140	C9H16O	002890-62-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

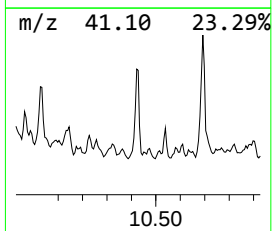
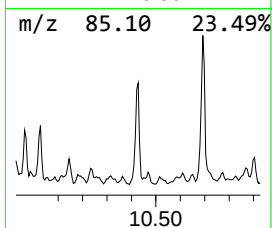
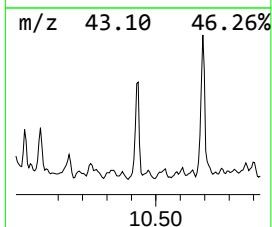
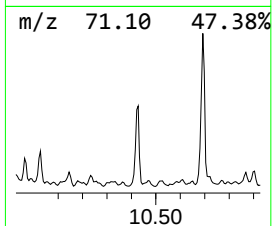
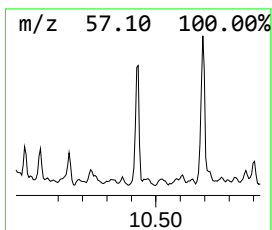
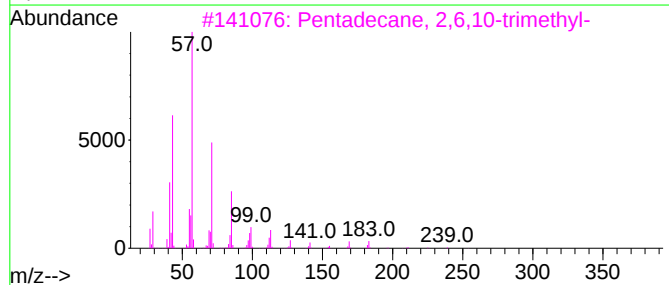
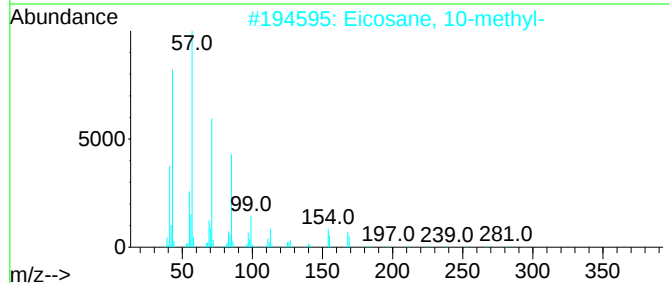
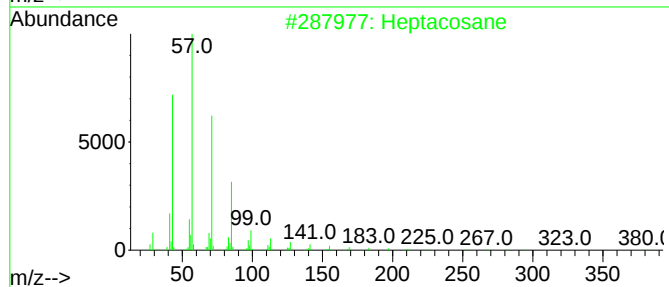
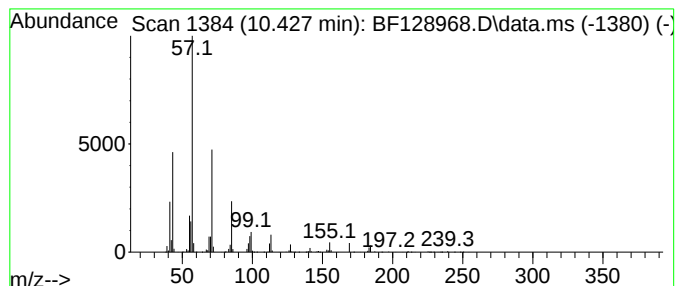
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.427	61.20 ng	2387870	Acenaphthene-d10			9.769
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	86
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	72
3	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	64
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

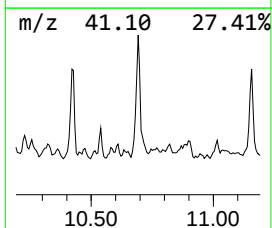
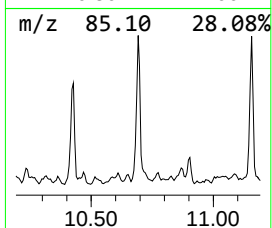
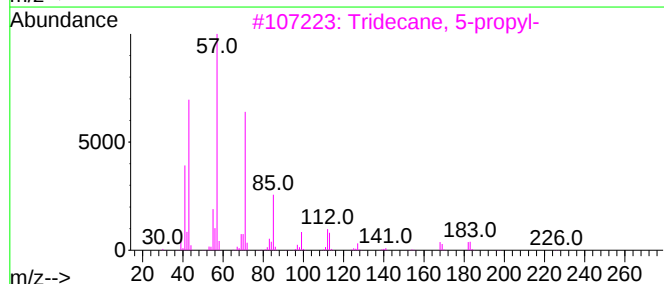
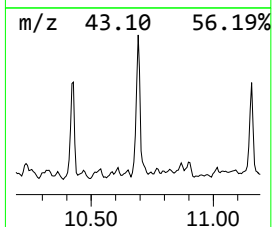
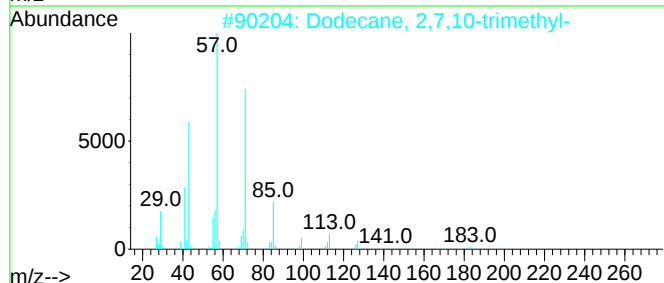
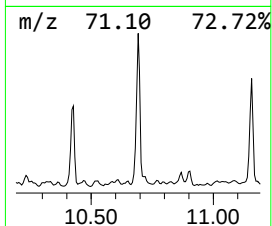
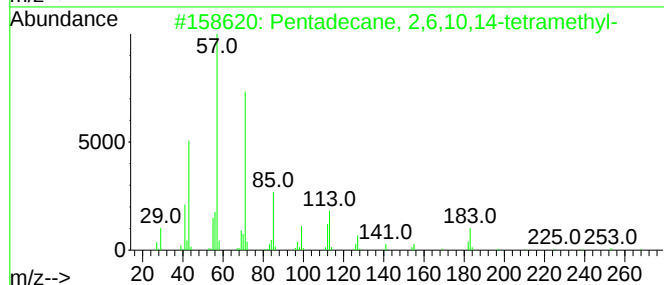
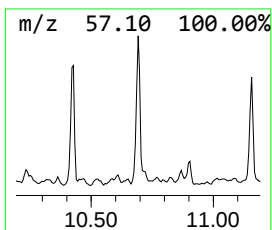
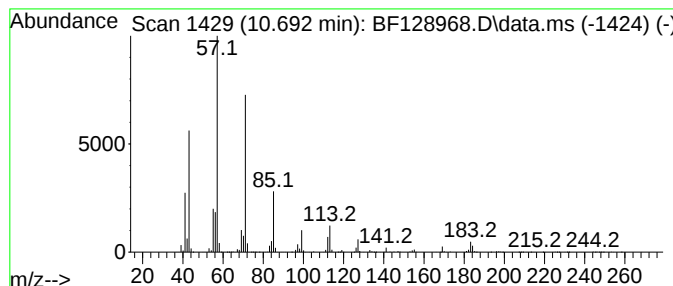
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ClientSampleId :
WC-14B-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.692	96.50 ng	4023980	Phenanthrene-d10			11.257
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	86
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
3	Tridecane, 5-propyl-		226	C16H34	055045-11-9	78
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	78
5	Tridecane		184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

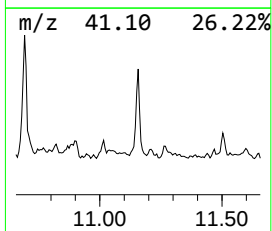
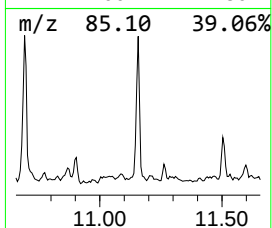
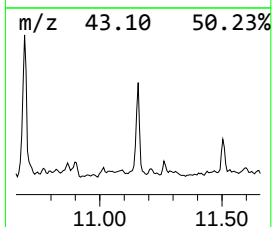
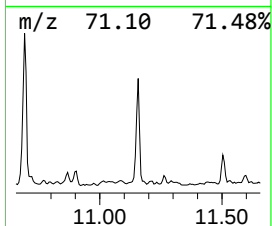
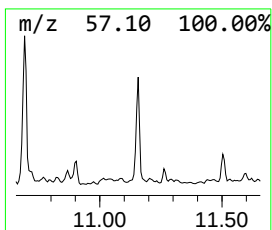
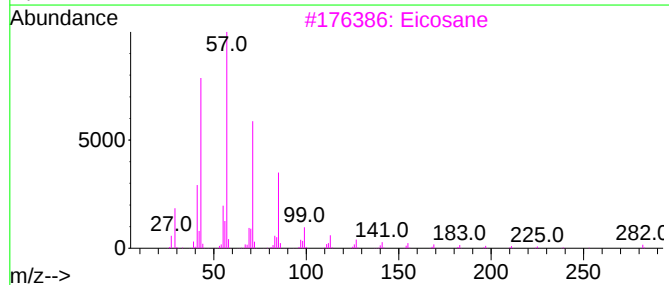
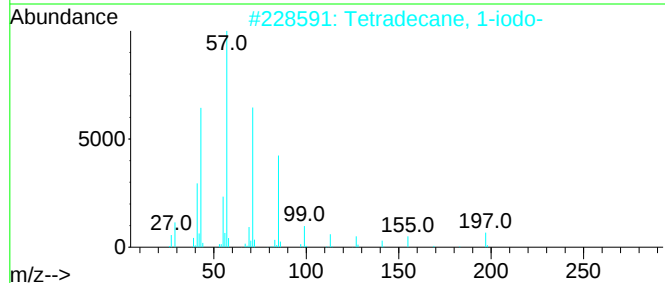
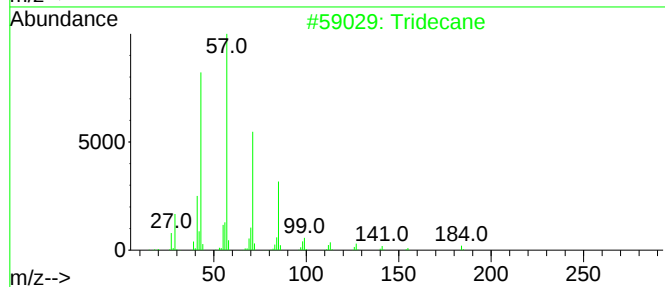
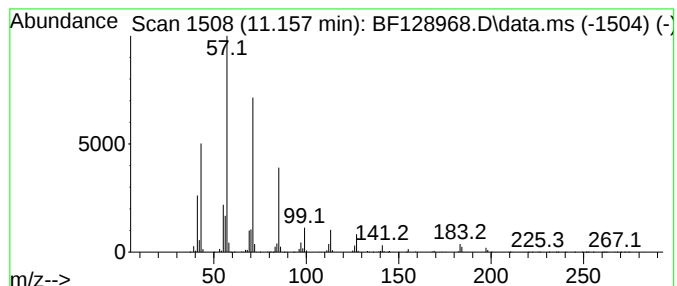
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	61.92 ng	2581880	Phenanthrene-d10	11.257

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3		Eicosane	282	C20H42	000112-95-8	78
4		Tritetracontane	605	C43H88	007098-21-7	78
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

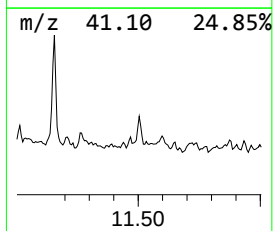
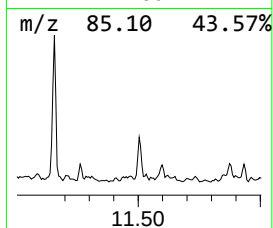
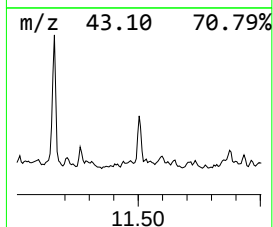
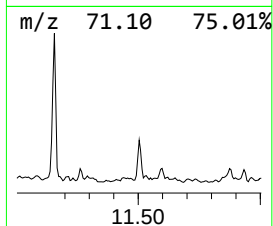
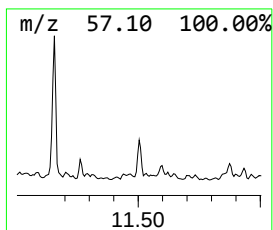
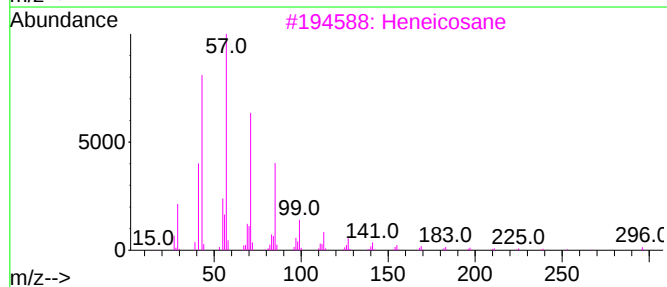
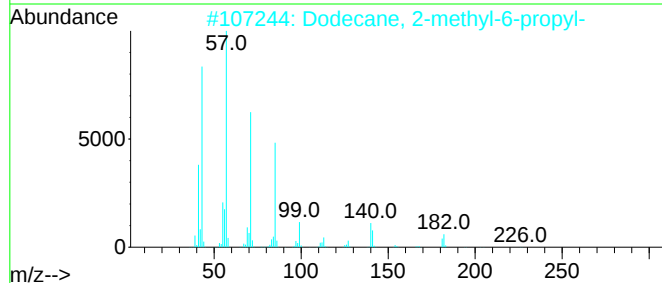
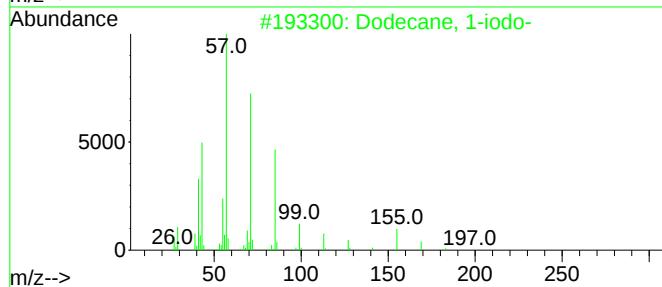
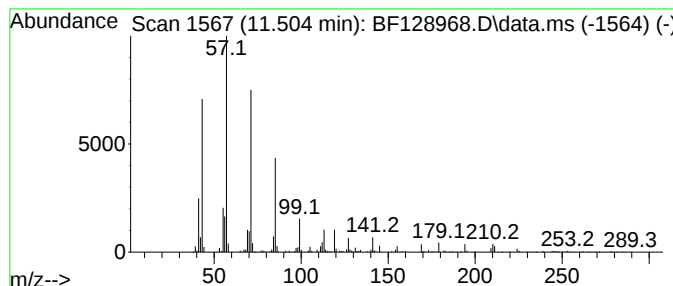
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.504	16.27 ng	678595	Phenanthrene-d10		11.257	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	83
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	81
3	Heneicosane		296	C21H44	000629-94-7	80
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80
5	Nonadecane		268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128968.D
Acq On : 23 Jun 2022 23:02
Operator : CG\JU
Sample : N3431-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

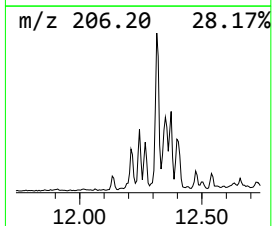
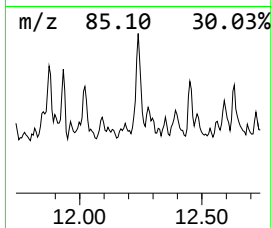
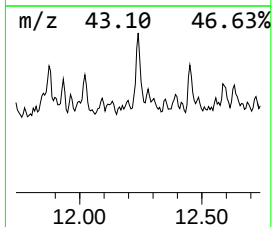
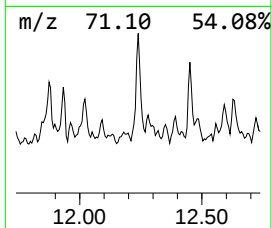
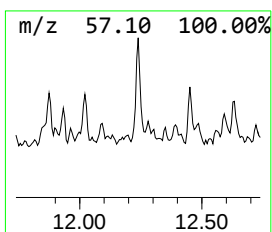
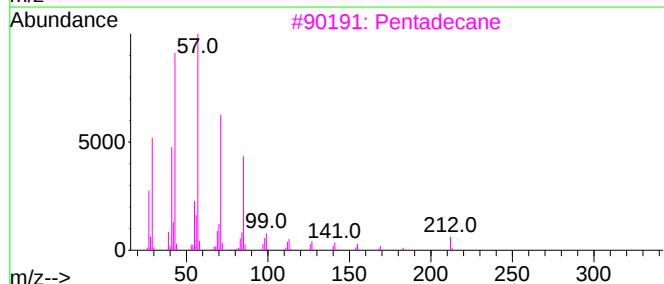
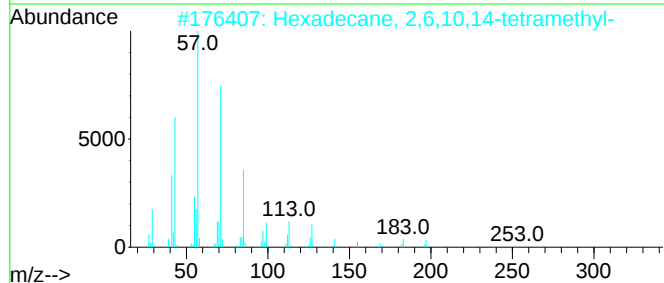
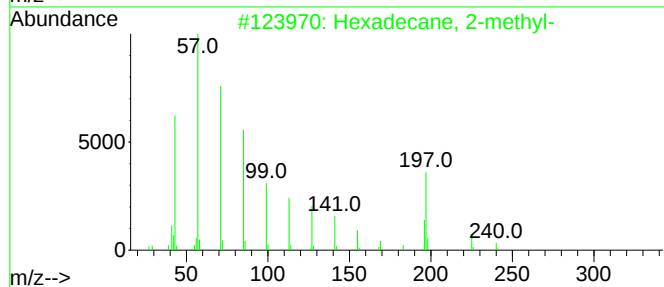
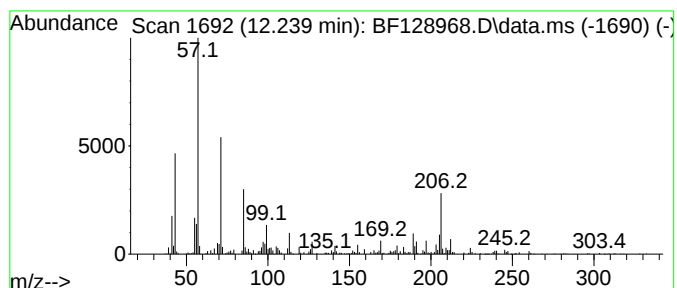
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	17.76 ng	740701	Phenanthrene-d10	11.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3			Pentadecane	212	C15H32	000629-62-9	58
4			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	55
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128968.D
 Acq On : 23 Jun 2022 23:02
 Operator : CG\JU
 Sample : N3431-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.375	7.375	17.4	ng	2696320	2	8.016	3104740	20.0
Cyclohexane, pe...	7.633	17.5	ng	2720660	2	8.016	3104740	20.0
Undecane, 2,6-d...	8.439	24.9	ng	3869170	2	8.016	3104740	20.0
Cyclohexane, (1...	8.922	39.0	ng	1522330	3	9.769	780380	20.0
Dodecane, 2,7,1...	9.039	75.4	ng	2941730	3	9.769	780380	20.0
3,5-Dimethyldod...	9.180	42.4	ng	1653670	3	9.769	780380	20.0
Naphthalene, 2,...	9.363	18.8	ng	734581	3	9.769	780380	20.0
Naphthalene, 1,...	9.427	20.2	ng	788076	3	9.769	780380	20.0
Carbonic acid, ...	9.498	97.6	ng	3806580	3	9.769	780380	20.0
Cetene	9.674	19.7	ng	767318	3	9.769	780380	20.0
Naphthalene, 2-...	9.874	19.6	ng	763735	3	9.769	780380	20.0
Carbonic acid, ...	10.027	66.6	ng	2599960	3	9.769	780380	20.0
Naphthalene, 2,...	10.086	28.1	ng	1096930	3	9.769	780380	20.0
3-Oxoquinuclidi...	10.257	17.3	ng	675114	3	9.769	780380	20.0
Heptacosane	10.427	61.2	ng	2387870	3	9.769	780380	20.0
Pentadecane, 2,...	10.692	96.5	ng	4023980	4	11.257	833980	20.0
Tridecane	11.157	61.9	ng	2581880	4	11.257	833980	20.0
Dodecane, 1-iodo-	11.504	16.3	ng	678595	4	11.257	833980	20.0
Hexadecane, 2-m...	12.239	17.8	ng	740701	4	11.257	833980	20.0