LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130878.D
Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSP-SS-06-20-40

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	24	31	36	rVB	996561	1305940	41.29%	1.534%
2	5.093	502	511	514	rVV	270909	335178	10.60%	0.394%
3	5.169	520	524	528	rBV	338333	378606	11.97%	0.445%
4	5.363	552	557	560	rBV2	214849	307701	9.73%	0.361%
5	5.440	566	570	573	rBV2	433573	512911	16.22%	0.602%
6	5.557	584	590	593	rVV2	1891534	2377312	75.17%	2.792%
7	5.810	628	633	638	rVV4	150839	309182	9.78%	0.363%
8	6.010	663	667	669	rBV2	310371	373186	11.80%	0.438%
9	6.087	678	680	682	rVV	445954	356968	11.29%	0.419%
10	6.140	686	689	692	rVB	309968	299954	9.48%	0.352%
11	6.187	692	697	703	rBV2	788811	1157949	36.61%	1.360%
12	6.240	703	706	709	rVV2	342432	375504	11.87%	0.441%
13	6.375	724	729	732	rBV2	580214	848840	26.84%	0.997%
14	6.416	732	736	737	rVV2	358188	532050	16.82%	0.625%
15	6.434	737	739	742	rVB	959946	808111	25.55%	0.949%
16	6.469	742	745	746	rBV	343471	329055	10.40%	0.386%
17	6.487	746	748	752	rVB3	297328	364663	11.53%	0.428%
18	6.528	752	755	756	rBV	334782	308718	9.76%	0.363%
19	6.557	756	760	763	rVB	1748237	1703707	53.87%	2.001%
20	6.681	776	781	786	rBV5	302117	570588	18.04%	0.670%
21	6.722	786	788	793	rVB4	221748	292737	9.26%	0.344%
22	6.763	793	795	800	rBV3	307789	484346	15.32%	0.569%
23	6.875	808	814	816	rBV3	285445	465575	14.72%	0.547%
24	6.899	816	818	820	rVV3	322300	393433	12.44%	0.462%
25	6.916	820	821	823	rVV	401691	346963	10.97%	0.407%
26	6.946	823	826	829	rVB2	1379632	1386729	43.85%	1.629%
27	6.993	829	834	837	rBV2	467672	627997	19.86%	0.738%
28	7.051	841	844	847	rVV	604342	743859	23.52%	0.874%
29	7.087	847	850	853	rVV2	743456	906191	28.65%	1.064%
30	7.122	853	856	861	rVB3	613706	590373	18.67%	0.693%
31	7.163	861	863	865	rBV	341415	317877	10.05%	0.373%
32	7.187	865	867	869	rVV	655900	673356	21.29%	0.791%
33	7.210	869	871	874	rVV	970077	902829	28.55%	1.060%
34	7.240	874	876	878	rVV	314348	306843	9.70%	0.360%
35	7.263	878	880	881	rVV	622618	510334	16.14%	0.599%
36	7.281	881	883	886	rVB2	475190	449460	14.21%	0.528%

LSC Area Percent Report

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Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.340	886	893	895	rBV4	425170	618581	19.56%	0.726%
38	7.369	895	898	903	rVB3	244235	327434	10.35%	0.385%
39	7.475	910	916	919	rBV	2315463	2808600	88.81%	3.298%
40	7.510	919	922	927	rVV3	1674298	1981648	62.66%	2.327%
41	7.587	930	935	938	rBV4	791998	1222743	38.66%	1.436%
42	7.640	938	944	948	rBV3	669847	1268870	40.12%	1.490%
43	7.693	948	953	954	rBV3	414097	539249	17.05%	0.633%
44	7.710	954	956	961	rVV3	1410431	1502233	47.50%	1.764%
45	7.828	971	976	977	rBV3	895475	1089606	34.45%	1.280%
46	7.869	981	983	985	rBV3	516321	509983	16.13%	0.599%
47	7.898	985	988	992	rVB3	1420919	1722331	54.46%	2.023%
48	7.963	996	999	1003	rBV	1845450	2118004	66.97%	2.487%
49	8.046	1009	1013	1015	rBV2	666975	702955	22.23%	0.826%
50	8.093	1017	1021	1025	rVB	1134350	1248501	39.48%	1.466%
51	8.128	1025	1027	1029	rBV2	380429	368972	11.67%	0.433%
52	8.181	1031	1036	1037	rBV4	602566	770664	24.37%	0.905%
53	8.216	1038	1042	1044	rBV	859364	1080220	34.16%	1.269%
54	8.281	1050	1053	1056	rVB2	2284261	2662635	84.19%	3.127%
55	8.316	1056	1059	1061	rBV2	1109829	1136586	35.94%	1.335%
56	8.381	1066	1070	1072	rBV3	468347	542963	17.17%	0.638%
57	8.516	1085	1093	1098	rBV8	1481935	2674322	84.56%	3.141%
58	8.569	1099	1102	1106	rVB4	484944	540560	17.09%	0.635%
59	8.610	1106	1109	1112	rBV2	709144	838917	26.53%	0.985%
60	8.646	1112	1115	1118	rVV	2335495	2390882	75.60%	2.808%
61	8.693	1121	1123	1127	rVB4	576639	568208	17.97%	0.667%
62	8.734	1127	1130	1132	rBV3	590029	521115	16.48%	0.612%
63	8.816	1142	1144	1148	rBV3	583914	674937	21.34%	0.793%
64	8.910	1157	1160	1163	rVB3	760812	902606	28.54%	1.060%
65	8.945	1163	1166	1169	rVB	1233429	1055595	33.38%	1.240%
66	9.010	1174	1177	1179	rBV4	421231	562078	17.77%	0.660%
67	9.045	1180	1183	1186	rVB	1018835	943345	29.83%	1.108%
68	9.098	1190	1192	1194	rBV	544844	605334	19.14%	0.711%
69	9.140	1196	1199	1202	rVB4	905966	1108702	35.06%	1.302%
70	9.222	1210	1213	1215	rBV4	341964	378350	11.96%	0.444%
71	9.251	1215	1218	1224	rVB	2501979	2340582	74.01%	2.749%
72	9.304	1224	1227	1232	rVB	1697457	1744121	55.15%	2.048%
73	9.393	1237	1242	1244	rBV	719018	950317	30.05%	1.116%
74	9.504	1258	1261	1264	rVB2	432514	408108	12.90%	0.479%
75	9.575	1269	1273	1276	rVB2	716903	952967	30.13%	1.119%
76	9.622	1278	1281	1282	rVV3	315154	296296	9.37%	0.348%

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77	9.645	1282	1285	1288	rVV2	1028606	1421284	44.94%	1.669%
78	9.675	1288	1290	1292	rVV	816180	752468	23.79%	0.884%
79	9.704	1292	1295	1298	rVV3	2909138	3162546	100.00%	3.714%
80	9.728	1298	1299	1302	rVB	365157	291804	9.23%	0.343%
81	9.763	1302	1305	1307	rBV3	475129	463768	14.66%	0.545%
82	9.851	1317	1320	1323	rVB2	457090	481288	15.22%	0.565%
83	9.904	1323	1329	1331	rBV4	448475	677030	21.41%	0.795%
84	9.957	1335	1338	1339	rBV2	342744	341709	10.80%	0.401%
85	9.992	1339	1344	1346	rVV	688088	828701	26.20%	0.973%
86	10.092	1358	1361	1365	rVB2	375730	453147	14.33%	0.532%
87	10.134	1365	1368	1372	rBV4	265721	438779	13.87%	0.515%
88	10.192	1376	1378	1382	rVB2	456530	439918	13.91%	0.517%
89	10.234	1382	1385	1387	rBV	633439	623753	19.72%	0.733%
90	10.304	1394	1397	1400	rBV	362741	366373	11.58%	0.430%
91	10.334	1400	1402	1404	rVV	306546	290561	9.19%	0.341%
92	10.398	1409	1413	1415	rVV3	352987	488777	15.46%	0.574%
93	10.534	1433	1436	1448	rVB6	217924	471884	14.92%	0.554%
94	10.634	1449	1453	1459	rVB	826739	928862	29.37%	1.091%
95	10.781	1475	1478	1481	rVB	1144856	936460	29.61%	1.100%
96	10.898	1494	1498	1502	rBV	877040	855942	27.06%	1.005%
97	11.481	1593	1597	1599	rBV	759156	636250	20.12%	0.747%
98	13.069	1864	1867	1871	rVB	1461054	1261735	39.90%	1.482%
99	14.128	2043	2047	2050	rBV2	482669	509251	16.10%	0.598%
100	15.651	2302	2306	2310	rBV	319024	393707	12.45%	0.462%

Sum of corrected areas: 85151142

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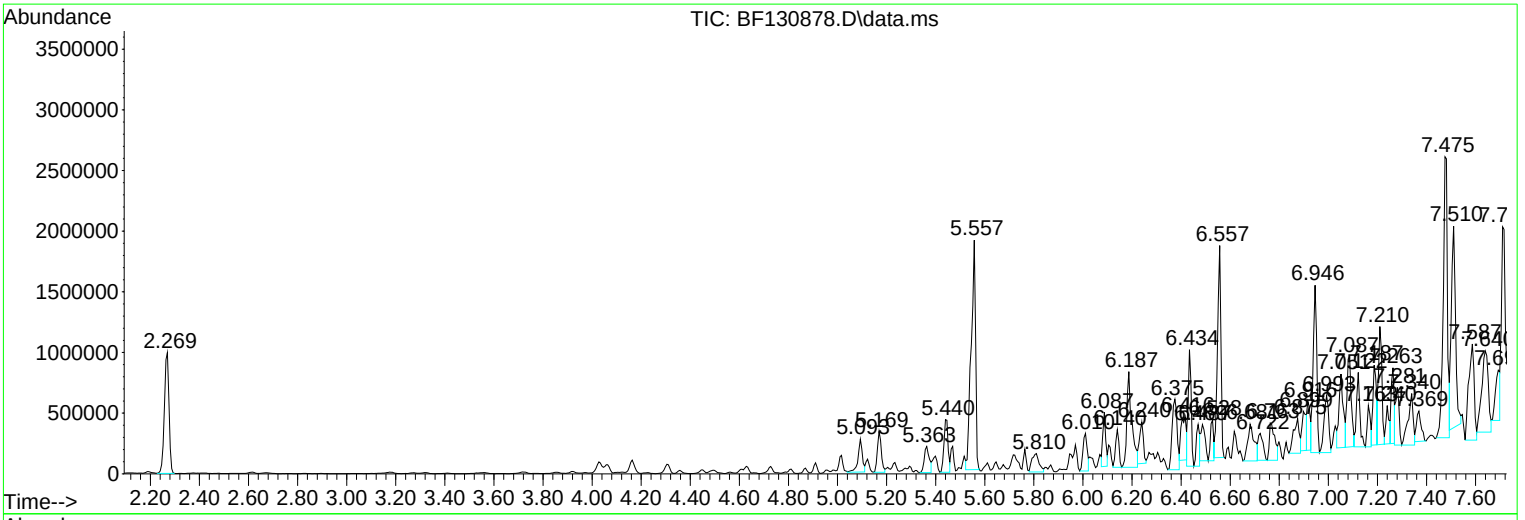
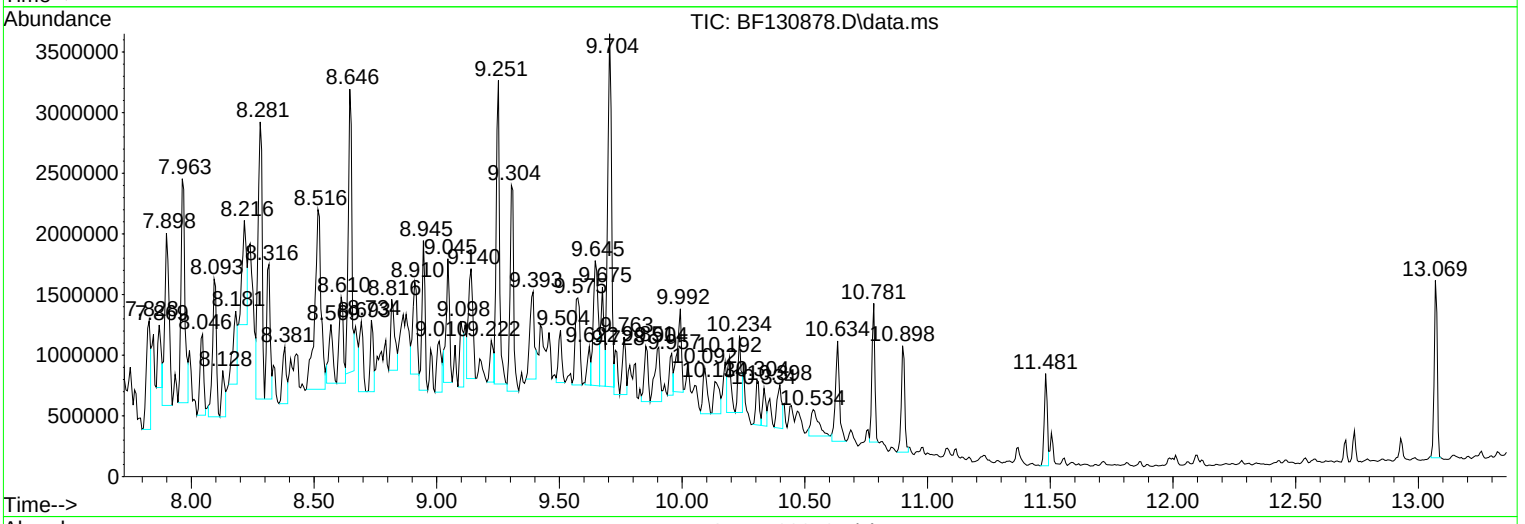
ALS Vial : 8 Sample Multiplier: 1

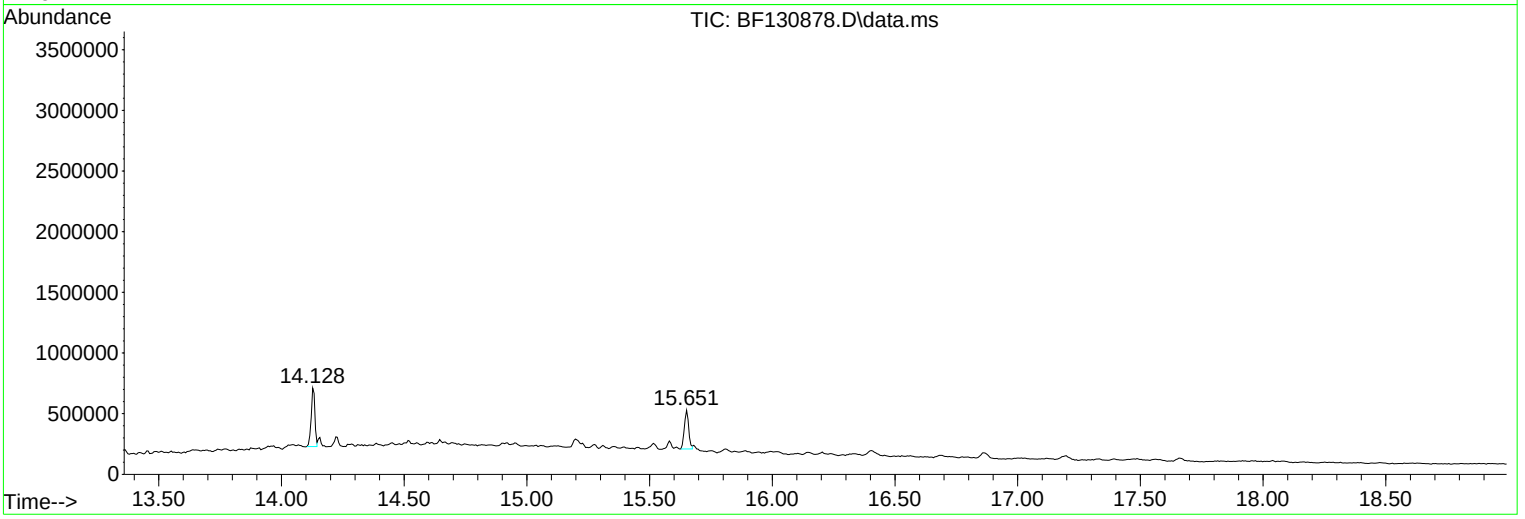
Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
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Instrument :
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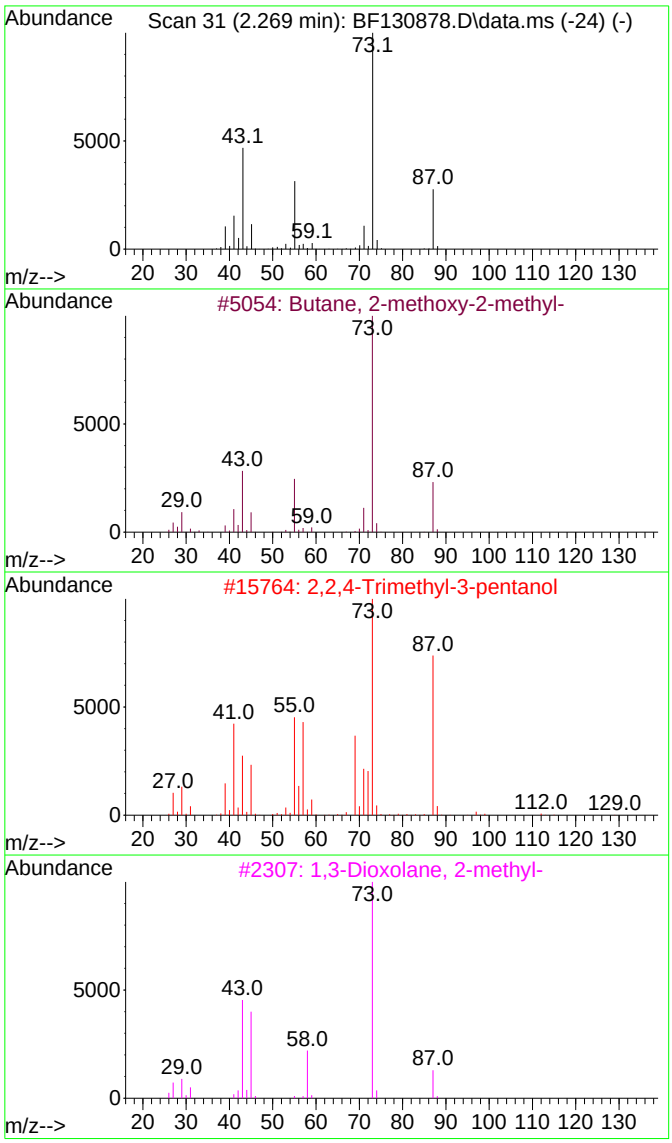
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

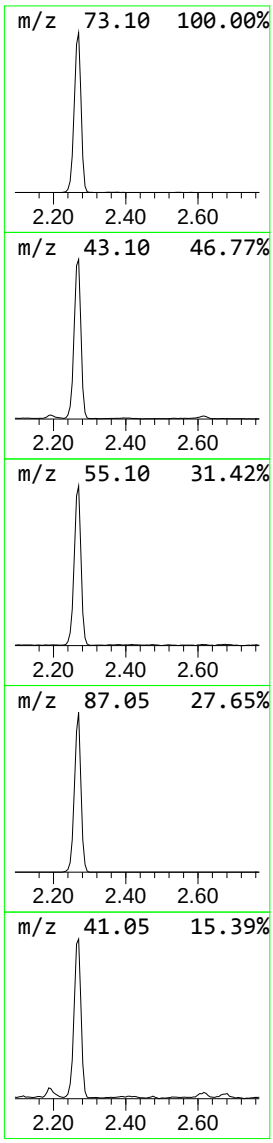
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	18.83 ng	1305940	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : N5234-07
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

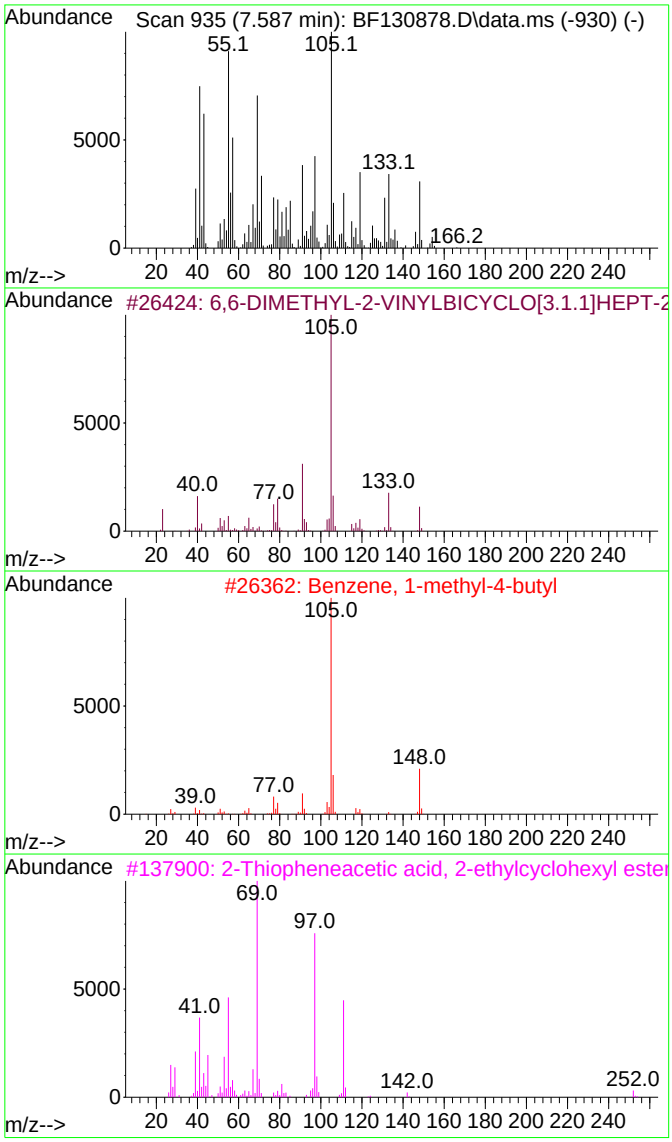
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

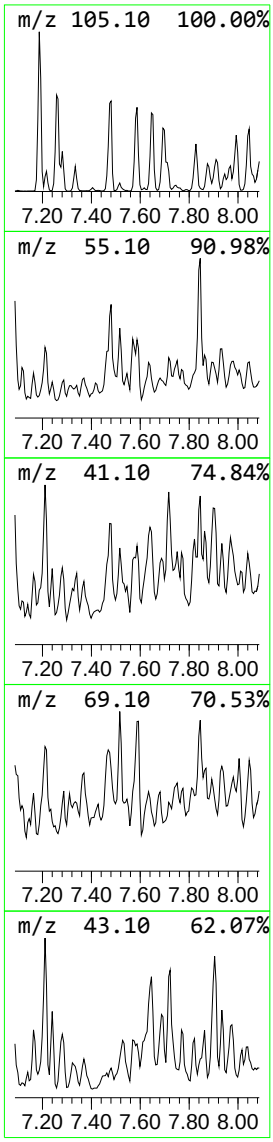
****

Peak Number 2 unknown7.587 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	22.64 ng	1222740	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-DIMETHYL-2-VINYLBICYCLO[3.1....	148	C11H16	000473-00-7	25
2	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	15
3	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	14
4	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	11
5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	11





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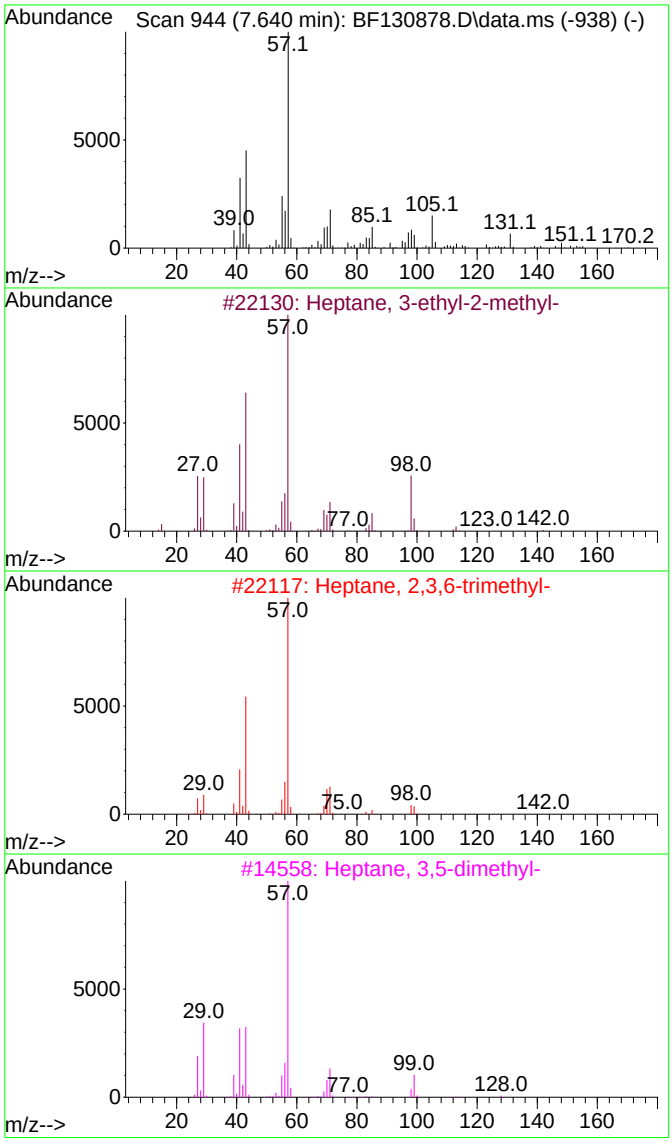
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

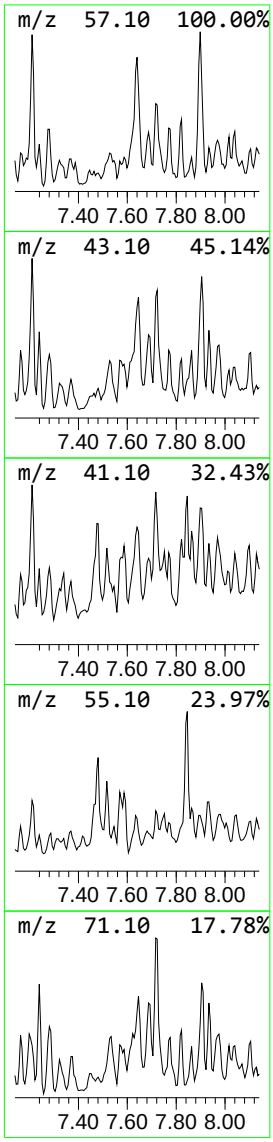
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.640	23.49 ng	1268870	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

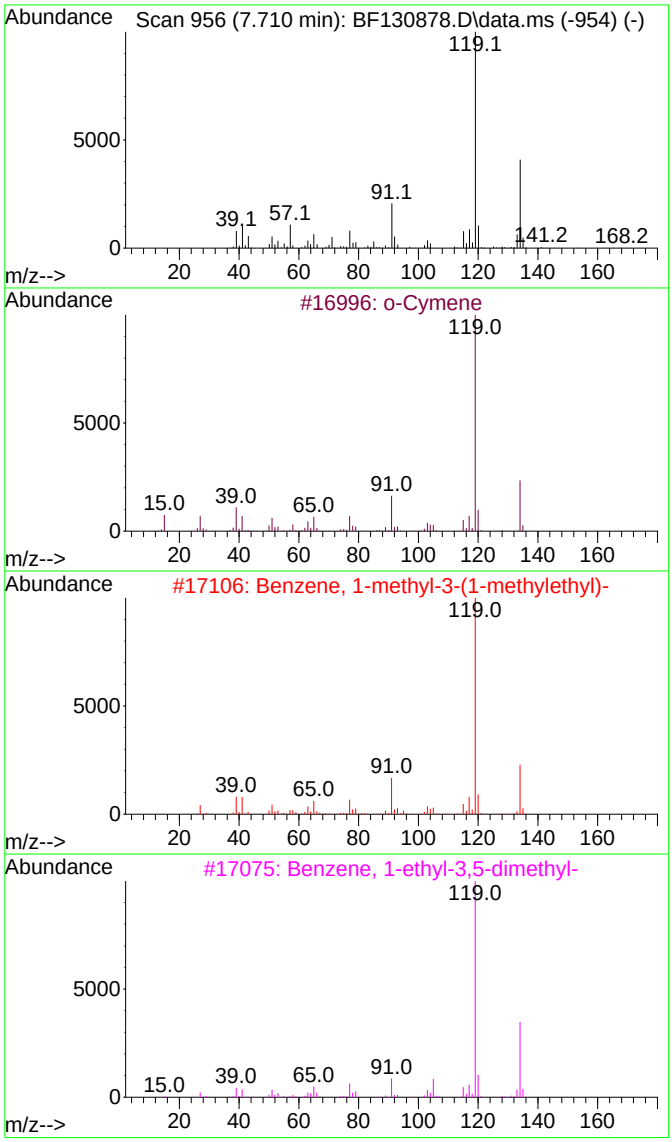
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

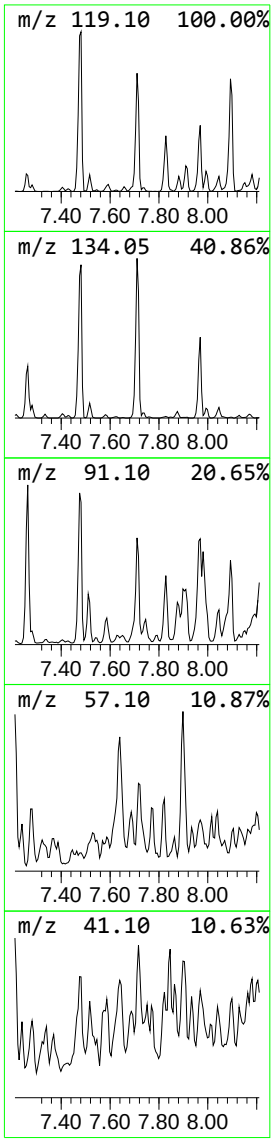
****

Peak Number 4 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	27.81 ng	1502230	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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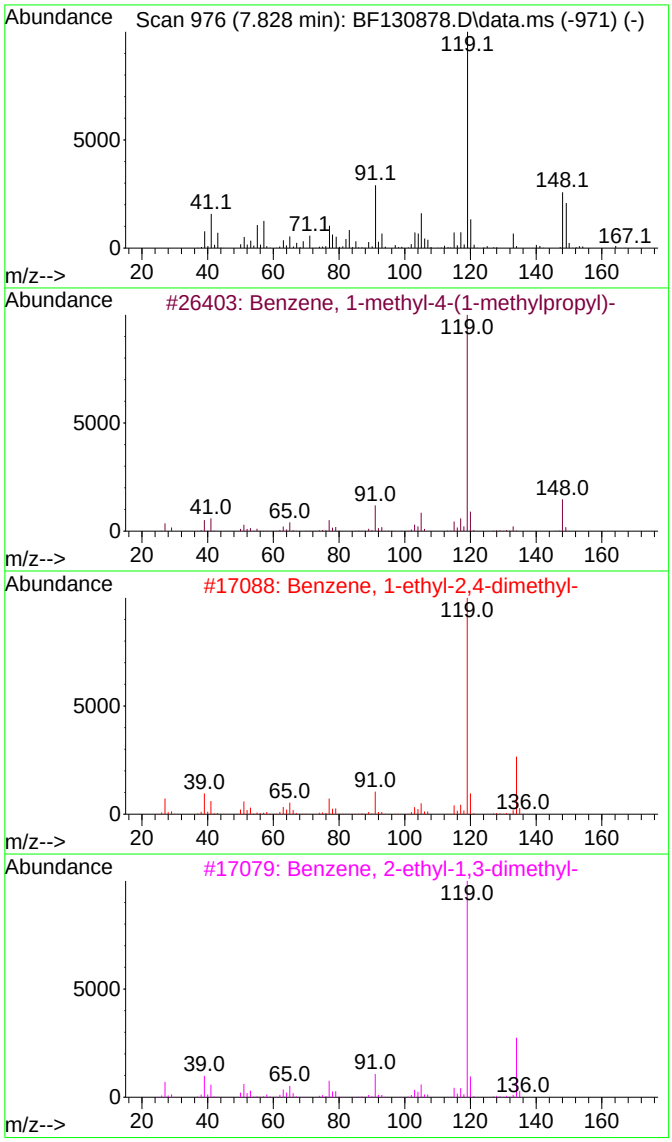
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

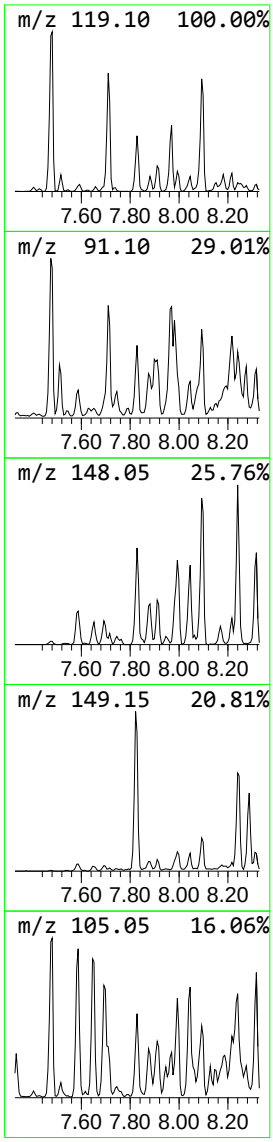
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	20.17 ng	1089610	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	62
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





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Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-06-20-40

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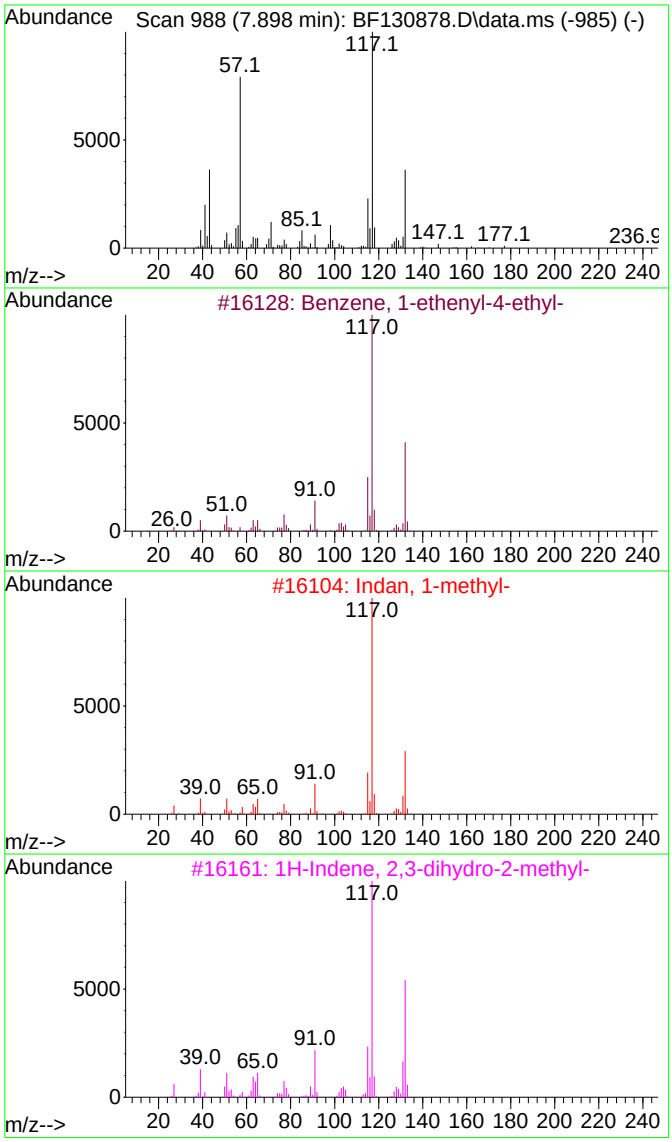
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

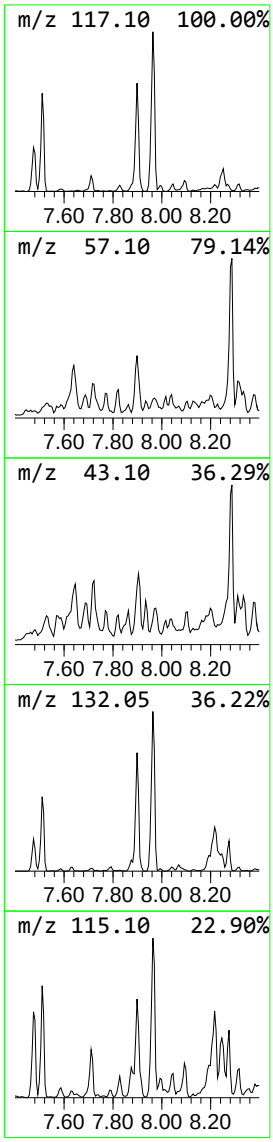
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	31.89 ng	1722330	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2	Indan, 1-methyl-	132	C10H12	000767-58-8	64
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	59
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	59
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	59





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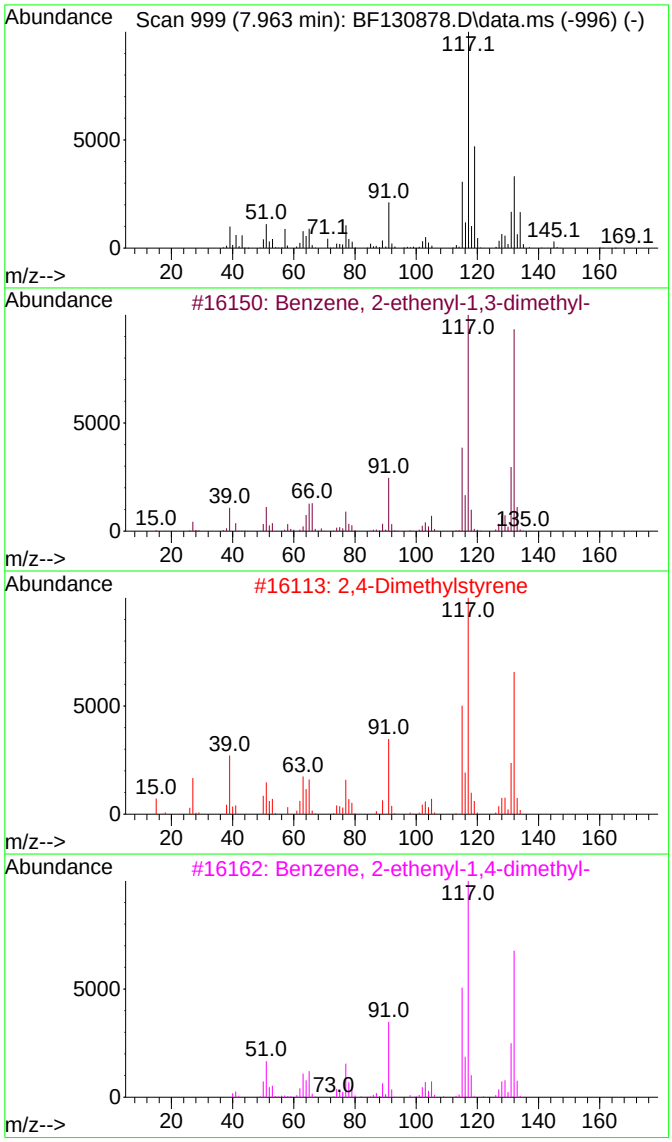
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

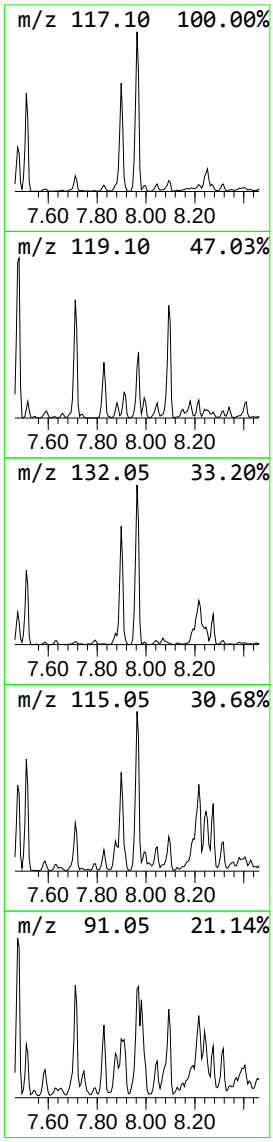
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.963	39.21 ng	2118000	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





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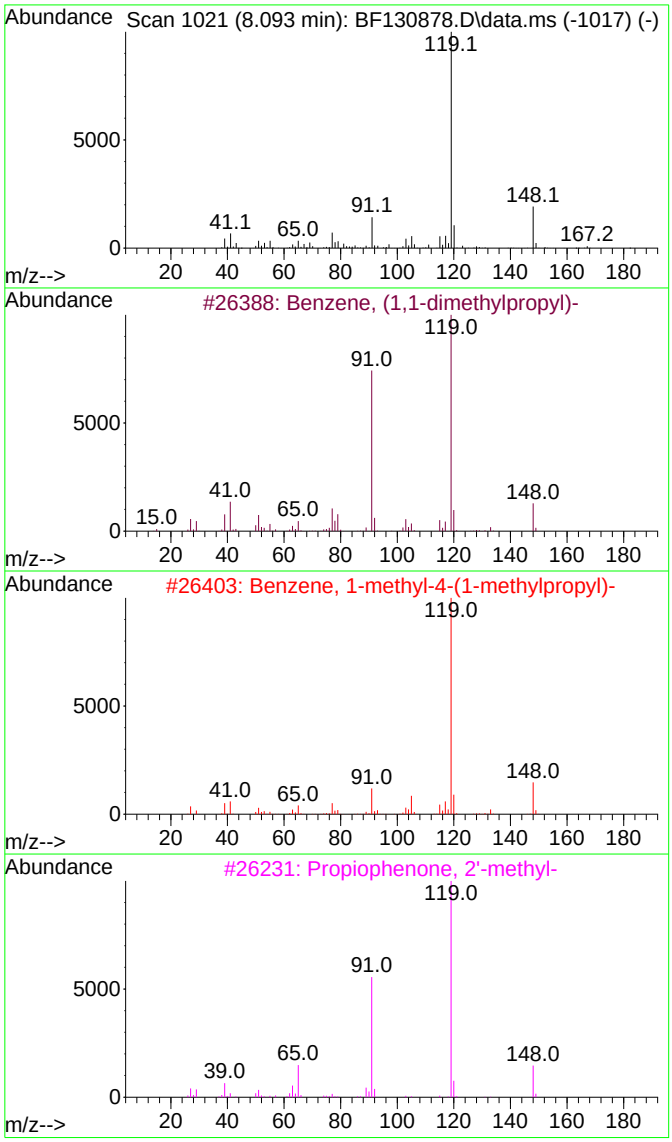
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

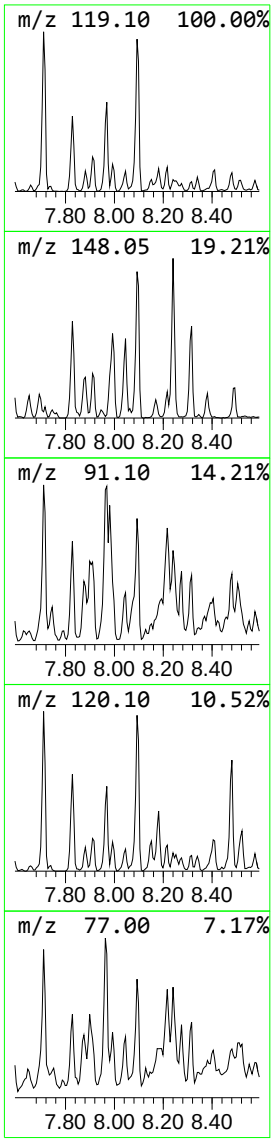
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,1-dimethylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	23.12 ng	1248500	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
3	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	72
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





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ALS Vial : 8 Sample Multiplier: 1

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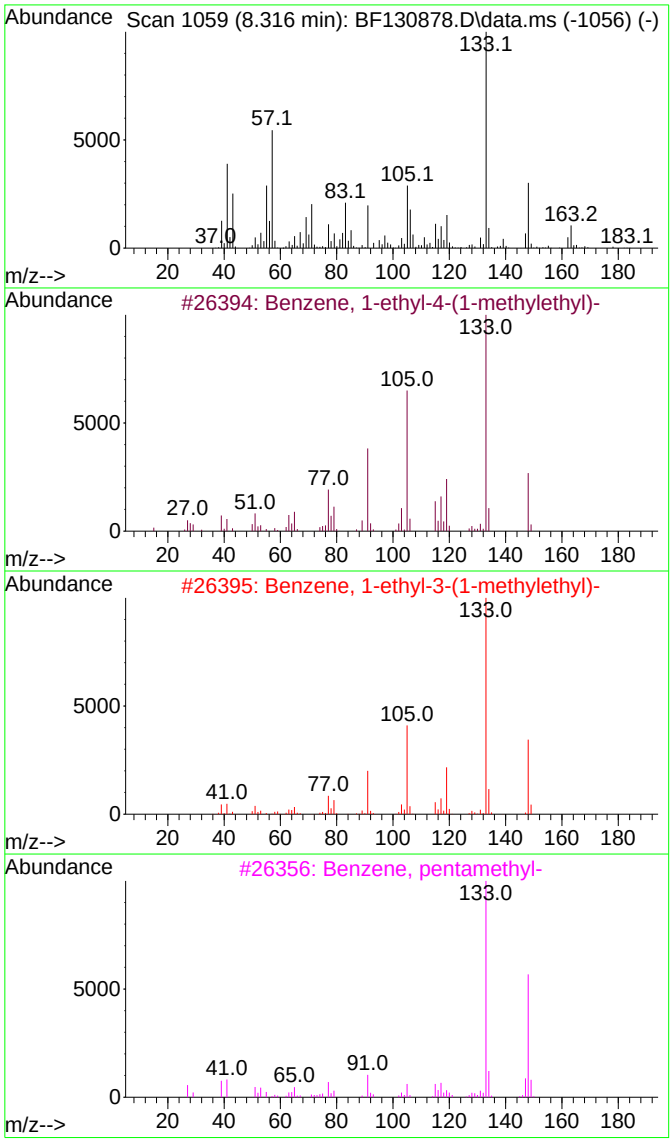
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

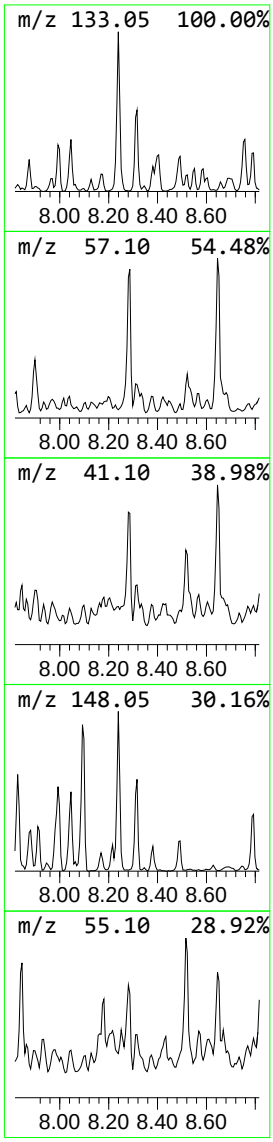
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	21.04 ng	1136590	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	52
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	49





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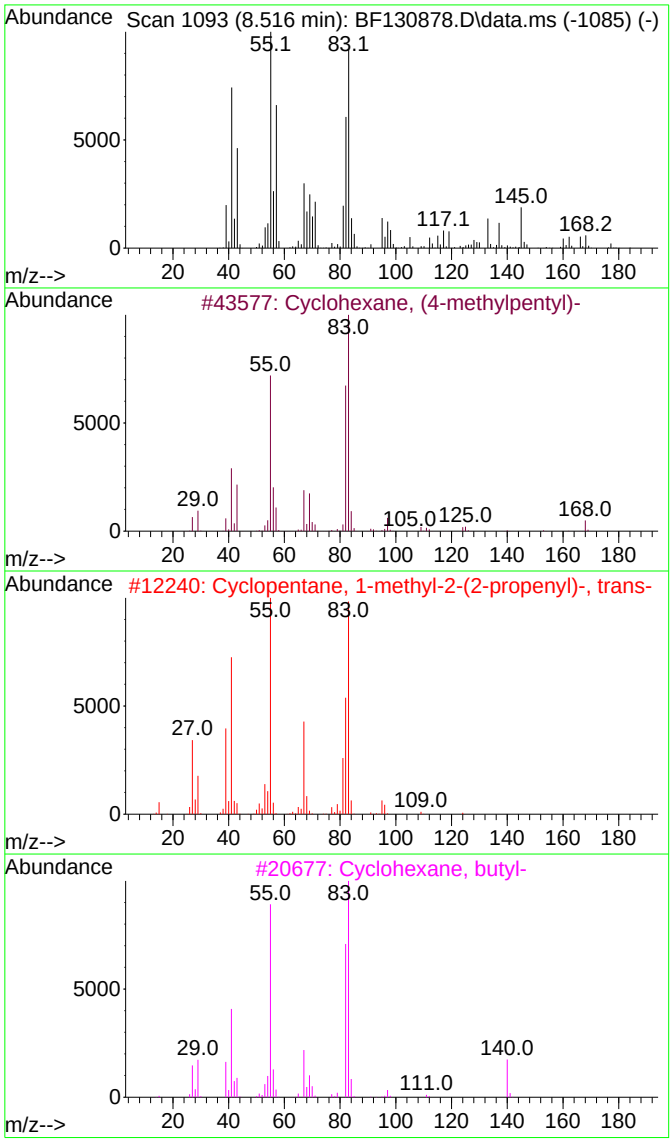
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

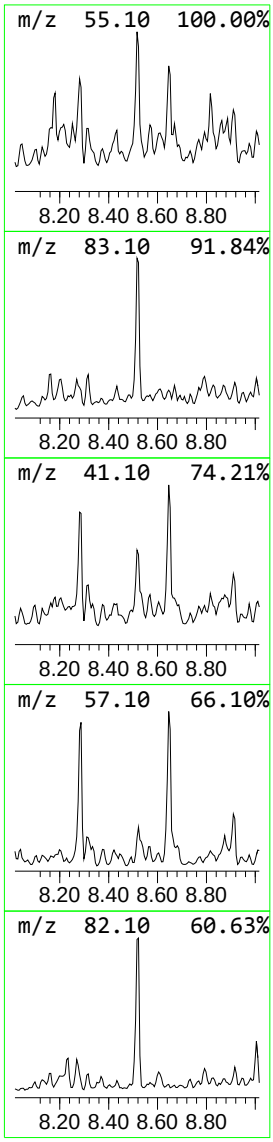
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	49.51 ng	2674320	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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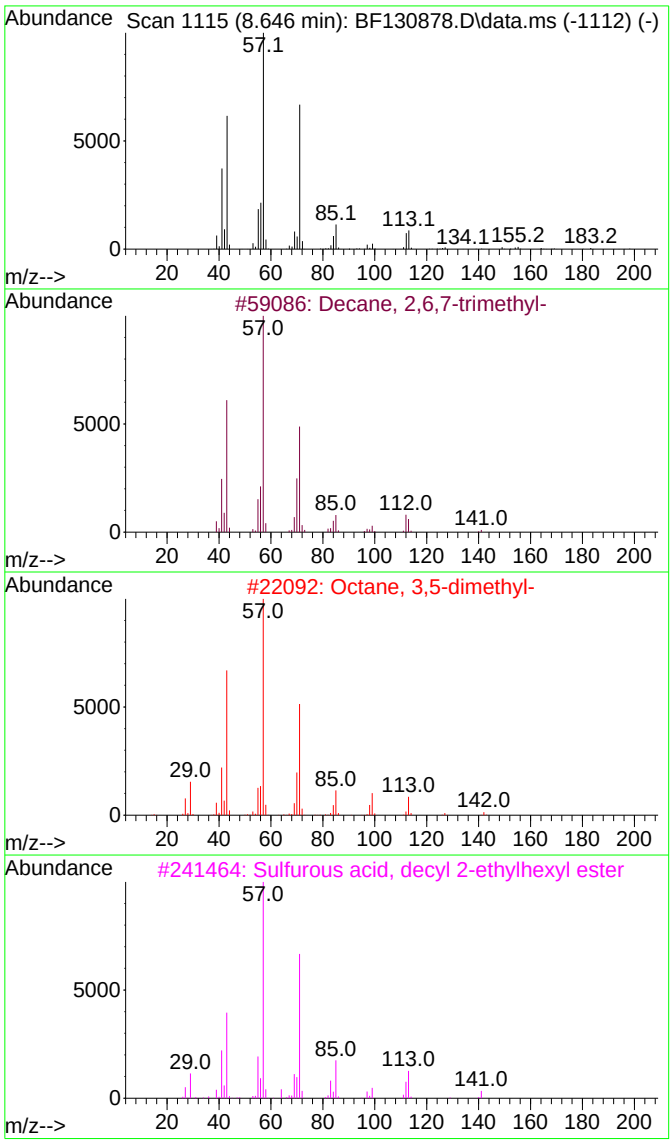
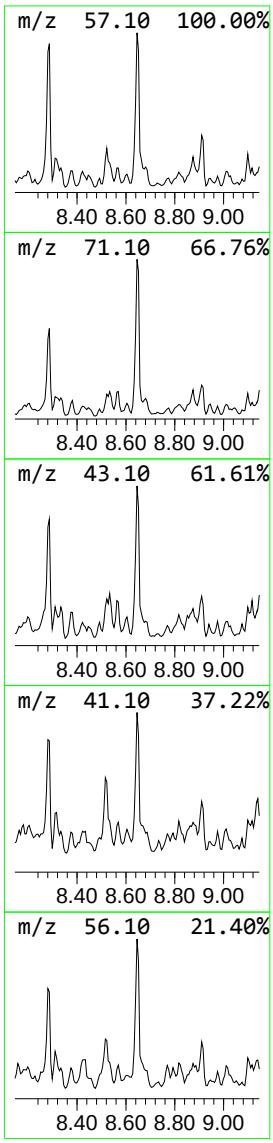
Peak Number 11 Decane, 2,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.646	44.27 ng	2390880	Naphthalene-d8	8.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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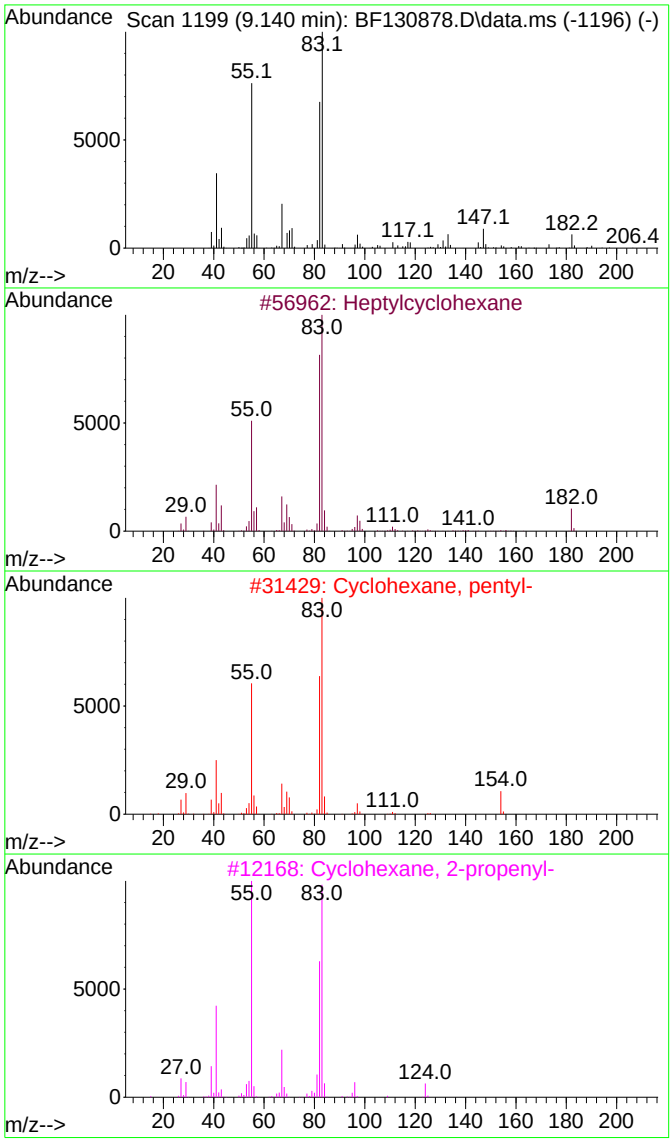
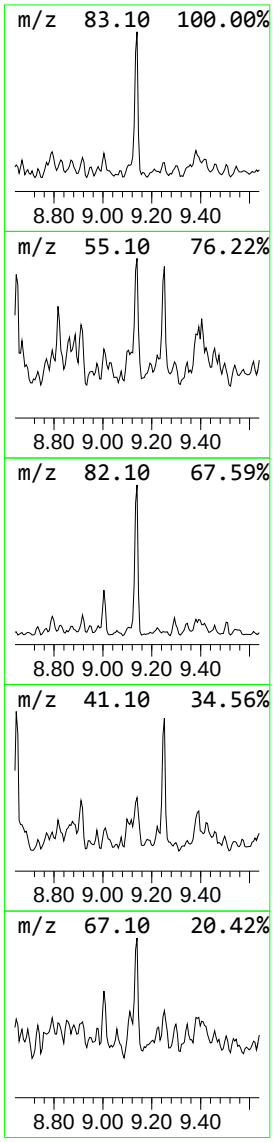
Peak Number 12 Heptylcyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.140	26.76 ng	1108700	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	59
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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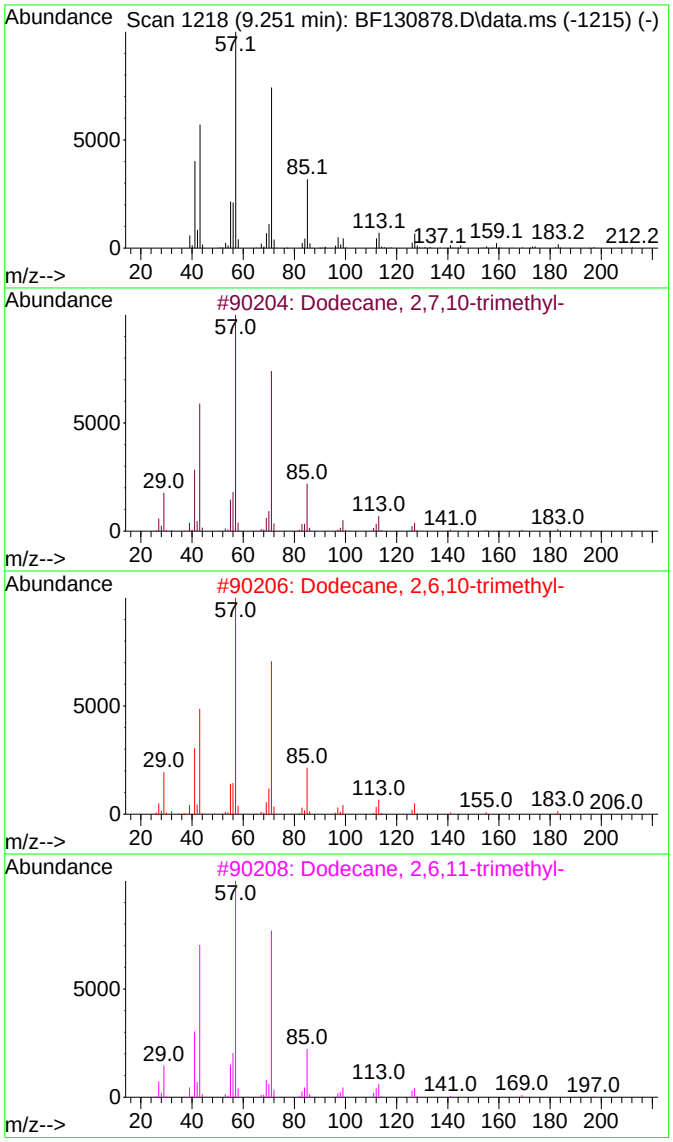
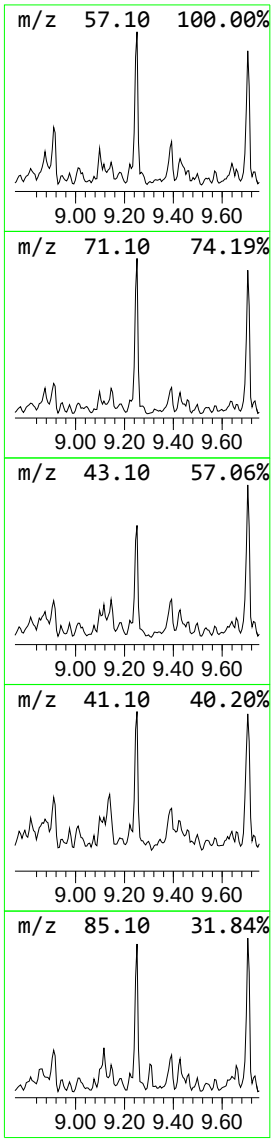
Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	56.49 ng	2340580	Acenaphthene-d10	9.992

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	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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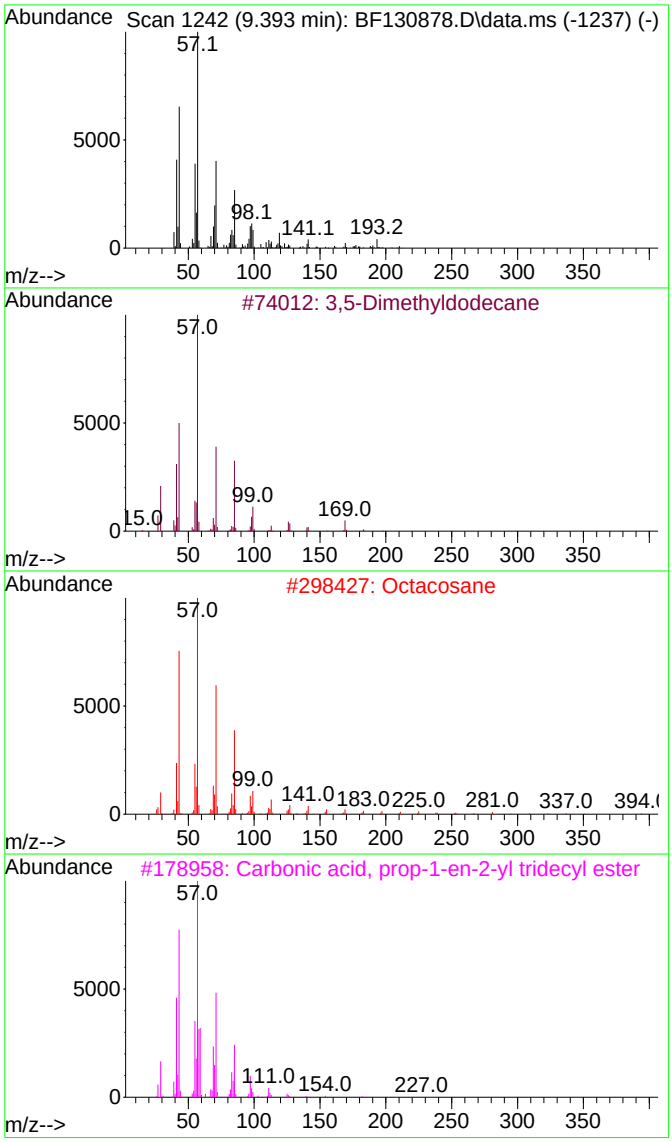
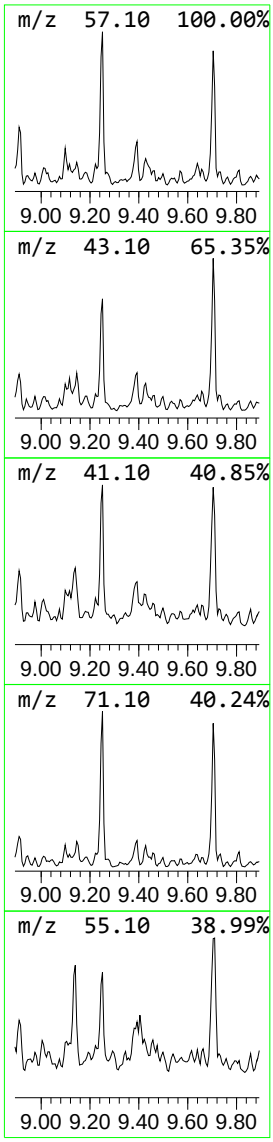
Peak Number 14 3,5-Dimethyldodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.393	22.94 ng	950317	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2	Octacosane	394	C28H58	000630-02-4	58
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Hexacosane	366	C26H54	000630-01-3	58





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

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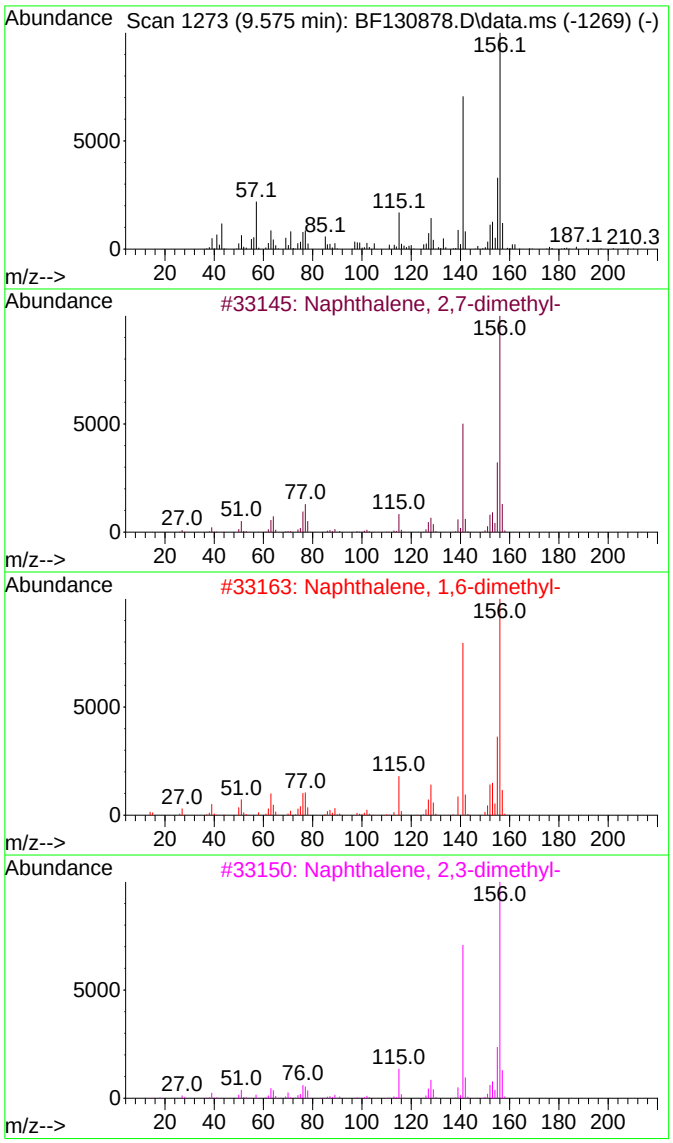
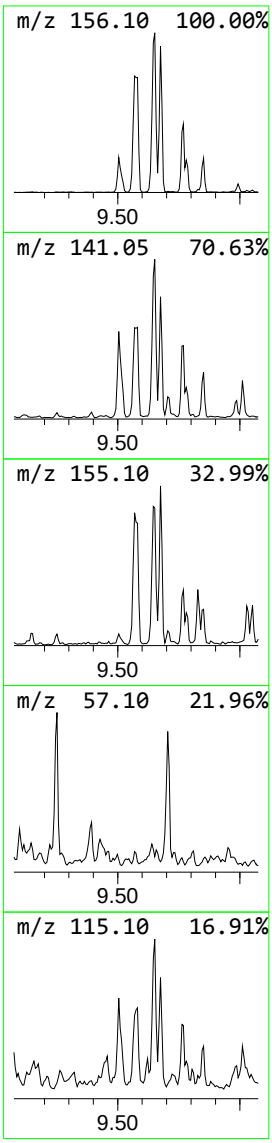
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	23.00 ng	952967	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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

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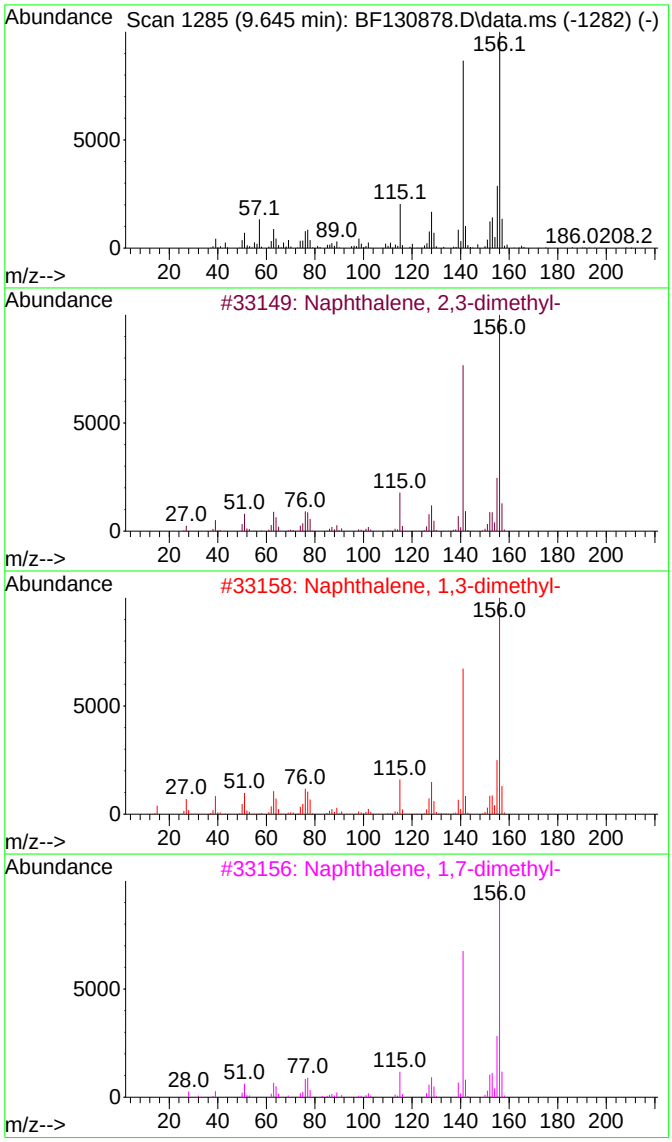
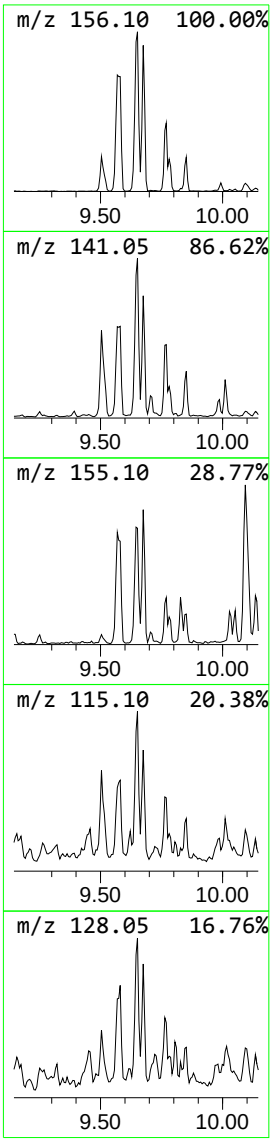
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	34.30 ng	1421280	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130878.D
Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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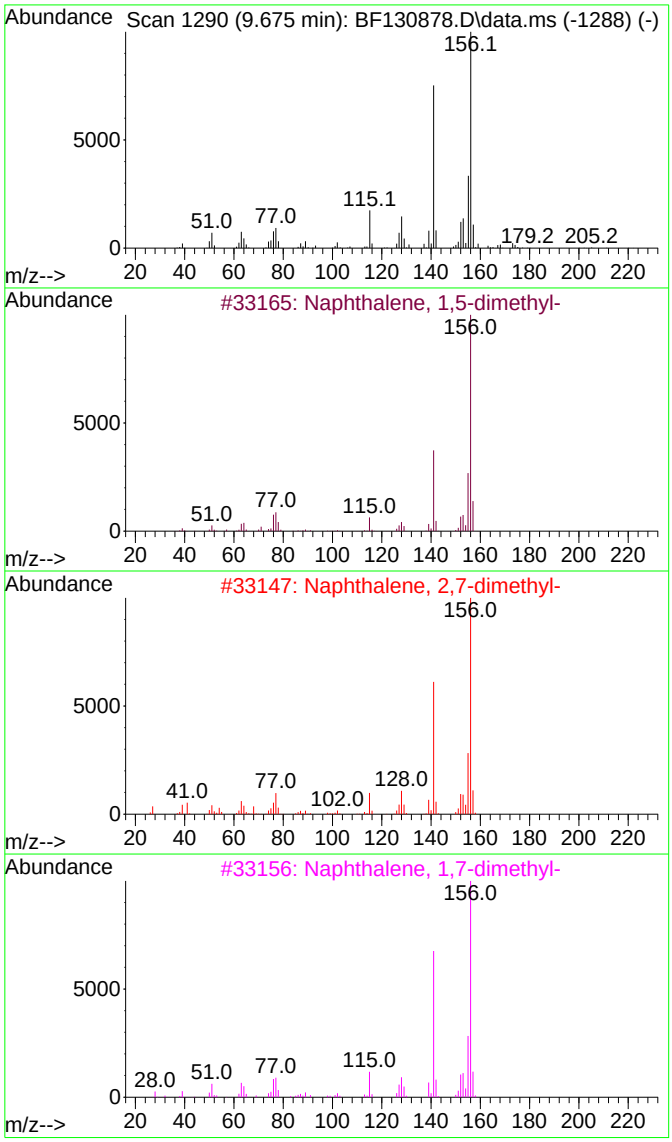
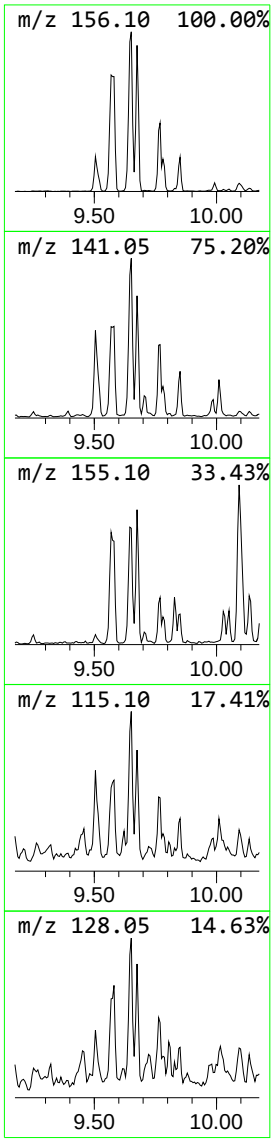
Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	18.16 ng	752468	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

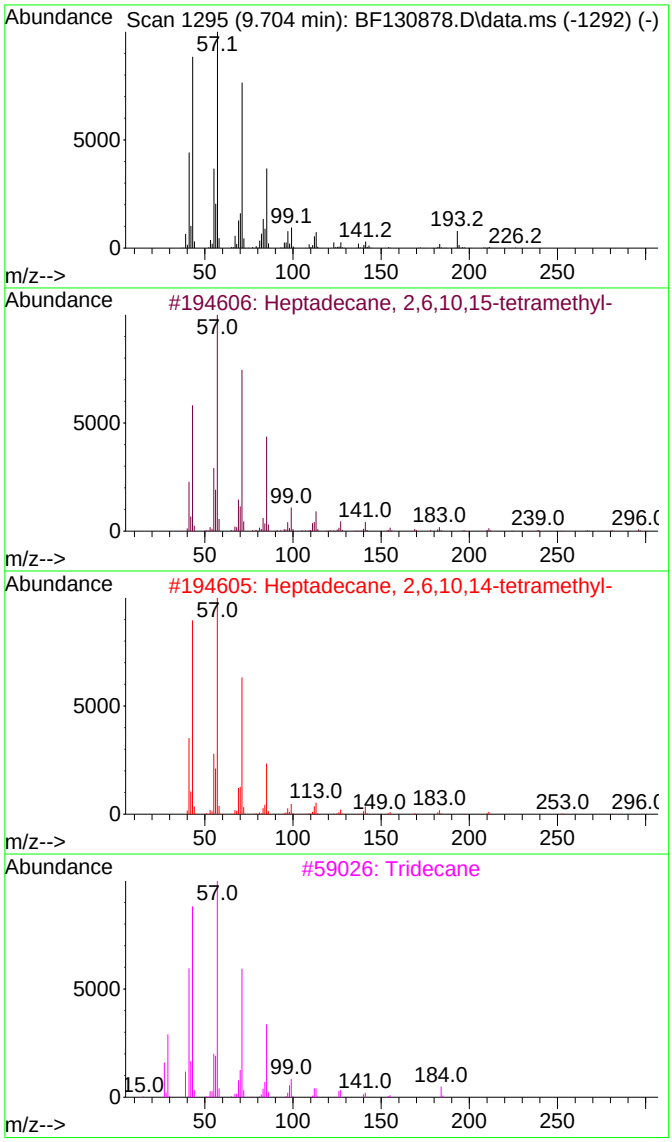
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

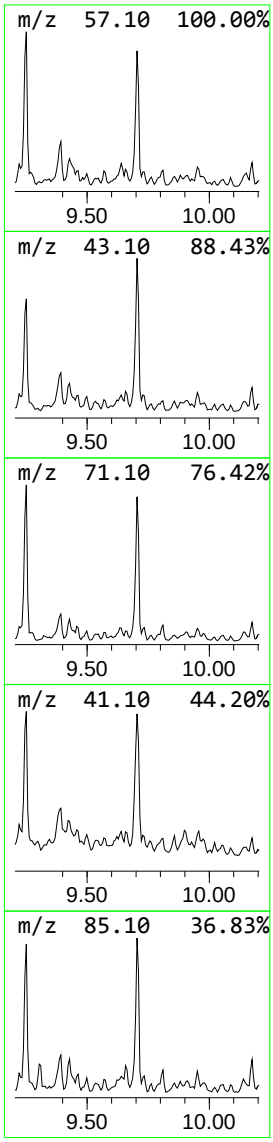
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	76.33 ng	3162550	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130878.D
Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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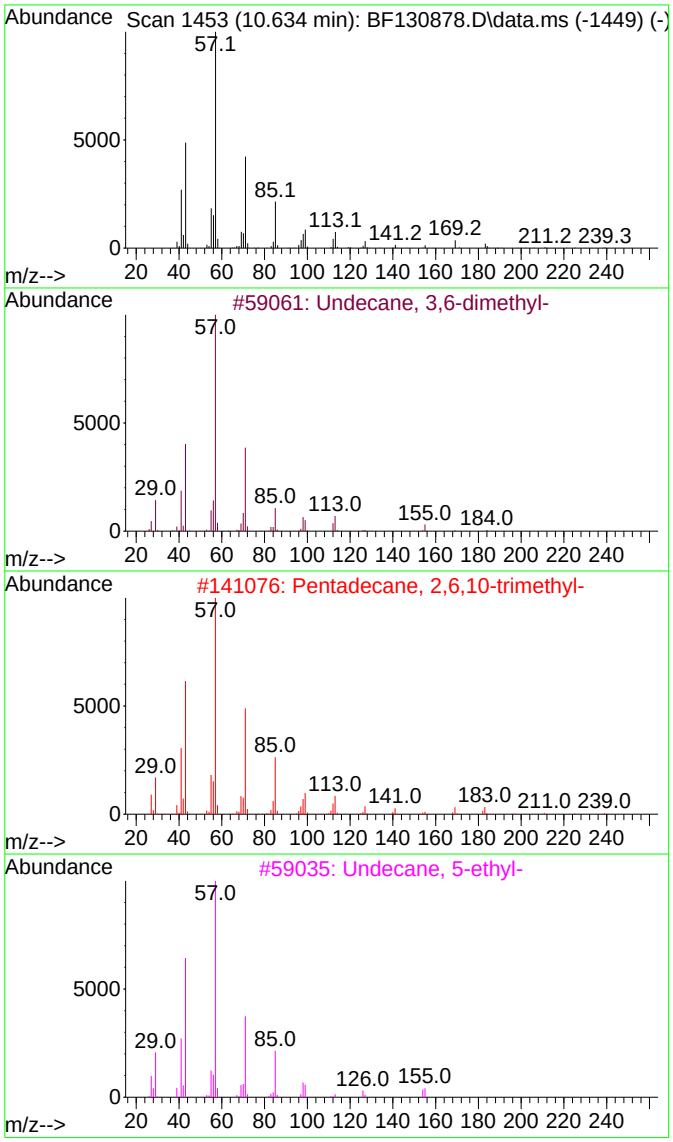
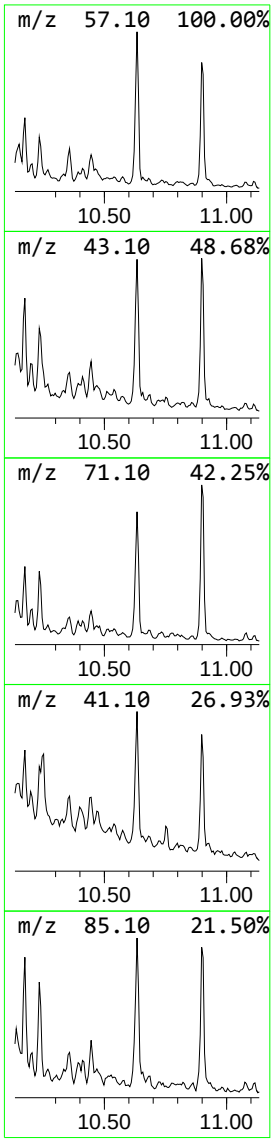
Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	22.42 ng	928862	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Nonadecane	268	C19H40	000629-92-5	64





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Data File : BF130878.D
Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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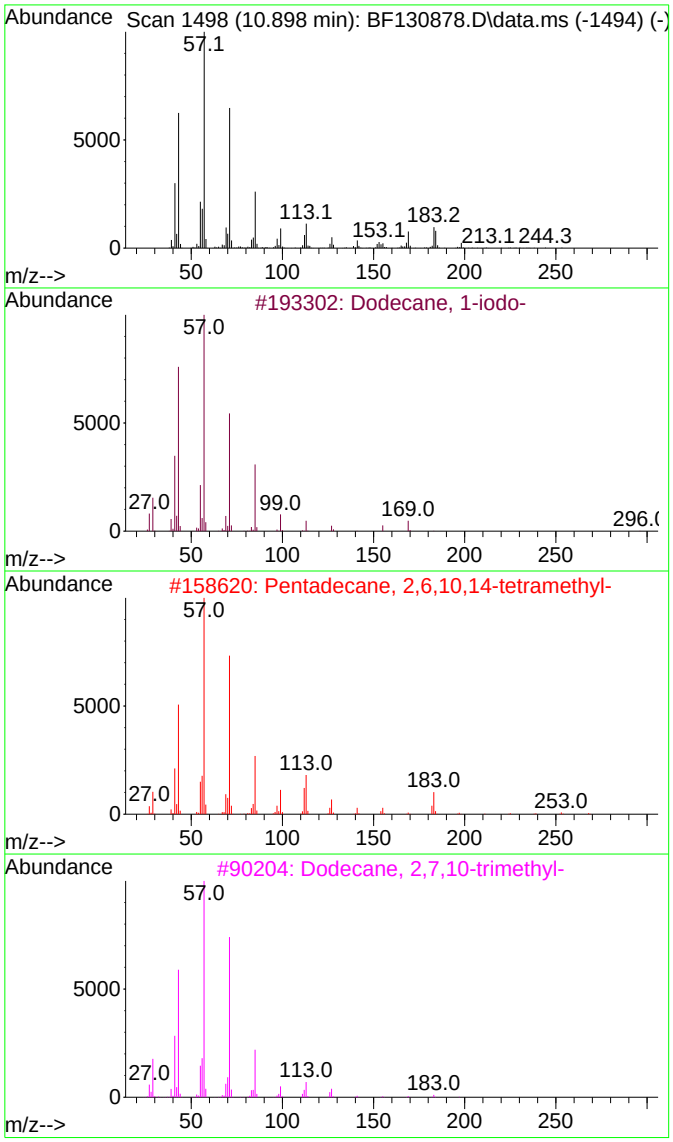
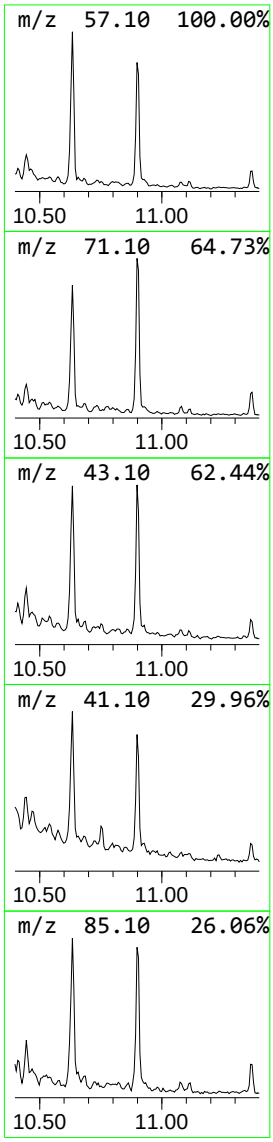
Peak Number 20 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	26.91 ng	855942	Phenanthrene-d10	11.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130878.D
Acq On : 31 Oct 2022 14:26
Operator : CG\JU
Sample : N5234-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-06-20-40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.269	18.8	ng	1305940	1	6.940	1386730	20.0
unknown7.587	7.587	22.6	ng	1222740	2	8.228	1080220	20.0
Heptane, 3-ethy...	7.640	23.5	ng	1268870	2	8.228	1080220	20.0
o-Cymene	7.710	27.8	ng	1502230	2	8.228	1080220	20.0
Benzene, 1-meth...	7.828	20.2	ng	1089610	2	8.228	1080220	20.0
Benzene, 1-ethe...	7.898	31.9	ng	1722330	2	8.228	1080220	20.0
Benzene, 2-ethe...	7.963	39.2	ng	2118000	2	8.228	1080220	20.0
Benzene, (1,1-d...	8.093	23.1	ng	1248500	2	8.228	1080220	20.0
Benzene, 1-ethy...	8.316	21.0	ng	1136590	2	8.228	1080220	20.0
Cyclohexane, (4...	8.516	49.5	ng	2674320	2	8.228	1080220	20.0
Decane, 2,6,7-t...	8.646	44.3	ng	2390880	2	8.228	1080220	20.0
Heptylcyclohexane	9.140	26.8	ng	1108700	3	9.992	828701	20.0
Dodecane, 2,7,1...	9.251	56.5	ng	2340580	3	9.992	828701	20.0
3,5-Dimethyldod...	9.393	22.9	ng	950317	3	9.992	828701	20.0
Naphthalene, 2,...	9.575	23.0	ng	952967	3	9.992	828701	20.0
Naphthalene, 2,...	9.645	34.3	ng	1421280	3	9.992	828701	20.0
Naphthalene, 1,...	9.675	18.2	ng	752468	3	9.992	828701	20.0
Heptadecane, 2,...	9.704	76.3	ng	3162550	3	9.992	828701	20.0
Undecane, 3,6-d...	10.634	22.4	ng	928862	3	9.992	828701	20.0
Dodecane, 1-iodo-	10.898	26.9	ng	855942	4	11.481	636250	20.0