LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123801.D
Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	564	567	576	rVB	1813782	1602576	38.45%	2.807%
2	6.057	672	675	681	rVB3	181927	203619	4.89%	0.357%
3	6.245	702	707	710	rBV	135357	157122	3.77%	0.275%
4	6.340	720	723	725	rBV2	164788	177329	4.25%	0.311%
5	6.410	731	735	737	rBV2	145051	152730	3.66%	0.268%
6	6.440	737	740	745	rVB	1967468	1625065	38.99%	2.846%
7	6.487	745	748	755	rVB4	101121	183093	4.39%	0.321%
8	6.551	755	759	763	rBV5	203470	301801	7.24%	0.529%
9	6.645	771	775	777	rBV3	226509	255363	6.13%	0.447%
10	6.810	799	803	810	rVB	2318877	2263814	54.32%	3.965%
11	6.869	810	813	817	rBV3	345279	340519	8.17%	0.596%
12	6.957	825	828	832	rVB	433707	347034	8.33%	0.608%
13	6.992	832	834	836	rVB	186184	136785	3.28%	0.240%
14	7.045	840	843	844	rBV2	166365	151607	3.64%	0.266%
15	7.087	847	850	853	rVB2	466953	455185	10.92%	0.797%
16	7.128	853	857	859	rBV2	410011	402142	9.65%	0.704%
17	7.151	859	861	865	rBV2	156321	157325	3.77%	0.276%
18	7.204	867	870	873	rBV2	621790	543715	13.05%	0.952%
19	7.240	873	876	880	rVB5	136275	200361	4.81%	0.351%
20	7.298	880	886	888	rBV3	143883	236760	5.68%	0.415%
21	7.345	889	894	896	rBV3	601106	826671	19.83%	1.448%
22	7.369	896	898	900	rVB	977065	720876	17.30%	1.263%
23	7.410	903	905	908	rVB	907068	681486	16.35%	1.194%
24	7.463	908	914	916	rVB4	636892	916156	21.98%	1.605%
25	7.498	916	920	922	rBV4	289331	376879	9.04%	0.660%
26	7.528	922	925	929	rVB5	208433	223572	5.36%	0.392%
27	7.569	929	932	933	rBV2	120898	128753	3.09%	0.226%
28	7.616	933	940	944	rVB3	643509	1066403	25.59%	1.868%
29	7.698	950	954	955	rBV2	271012	258987	6.21%	0.454%
30	7.734	958	960	964	rVB4	394330	481043	11.54%	0.843%
31	7.781	965	968	970	rVB2	312616	287222	6.89%	0.503%
32	7.816	970	974	975	rBV3	467946	445649	10.69%	0.781%
33	7.834	975	977	979	rBV	393337	326805	7.84%	0.572%
34	7.892	984	987	989	rBV3	236051	267460	6.42%	0.468%
35	7.916	989	991	992	rVV	307912	230695	5.54%	0.404%
36	7.934	992	994	997	rVB	430594	318494	7.64%	0.558%

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Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.963	997	999	1001	rBV	321510	314460	7.54%	0.551%
38	7.998	1003	1005	1008	rVB2	179809	134961	3.24%	0.236%
39	8.034	1009	1011	1012	rBV	229854	174939	4.20%	0.306%
40	8.092	1016	1021	1025	rVV2	2867781	4167824	100.00%	7.300%
41	8.145	1028	1030	1031	rVV2	386202	366353	8.79%	0.642%
42	8.157	1031	1032	1035	rVB	843242	588425	14.12%	1.031%
43	8.187	1035	1037	1044	rVB4	478333	561248	13.47%	0.983%
44	8.251	1044	1048	1049	rBV3	212789	218153	5.23%	0.382%
45	8.292	1053	1055	1059	rVB2	469650	503432	12.08%	0.882%
46	8.339	1059	1063	1067	rBV5	227053	385167	9.24%	0.675%
47	8.392	1067	1072	1074	rBV5	636541	848229	20.35%	1.486%
48	8.445	1078	1081	1083	rBV3	477461	427328	10.25%	0.749%
49	8.475	1083	1086	1090	rVB3	659471	676303	16.23%	1.185%
50	8.522	1090	1094	1096	rBV	1291331	1154283	27.70%	2.022%
51	8.539	1096	1097	1099	rVB	423116	224655	5.39%	0.394%
52	8.563	1099	1101	1103	rVB2	373177	294233	7.06%	0.515%
53	8.598	1104	1107	1110	rVB2	814071	677970	16.27%	1.188%
54	8.639	1110	1114	1116	rBV4	259679	303280	7.28%	0.531%
55	8.692	1119	1123	1126	rBV	2450771	2305983	55.33%	4.039%
56	8.757	1131	1134	1136	rVB2	457449	359152	8.62%	0.629%
57	8.786	1136	1139	1141	rVB3	557781	536430	12.87%	0.940%
58	8.875	1151	1154	1157	rBV3	132380	231560	5.56%	0.406%
59	8.916	1159	1161	1164	rVB	501125	401931	9.64%	0.704%
60	8.975	1168	1171	1172	rBV3	317419	281804	6.76%	0.494%
61	9.057	1180	1185	1187	rVB3	523617	645768	15.49%	1.131%
62	9.092	1188	1191	1193	rVV	468790	370501	8.89%	0.649%
63	9.122	1193	1196	1201	rVV2	1128275	1159123	27.81%	2.030%
64	9.169	1201	1204	1207	rVV	1909559	1393119	33.43%	2.440%
65	9.210	1209	1211	1213	rVB3	168412	121620	2.92%	0.213%
66	9.257	1215	1219	1223	rVV	2699495	2407368	57.76%	4.217%
67	9.298	1223	1226	1228	rVV3	265438	378375	9.08%	0.663%
68	9.322	1228	1230	1236	rVV4	462583	558870	13.41%	0.979%
69	9.369	1236	1238	1241	rVB2	181894	150107	3.60%	0.263%
70	9.486	1255	1258	1260	rBV3	152235	224268	5.38%	0.393%
71	9.510	1260	1262	1264	rVV	398250	398310	9.56%	0.698%
72	9.533	1264	1266	1268	rVV	408636	329405	7.90%	0.577%
73	9.575	1268	1273	1275	rVV2	1087790	1229919	29.51%	2.154%
74	9.598	1275	1277	1280	rVV2	486353	446439	10.71%	0.782%
75	9.633	1280	1283	1286	rVV2	406814	354060	8.50%	0.620%
76	9.663	1286	1288	1294	rVB6	130511	204790	4.91%	0.359%

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Sample : M2238-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-02-043021

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.763	1301	1305	1306	rBV3	147287	165260	3.97%	0.289%
78	9.786	1306	1309	1313	rVV	1537282	1358084	32.58%	2.379%
79	9.828	1313	1316	1317	rVV3	213280	242011	5.81%	0.424%
80	9.851	1317	1320	1323	rVV	2275828	2036045	48.85%	3.566%
81	9.957	1336	1338	1343	rVB4	128995	115287	2.77%	0.202%
82	10.022	1344	1349	1351	rVV2	156331	283976	6.81%	0.497%
83	10.045	1351	1353	1355	rVV2	202777	205756	4.94%	0.360%
84	10.104	1359	1363	1367	rVV3	277247	367280	8.81%	0.643%
85	10.281	1390	1393	1396	rVB	827445	660648	15.85%	1.157%
86	10.504	1425	1431	1437	rBV	241509	331346	7.95%	0.580%
87	10.633	1448	1453	1457	rVB	808033	700688	16.81%	1.227%
88	10.757	1471	1474	1482	rVB	393161	491575	11.79%	0.861%
89	11.204	1547	1550	1553	rBV	196666	156312	3.75%	0.274%
90	11.333	1568	1572	1575	rBV	2092687	1729950	41.51%	3.030%
91	12.427	1753	1758	1763	rVV3	154007	178089	4.27%	0.312%
92	12.798	1819	1821	1824	rVV	172070	157611	3.78%	0.276%
93	12.922	1838	1842	1845	rBV	1162421	1022812	24.54%	1.792%
94	13.157	1879	1882	1888	rVB	171886	148575	3.56%	0.260%
95	13.833	1994	1997	2000	rBV	165149	194539	4.67%	0.341%
96	13.974	2018	2021	2025	rBV	1298302	1288307	30.91%	2.257%
97	14.145	2048	2050	2054	rVB	138335	132267	3.17%	0.232%
98	14.451	2100	2102	2105	rVB	140535	117701	2.82%	0.206%
99	15.092	2209	2211	2217	rVB	143966	147370	3.54%	0.258%
100	15.433	2265	2269	2273	rBV	718781	898295	21.55%	1.573%

Sum of corrected areas: 57091025

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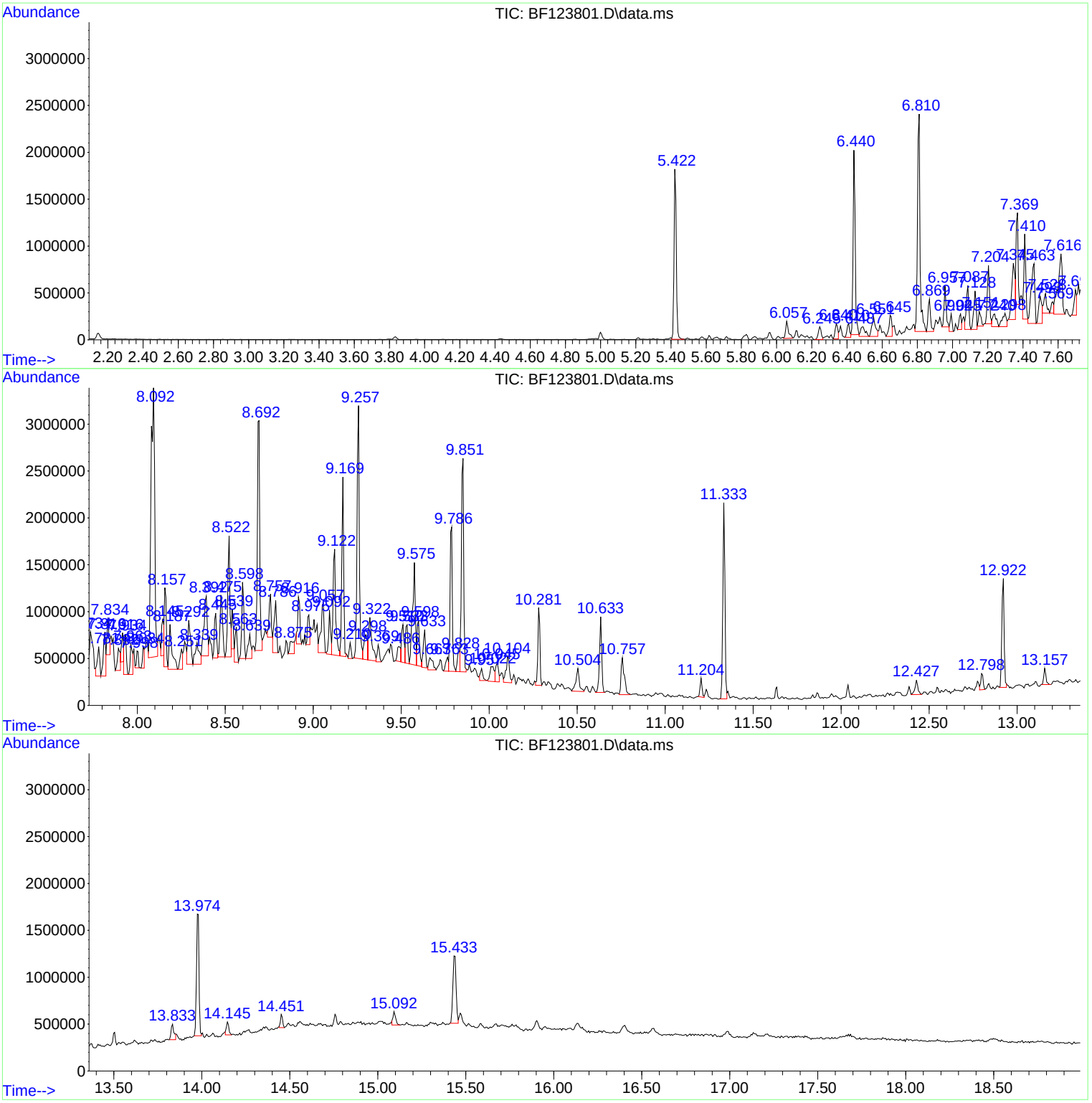
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-043021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

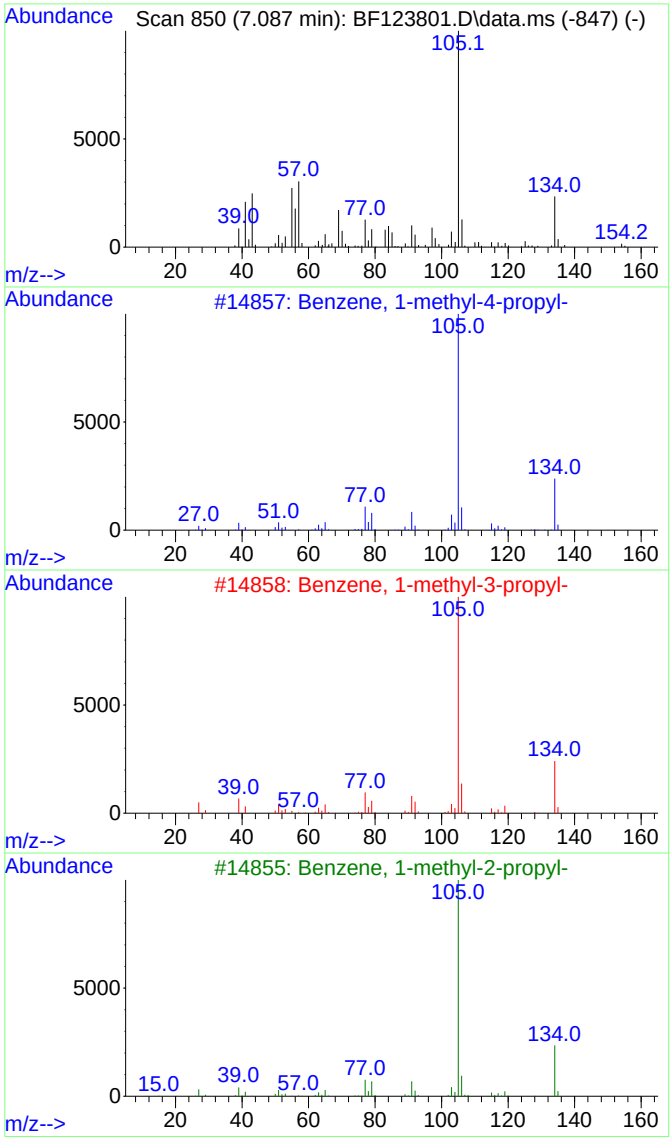
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

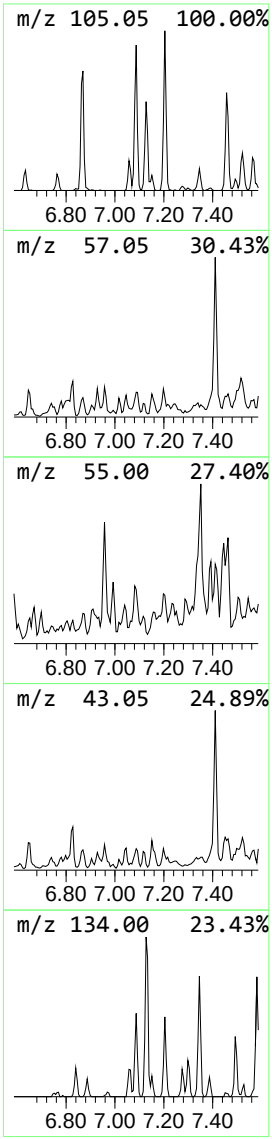
****

Peak Number 1 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	4.02 ng	455185	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	89
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
5	2-Tolyloxirane	134	C9H10O	002783-26-8	62





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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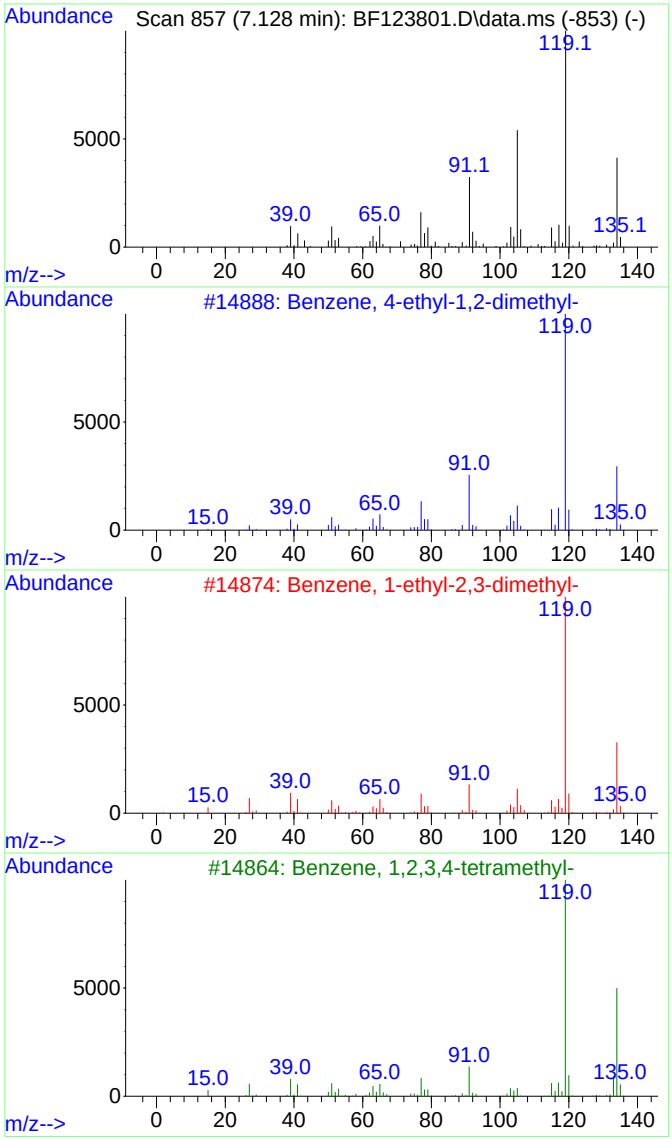
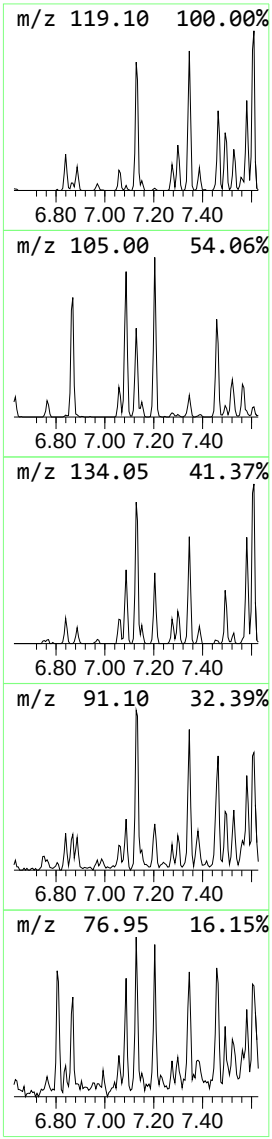
****
Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	3.55 ng	402142	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	o-Cymene	134	C10H14	000527-84-4	93





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TIC Library : C:\DATABASE\NIST11.L
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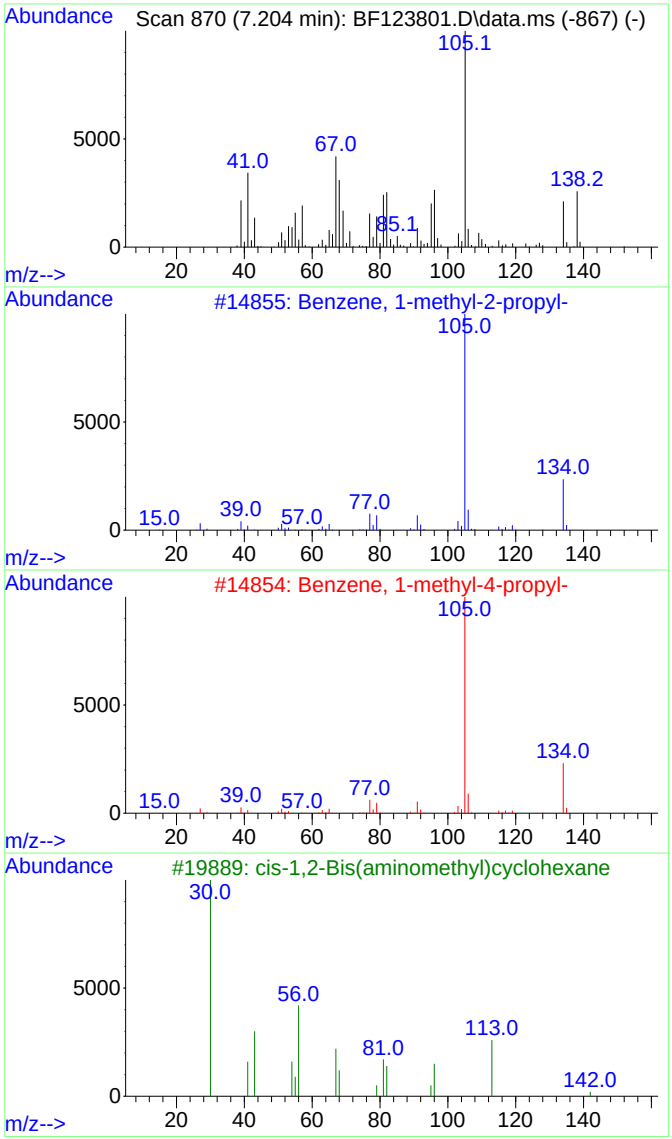
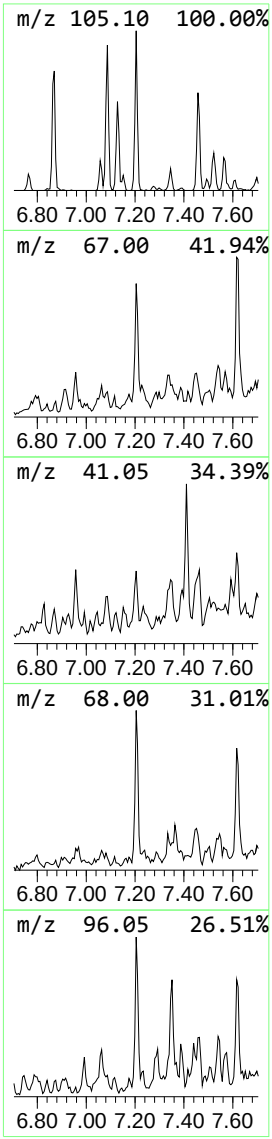
****

Peak Number 3 unknown7.204 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	4.80 ng	543715	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
3	cis-1,2-Bis(aminomethyl)cyclohexane	142	C8H18N2	070795-45-8	25
4	Cyclohexanol, 5-methyl-2-(1-meth...	260	C17H24O2	006284-35-1	12
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	11





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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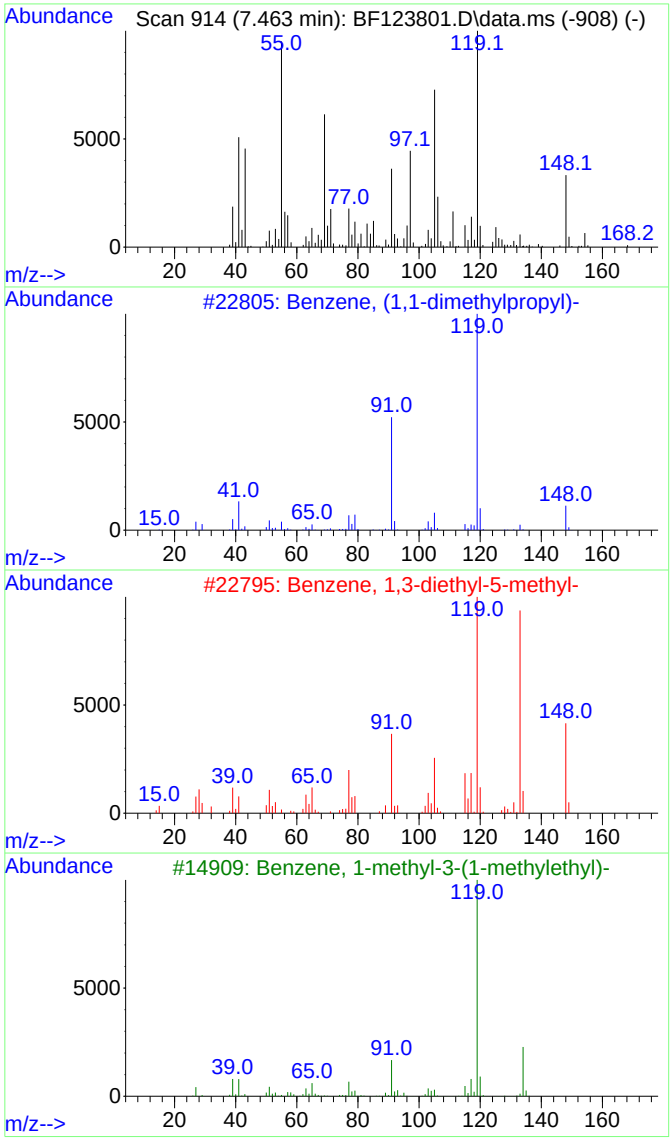
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

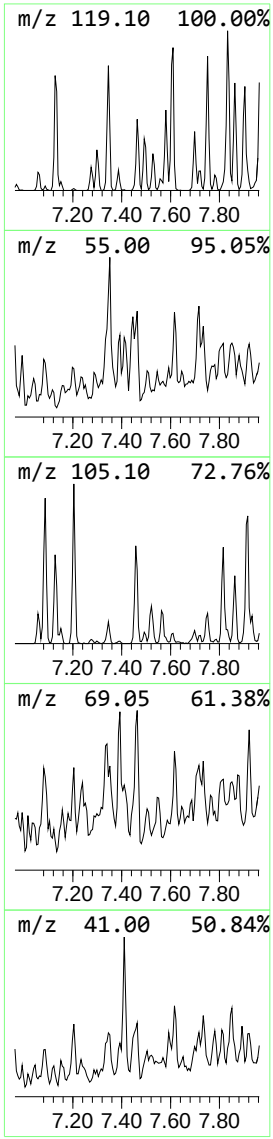
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1,1-dimethylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	4.40 ng	916156	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
4	o-Cymene	134	C10H14	000527-84-4	46
5	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	43





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Data File : BF123801.D
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Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

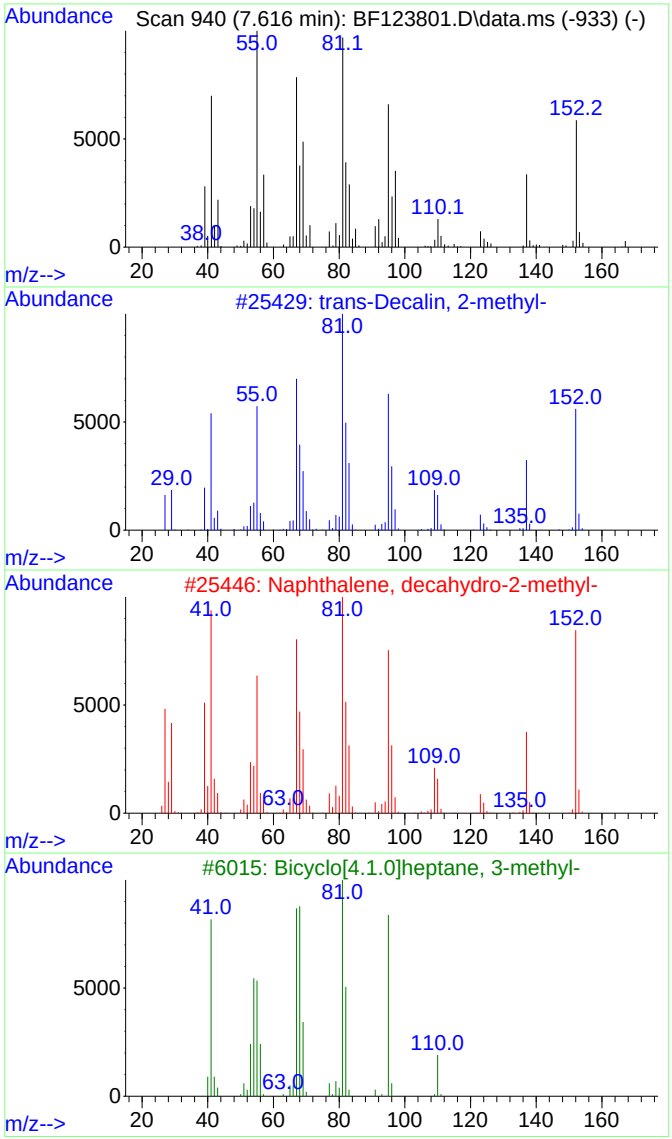
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

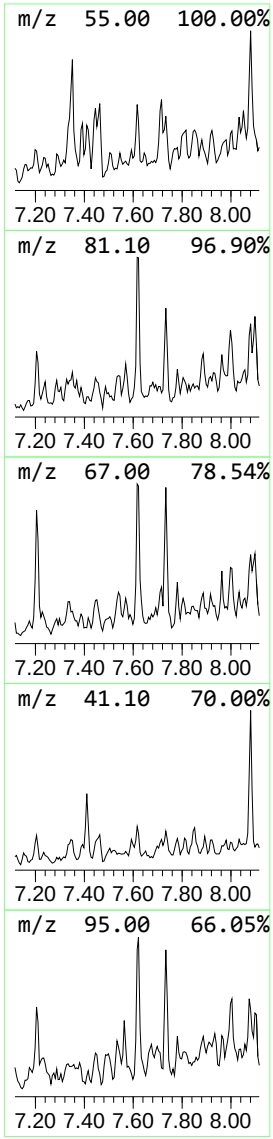
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	5.12 ng	1066400	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	86
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5	6-Dodecyne	166	C12H22	006975-99-1	64





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Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

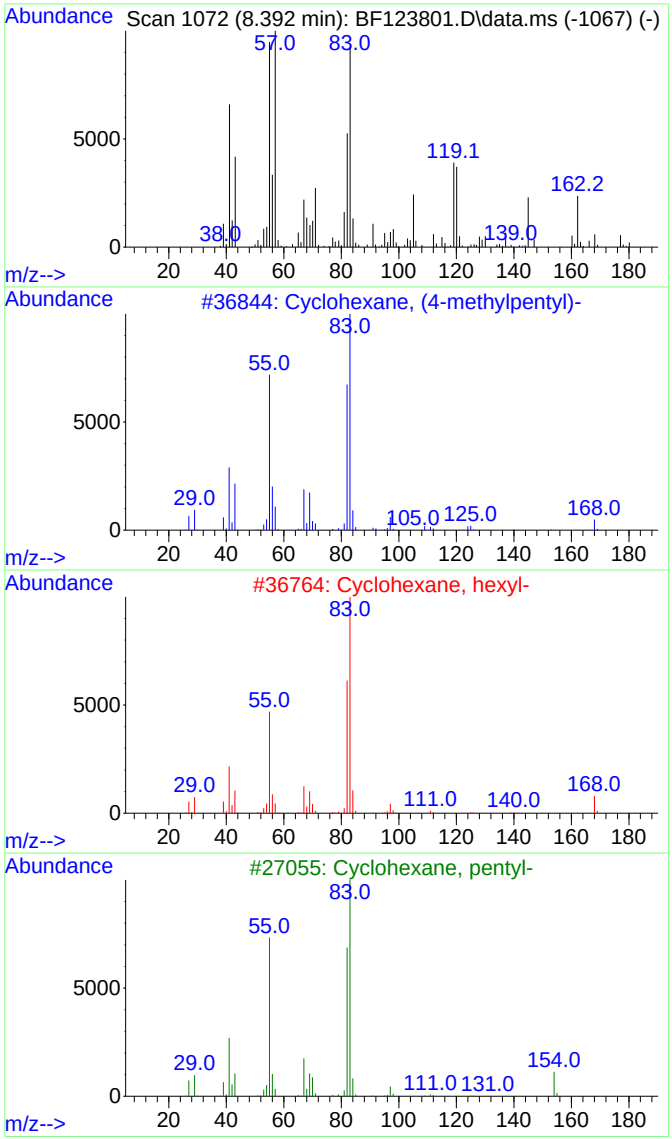
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

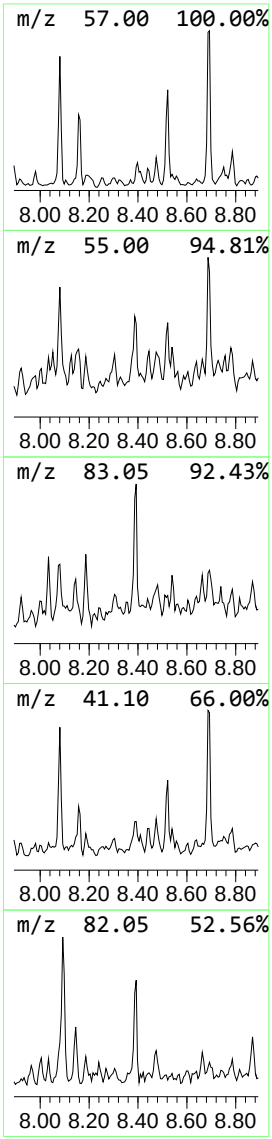
****

Peak Number 6 unknown8.392 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	4.07 ng	848229	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

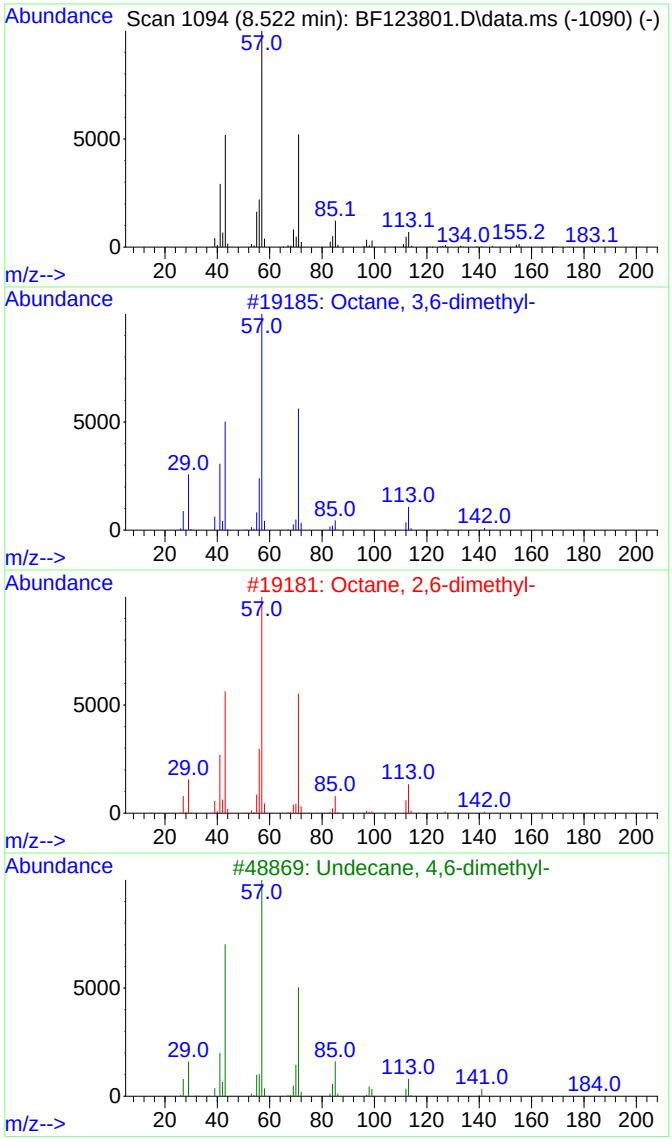
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

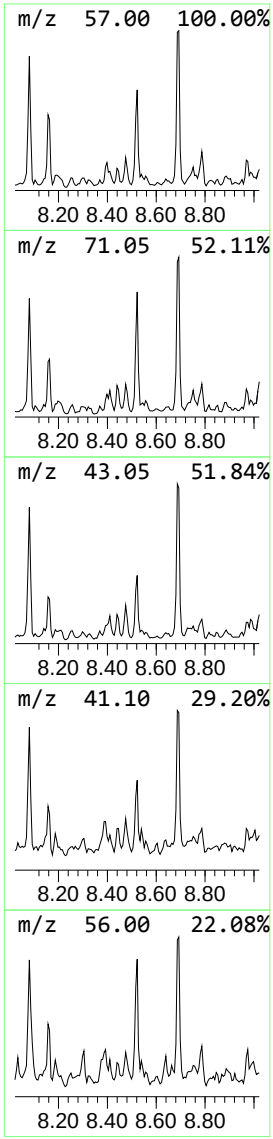
****

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	5.54 ng	1154280	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59





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Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-043021

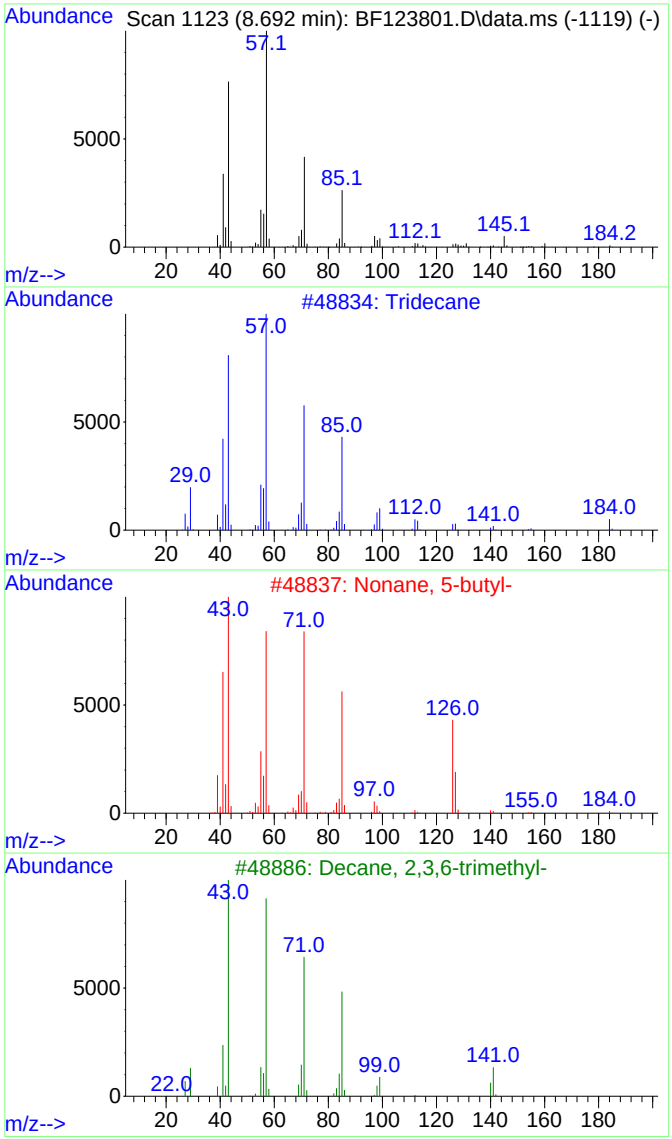
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

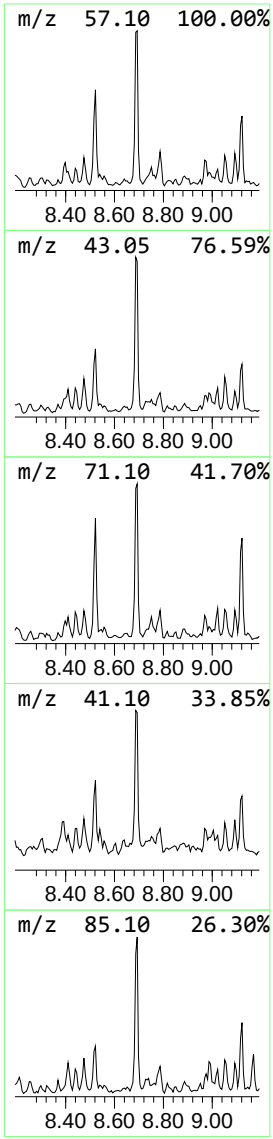
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	11.07 ng	2305980	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	68
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
4	Dodecane	170	C12H26	000112-40-3	59
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53





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Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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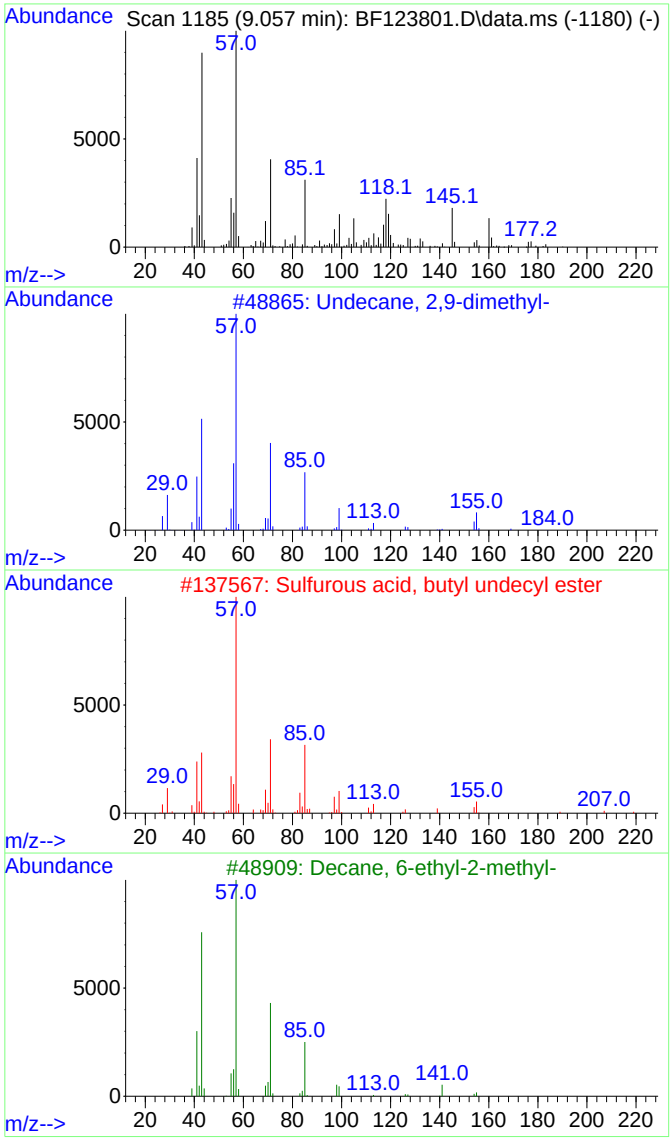
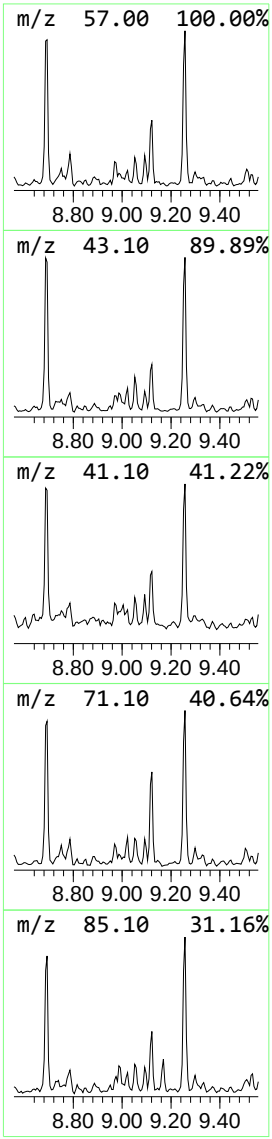
Peak Number 9 unknown9.057 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	6.34 ng	645768	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	43
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	43
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
4	Pentadecane	212	C15H32	000629-62-9	43
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43





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Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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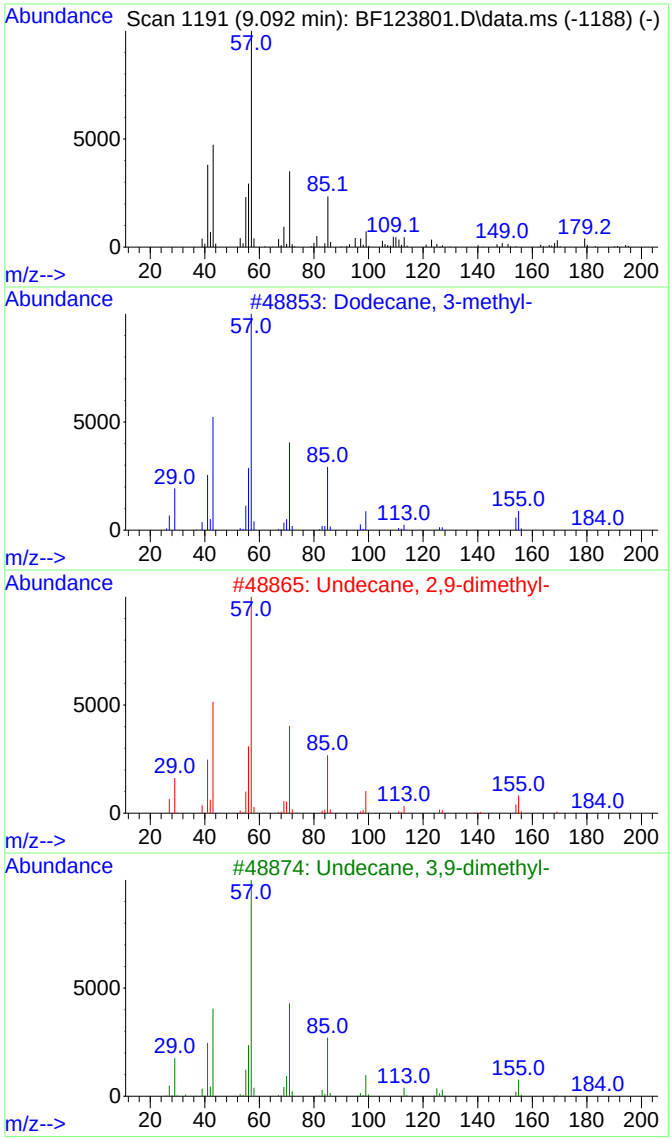
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

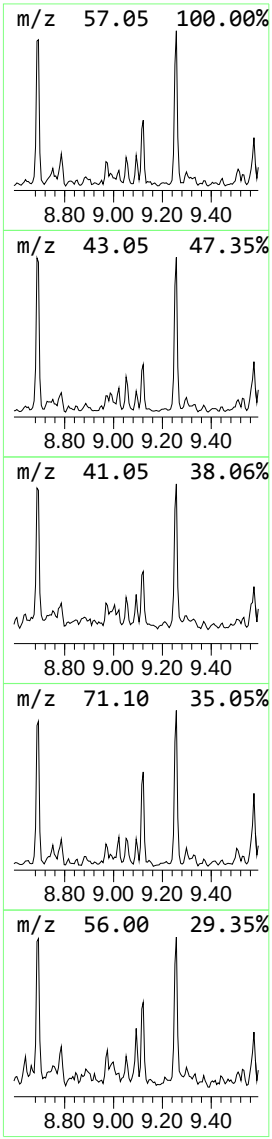
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	3.64 ng	370501	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50





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Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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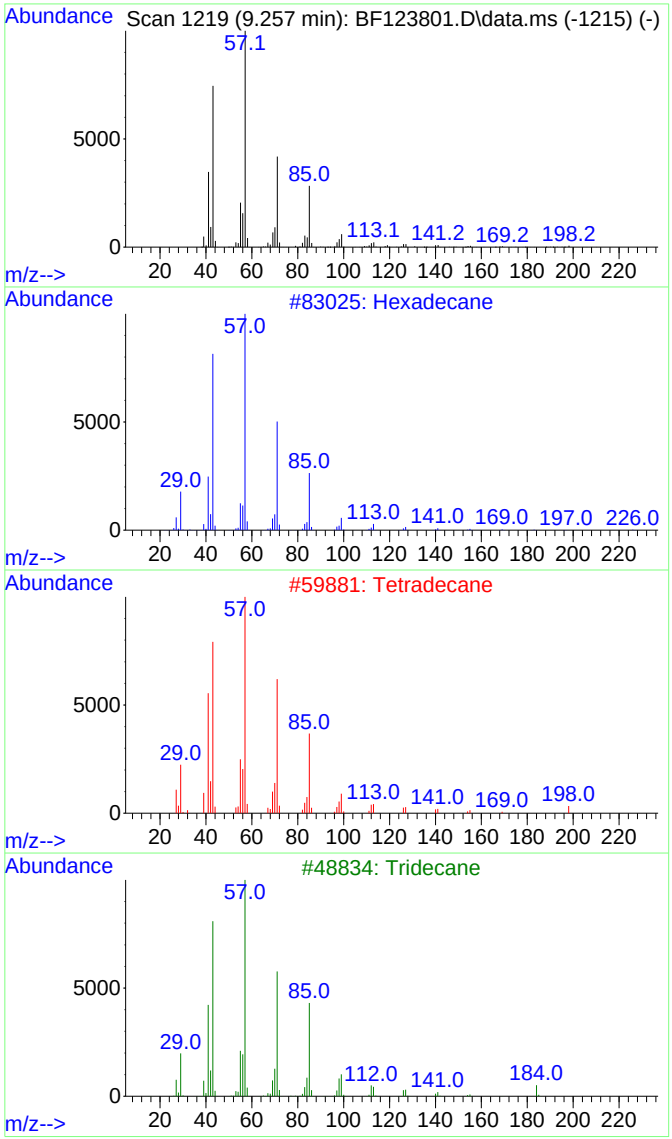
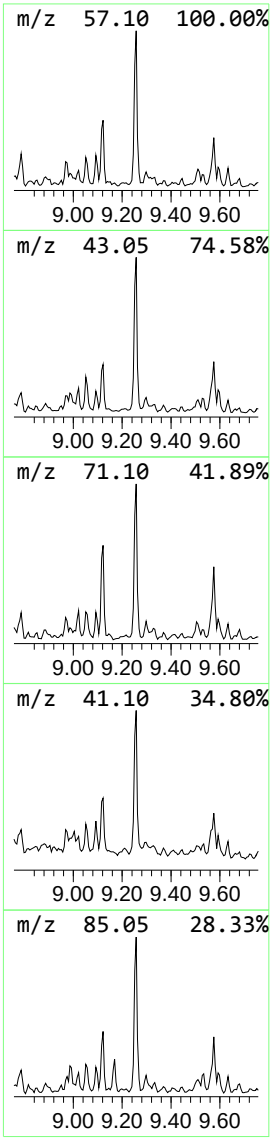
Peak Number 11 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	23.65 ng	2407370	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tridecane	184	C13H28	000629-50-5	78
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





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Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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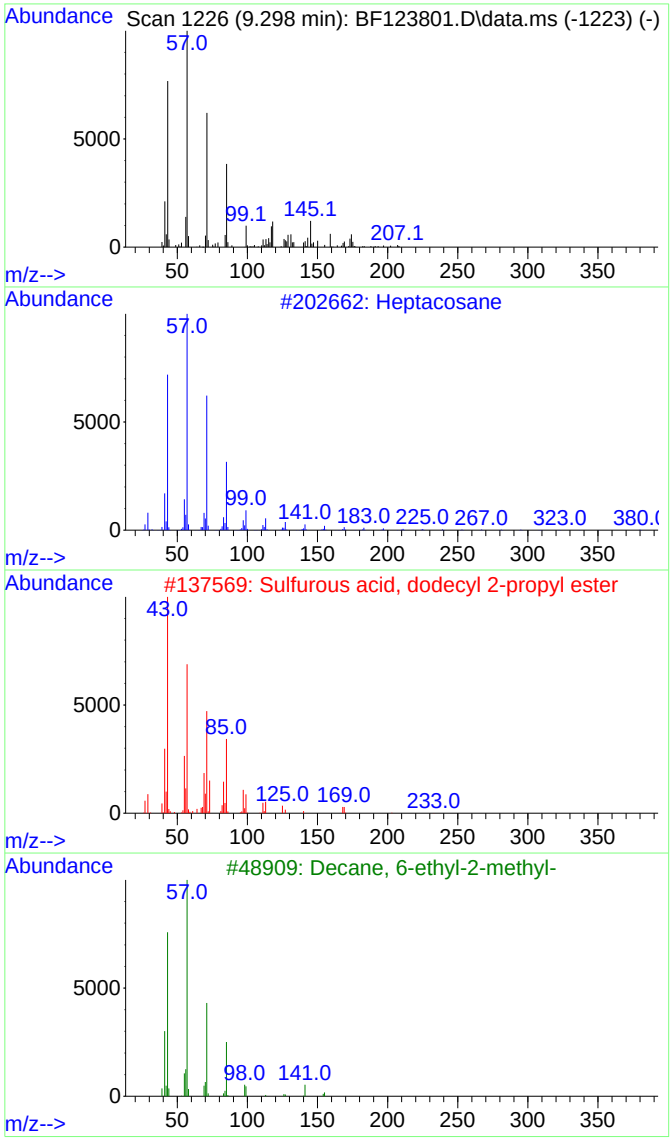
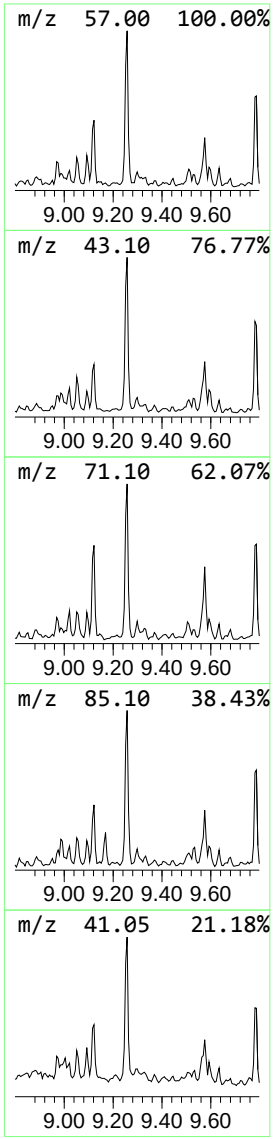
Peak Number 12 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	3.72 ng	378375	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	53
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
4	Tetradecane	198	C14H30	000629-59-4	53
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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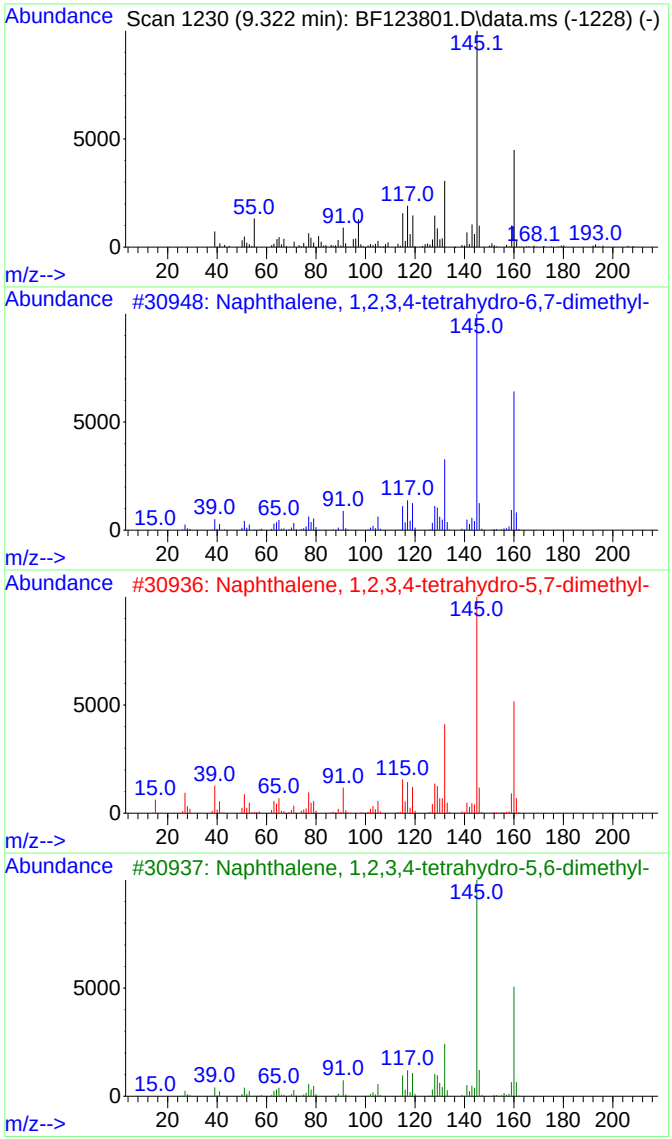
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

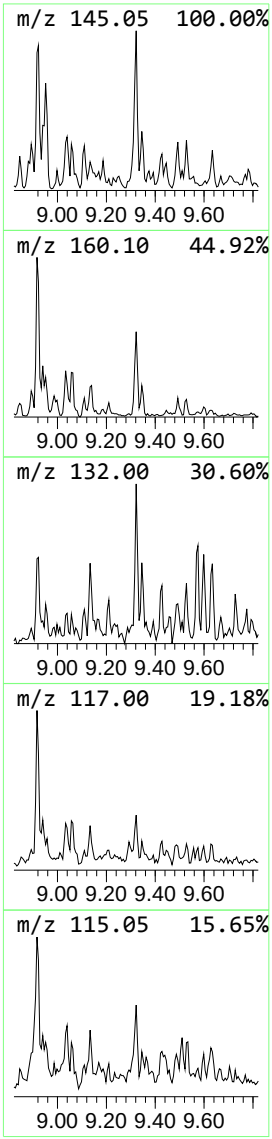
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	5.49 ng	558870	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	62





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Sample : M2238-01 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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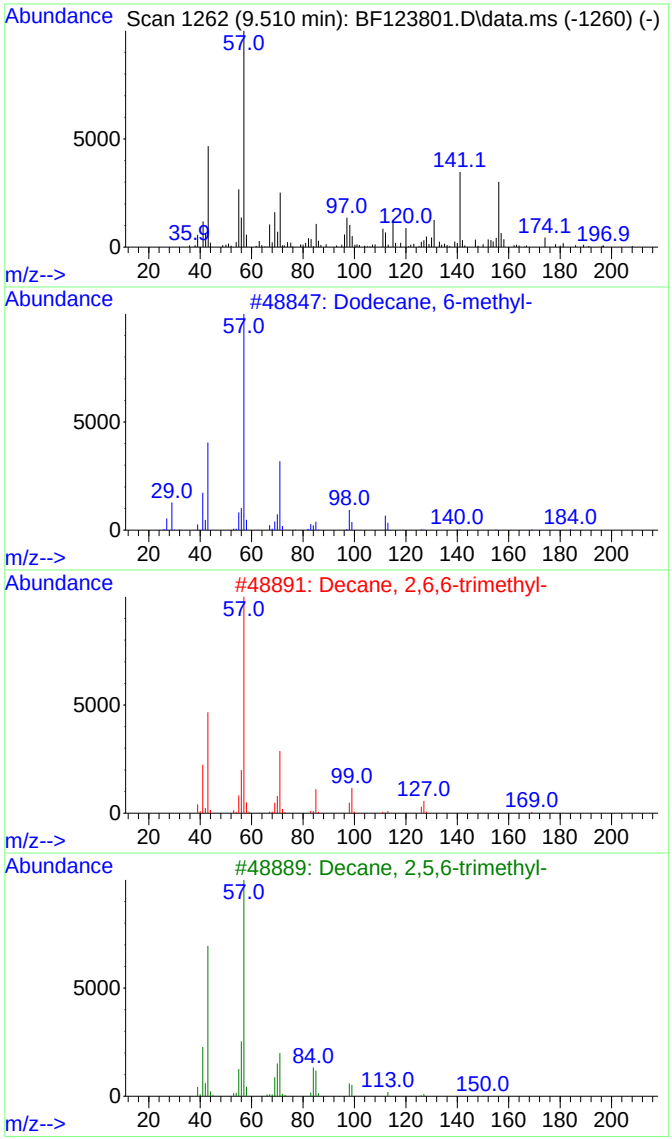
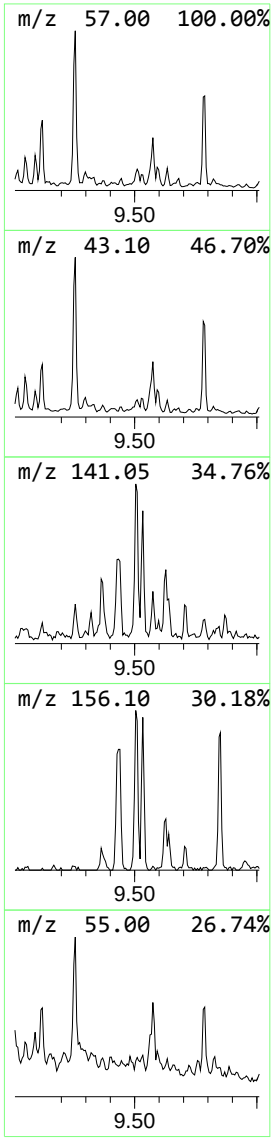
Peak Number 14 unknown9.510 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	3.91 ng	398310	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	27
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	27
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	27
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	25
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	22





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ALS Vial : 20 Sample Multiplier: 1

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

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

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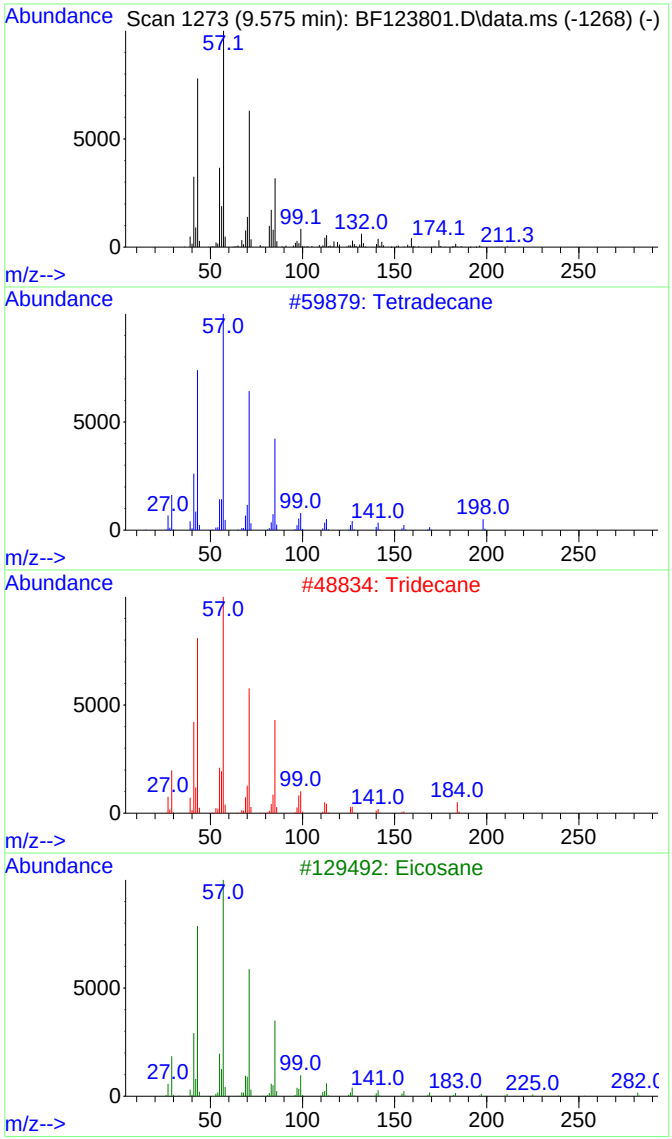
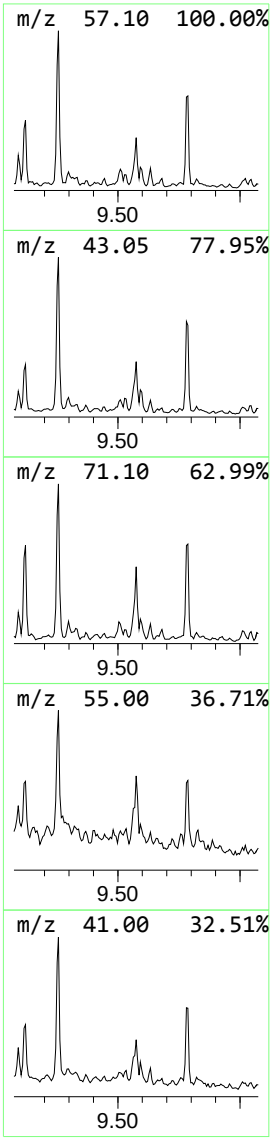
Peak Number 15 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	12.08 ng	1229920	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Eicosane	282	C20H42	000112-95-8	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80





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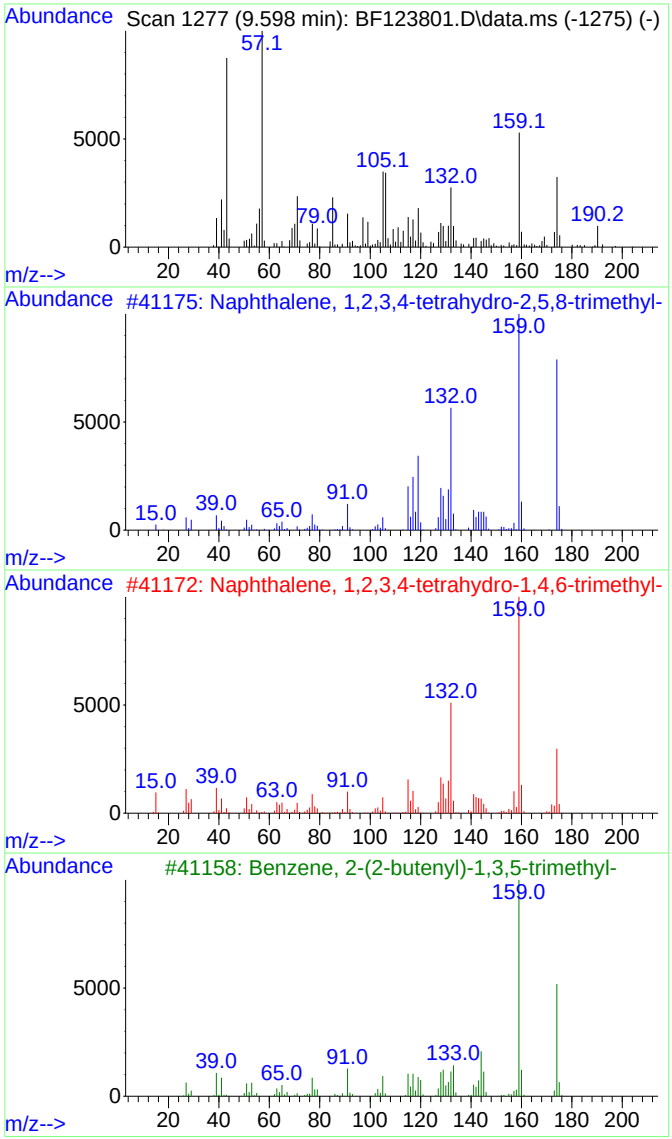
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

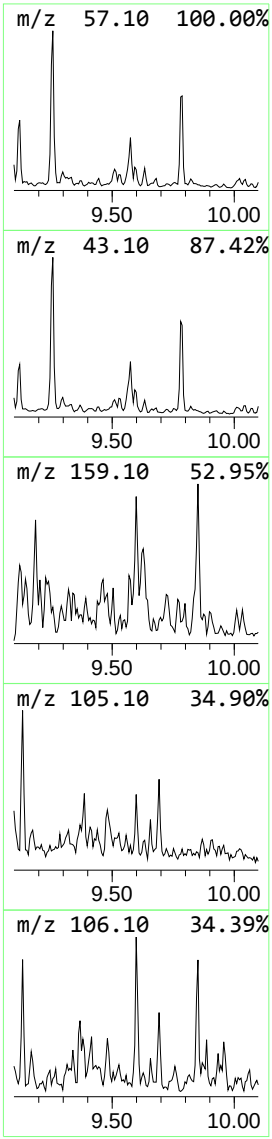
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	4.39 ng	446439	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	83
3	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

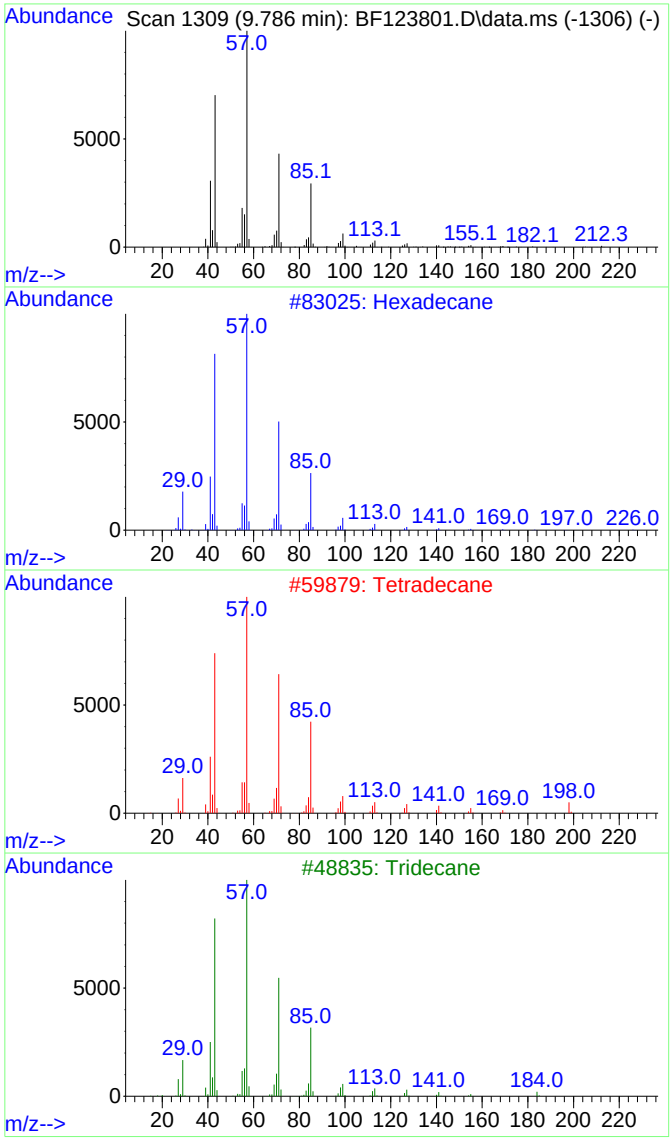
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

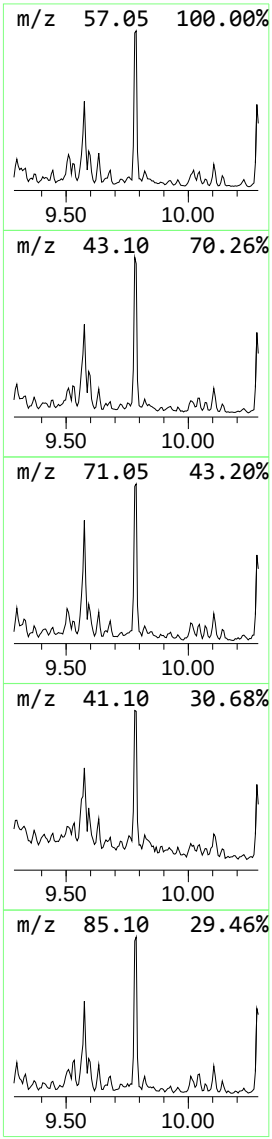
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	13.34 ng	1358080	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123801.D
Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-043021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

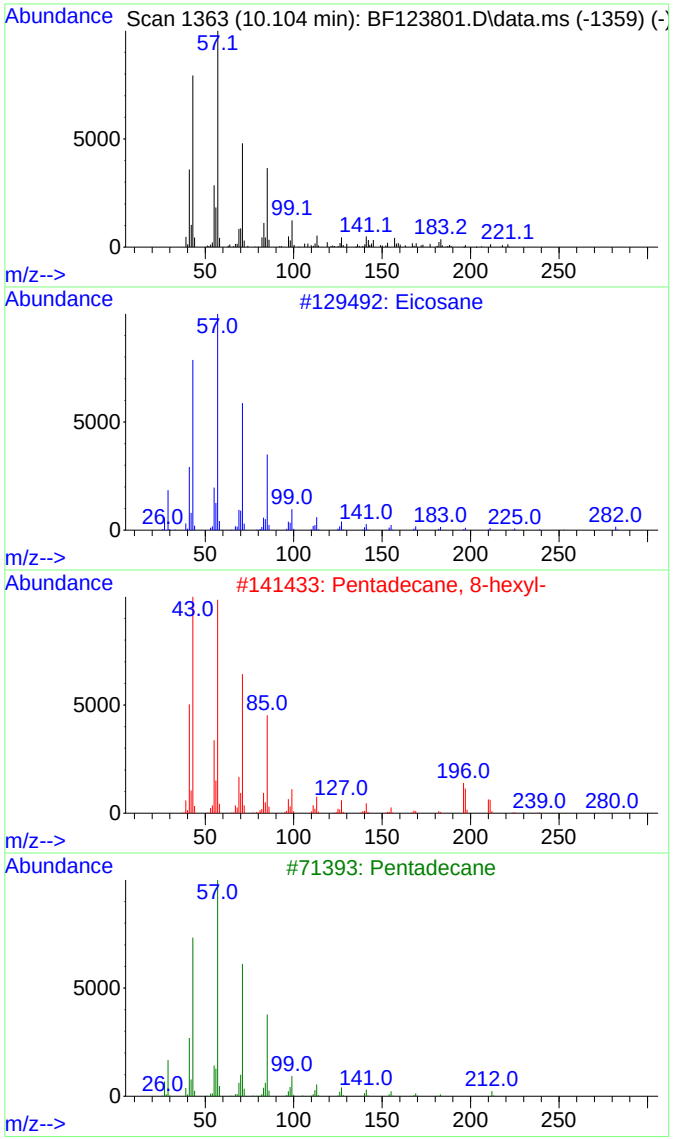
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

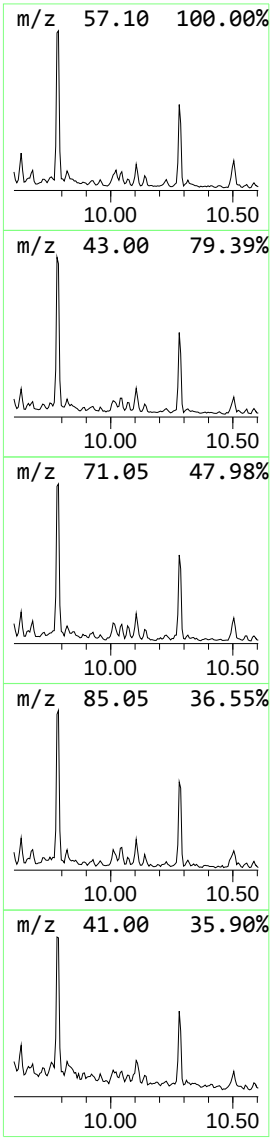
****

Peak Number 18 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	3.61 ng	367280	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
3	Pentadecane	212	C15H32	000629-62-9	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123801.D
Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-043021

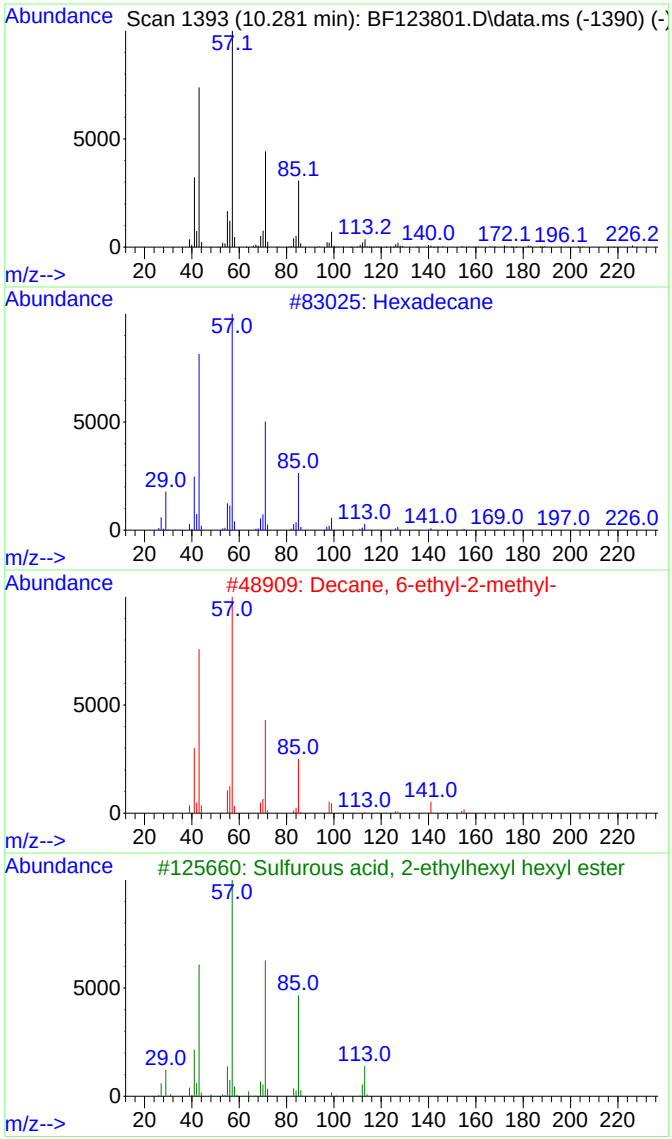
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

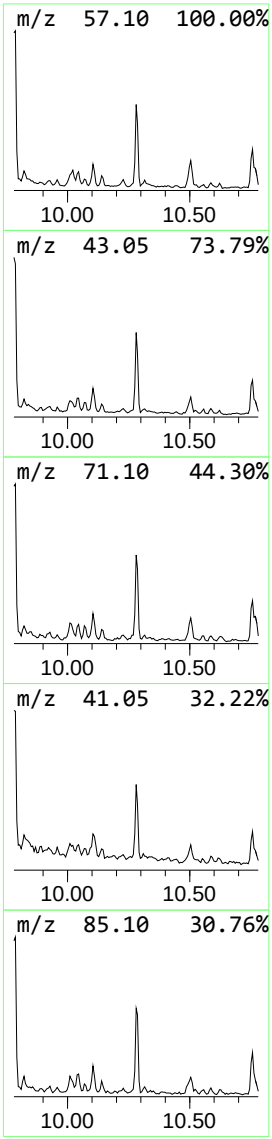
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Decane, 6-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	6.49 ng	660648	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123801.D
Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

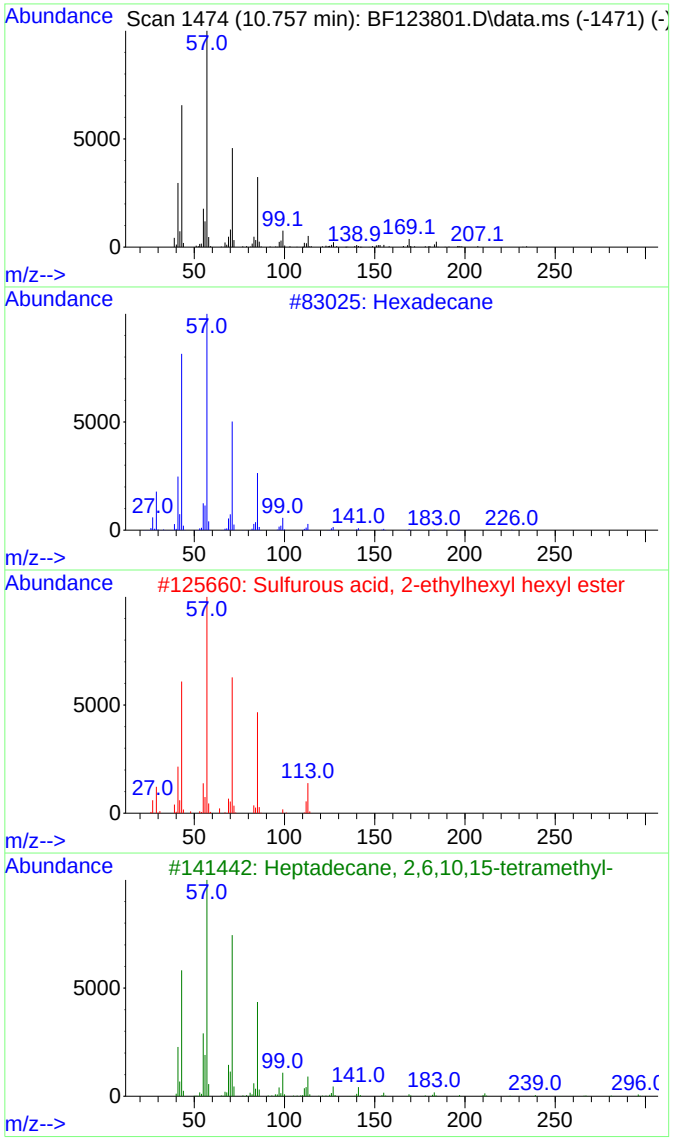
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

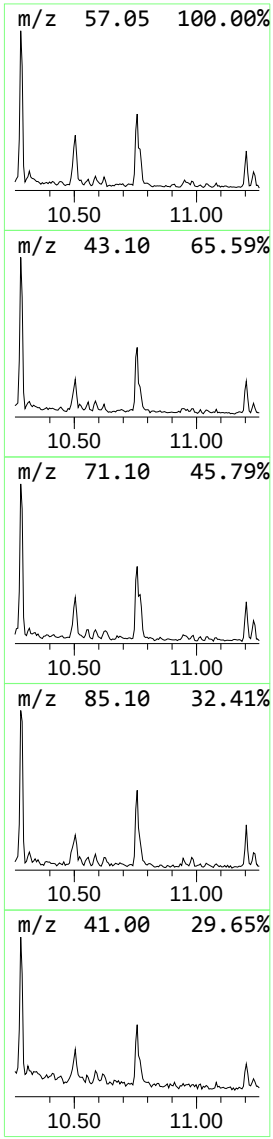
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	5.68 ng	491575	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Decane	142	C10H22	000124-18-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123801.D
Acq On : 4 May 2021 3:01
Operator : JU/CG
Sample : M2238-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-043021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-meth...	7.087	4.0	ng	455185	1	6.810	2263810	20.0
Benzene, 4-ethy...	7.128	3.5	ng	402142	1	6.810	2263810	20.0
unknown7.204	7.204	4.8	ng	543715	1	6.810	2263810	20.0
Benzene, (1,1-d...	7.463	4.4	ng	916156	2	8.092	4167820	20.0
trans-Decalin, ...	7.616	5.1	ng	1066400	2	8.092	4167820	20.0
unknown8.392	8.392	4.1	ng	848229	2	8.092	4167820	20.0
Octane, 3,6-dim...	8.522	5.5	ng	1154280	2	8.092	4167820	20.0
Tridecane	8.692	11.1	ng	2305980	2	8.092	4167820	20.0
unknown9.057	9.057	6.3	ng	645768	3	9.851	2036050	20.0
Dodecane, 3-met...	9.092	3.6	ng	370501	3	9.851	2036050	20.0
Hexadecane	9.257	23.6	ng	2407370	3	9.851	2036050	20.0
Heptacosane	9.298	3.7	ng	378375	3	9.851	2036050	20.0
Naphthalene, 1,...	9.322	5.5	ng	558870	3	9.851	2036050	20.0
unknown9.510	9.510	3.9	ng	398310	3	9.851	2036050	20.0
Tetradecane	9.575	12.1	ng	1229920	3	9.851	2036050	20.0
Naphthalene, 1,...	9.598	4.4	ng	446439	3	9.851	2036050	20.0
Pentadecane	9.786	13.3	ng	1358080	3	9.851	2036050	20.0
Eicosane	10.104	3.6	ng	367280	3	9.851	2036050	20.0
Decane, 6-ethyl...	10.281	6.5	ng	660648	3	9.851	2036050	20.0
Sulfurous acid,...	10.757	5.7	ng	491575	4	11.333	1729950	20.0