LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126420.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	480	486	490	rVB3	106103	178319	4.46%	0.260%
2	4.999	490	495	499	rBV2	151243	196306	4.91%	0.286%
3	5.204	526	530	533	rBV	167934	163460	4.09%	0.238%
4	5.399	559	563	568	rVB2	839635	795416	19.90%	1.160%
5	5.563	588	591	596	rBV3	117523	175770	4.40%	0.256%
6	5.816	629	634	638	rVB4	164765	276239	6.91%	0.403%
7	5.869	638	643	646	rBV2	92055	141661	3.54%	0.207%
8	5.951	654	657	662	rVB3	290301	334671	8.37%	0.488%
9	6.051	668	674	680	rVB2	591163	749007	18.74%	1.092%
10	6.104	680	683	686	rBV	279561	256150	6.41%	0.374%
11	6.240	700	706	709	rBV2	316469	382363	9.56%	0.558%
12	6.281	709	713	715	rBV2	153995	142123	3.56%	0.207%
13	6.304	715	717	719	rVB	391997	284410	7.11%	0.415%
14	6.334	719	722	724	rBV2	383856	375152	9.38%	0.547%
15	6.393	730	732	734	rBV	179233	145381	3.64%	0.212%
16	6.416	734	736	740	rVB	911992	764873	19.13%	1.115%
17	6.475	744	746	748	rVB	207234	166869	4.17%	0.243%
18	6.546	753	758	762	rBV4	201276	410667	10.27%	0.599%
19	6.581	762	764	770	rVB3	186882	228414	5.71%	0.333%
20	6.640	770	774	776	rBV4	124932	149424	3.74%	0.218%
21	6.769	787	796	798	rBV6	193477	412564	10.32%	0.602%
22	6.798	798	801	803	rBV	1130612	1039477	26.00%	1.516%
23	6.816	803	804	808	rVB	746730	555658	13.90%	0.810%
24	6.863	808	812	815	rBV3	209176	219723	5.50%	0.320%
25	6.898	815	818	819	rBV2	164277	182130	4.56%	0.266%
26	6.951	824	827	830	rBV2	593396	574520	14.37%	0.838%
27	6.981	830	832	835	rVB2	264705	268901	6.73%	0.392%
28	7.034	838	841	843	rBV	182370	183014	4.58%	0.267%
29	7.081	845	849	852	rVB2	563860	664043	16.61%	0.968%
30	7.110	852	854	858	rBV3	317407	366405	9.17%	0.534%
31	7.145	858	860	864	rBV4	215708	218532	5.47%	0.319%
32	7.193	865	868	871	rBV2	443391	422735	10.57%	0.617%
33	7.228	871	874	879	rVB3	187160	236433	5.91%	0.345%
34	7.334	886	892	894	rBV4	565049	957068	23.94%	1.396%
35	7.351	894	895	899	rVB2	455603	352830	8.83%	0.515%
36	7.404	902	904	907	rVB3	196902	175415	4.39%	0.256%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.445	907	911	915	rVB4	606281	820552	20.53%	1.197%
38	7.516	915	923	926	rBV4	424229	1014548	25.38%	1.480%
39	7.557	928	930	931	rBV	152611	139864	3.50%	0.204%
40	7.587	932	935	937	rVB2	522053	409233	10.24%	0.597%
41	7.610	937	939	942	rVB	523685	390480	9.77%	0.569%
42	7.640	942	944	947	rBV2	136782	141530	3.54%	0.206%
43	7.681	948	951	953	rBV2	219785	267751	6.70%	0.390%
44	7.710	953	956	957	rBV2	321191	274189	6.86%	0.400%
45	7.728	957	959	963	rVB4	521413	550901	13.78%	0.803%
46	7.769	963	966	969	rVB2	692533	724815	18.13%	1.057%
47	7.804	969	972	974	rBV2	381693	391672	9.80%	0.571%
48	7.822	974	975	977	rBV2	252600	149191	3.73%	0.218%
49	7.840	977	978	982	rVB4	391793	402981	10.08%	0.588%
50	7.910	987	990	994	rVB4	385658	462966	11.58%	0.675%
51	7.957	995	998	999	rBV	322478	301702	7.55%	0.440%
52	7.992	1002	1004	1006	rVB3	224455	161041	4.03%	0.235%
53	8.028	1007	1010	1011	rBV	471975	401574	10.04%	0.586%
54	8.081	1015	1019	1024	rVV	1446605	1695606	42.41%	2.473%
55	8.151	1026	1031	1034	rVV2	1839907	1819354	45.51%	2.653%
56	8.175	1034	1035	1038	rVB2	288451	212248	5.31%	0.310%
57	8.245	1043	1047	1048	rBV4	313963	375373	9.39%	0.547%
58	8.292	1052	1055	1057	rBV2	598521	501458	12.54%	0.731%
59	8.316	1057	1059	1062	rVB3	262103	249817	6.25%	0.364%
60	8.381	1065	1070	1073	rBV4	1164496	1500347	37.53%	2.188%
61	8.434	1077	1079	1082	rBV3	790933	627602	15.70%	0.915%
62	8.469	1082	1085	1088	rVB4	781397	826563	20.68%	1.205%
63	8.516	1088	1093	1097	rBV	2171741	2652646	66.35%	3.869%
64	8.551	1097	1099	1102	rVB2	689832	571824	14.30%	0.834%
65	8.592	1103	1106	1108	rBV2	422183	349165	8.73%	0.509%
66	8.634	1109	1113	1118	rBV6	699106	1209456	30.25%	1.764%
67	8.781	1135	1138	1141	rVB2	1385056	1384696	34.64%	2.019%
68	8.834	1145	1147	1150	rVB3	339507	315987	7.90%	0.461%
69	8.892	1150	1157	1160	rBV6	643010	1322323	33.08%	1.928%
70	8.969	1167	1170	1171	rBV	801821	800262	20.02%	1.167%
71	9.087	1187	1190	1192	rBV2	504095	476551	11.92%	0.695%
72	9.116	1192	1195	1198	rVB	2588872	2276661	56.95%	3.320%
73	9.157	1200	1202	1205	rVB	797653	578128	14.46%	0.843%
74	9.257	1214	1219	1222	rBV4	866485	1456955	36.44%	2.125%
75	9.498	1258	1260	1263	rBV3	593284	536883	13.43%	0.783%
76	9.528	1263	1265	1267	rVB	762053	586947	14.68%	0.856%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.569	1267	1272	1275	rBV2	2351262	2846230	71.19%	4.151%
78	9.657	1285	1287	1289	rBV3	335193	313161	7.83%	0.457%
79	9.757	1301	1304	1306	rVB	851744	814559	20.38%	1.188%
80	9.822	1312	1315	1316	rBV3	868585	887080	22.19%	1.294%
81	9.839	1316	1318	1321	rVB	1196006	1047398	26.20%	1.528%
82	9.951	1334	1337	1340	rVB3	592343	678817	16.98%	0.990%
83	10.039	1350	1352	1355	rVB	794763	627279	15.69%	0.915%
84	10.104	1361	1363	1370	rVB4	1229086	1345372	33.65%	1.962%
85	10.157	1370	1372	1375	rBV2	522299	594148	14.86%	0.867%
86	10.251	1386	1388	1393	rVB4	628885	786582	19.68%	1.147%
87	10.304	1395	1397	1400	rBV2	528423	566783	14.18%	0.827%
88	10.381	1408	1410	1412	rBV2	489545	491423	12.29%	0.717%
89	10.504	1427	1431	1434	rVB	2487541	2533768	63.38%	3.695%
90	10.592	1443	1446	1447	rBV3	388524	404722	10.12%	0.590%
91	10.616	1447	1450	1455	rVB3	720423	809520	20.25%	1.181%
92	10.769	1471	1476	1483	rBV	3124589	3997795	100.00%	5.830%
93	11.233	1551	1555	1561	rVB	2516065	2978575	74.51%	4.344%
94	11.328	1568	1571	1572	rBV	517514	442121	11.06%	0.645%
95	11.580	1612	1614	1617	rVB	855449	781130	19.54%	1.139%
96	12.316	1737	1739	1744	rVB	756712	869188	21.74%	1.268%
97	12.527	1773	1775	1779	rBV2	432863	504609	12.62%	0.736%
98	12.910	1837	1840	1843	rBV	742316	730059	18.26%	1.065%
99	13.963	2016	2019	2025	rVB	582702	587780	14.70%	0.857%
100	15.398	2260	2263	2268	rVB	387353	452221	11.31%	0.660%

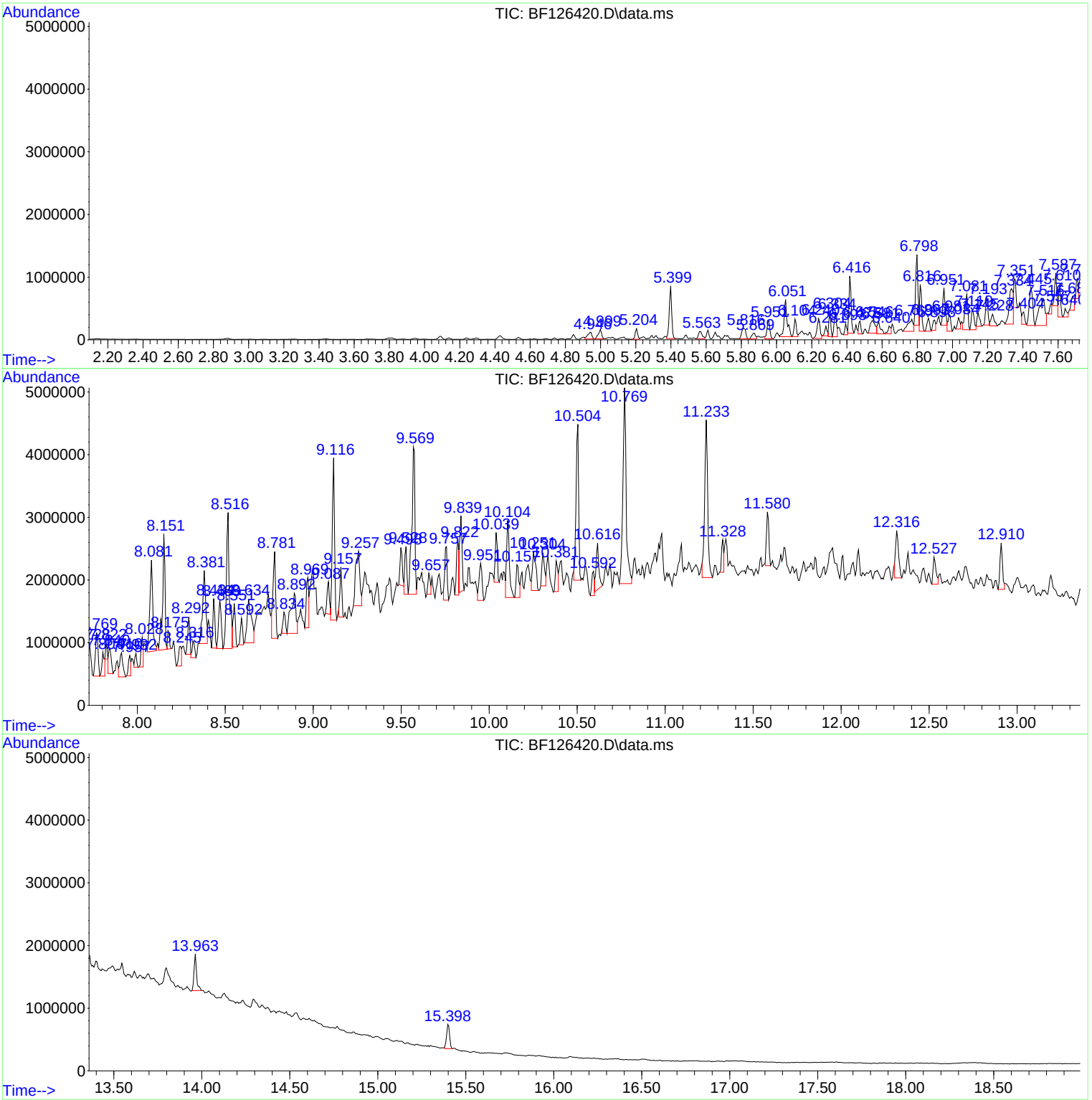
Sum of corrected areas: 68568285

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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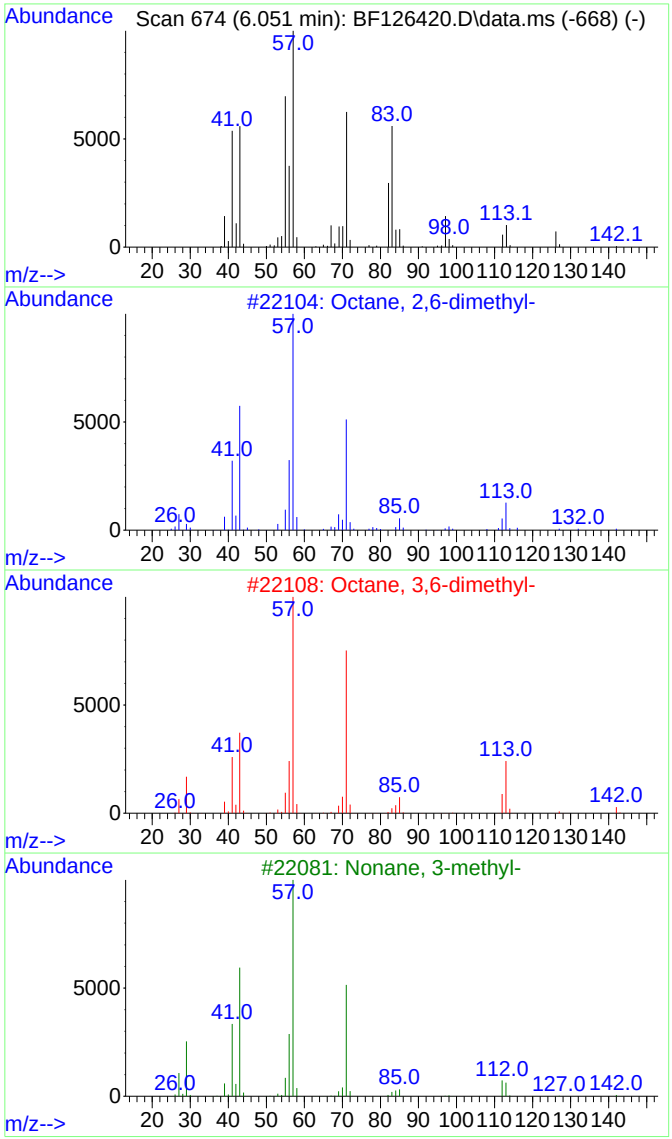
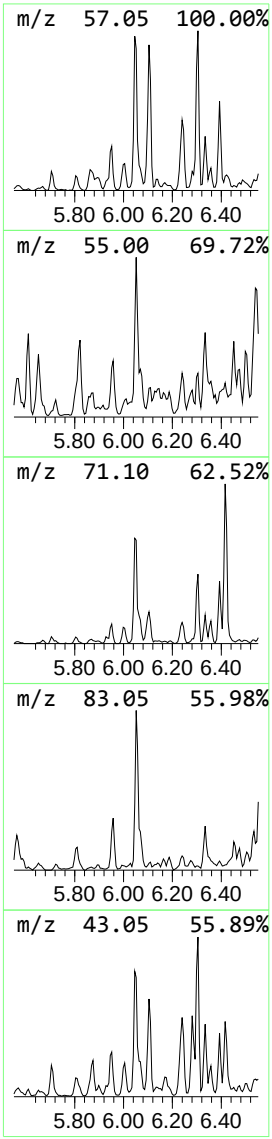
Peak Number 1 unknown6.051 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.051	14.41 ng	749007	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Decane, 3-methyl-	156	C11H24	013151-34-3	38
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

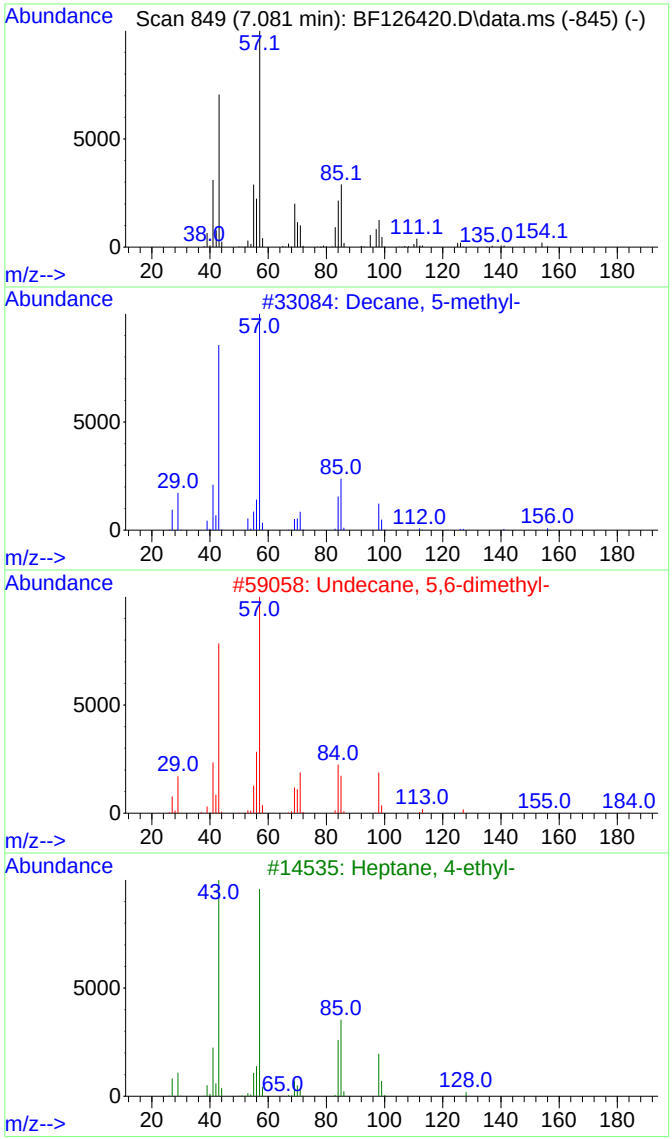
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

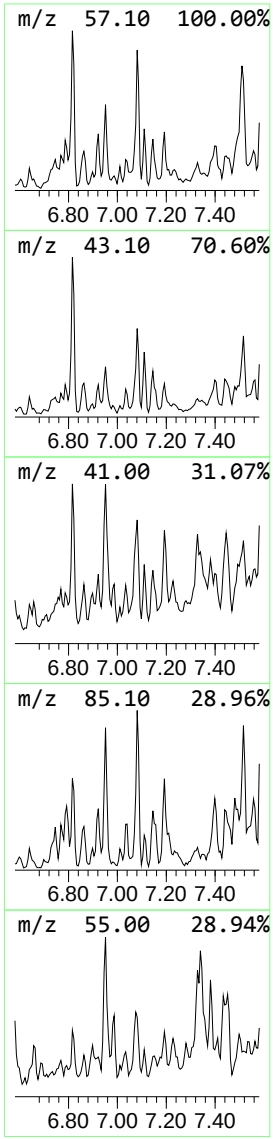
****

Peak Number 2 Decane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	12.78 ng	664043	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

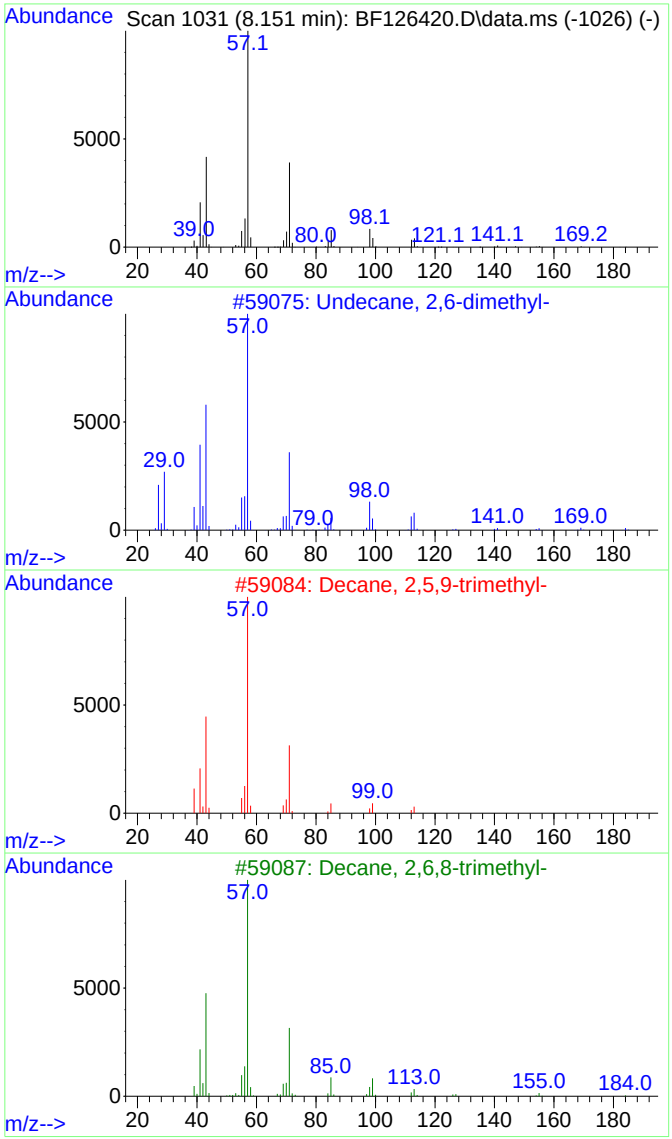
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

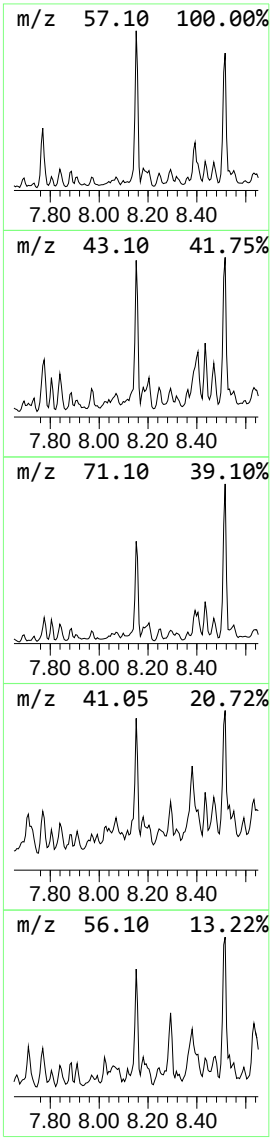
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	21.46 ng	1819350	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	78
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

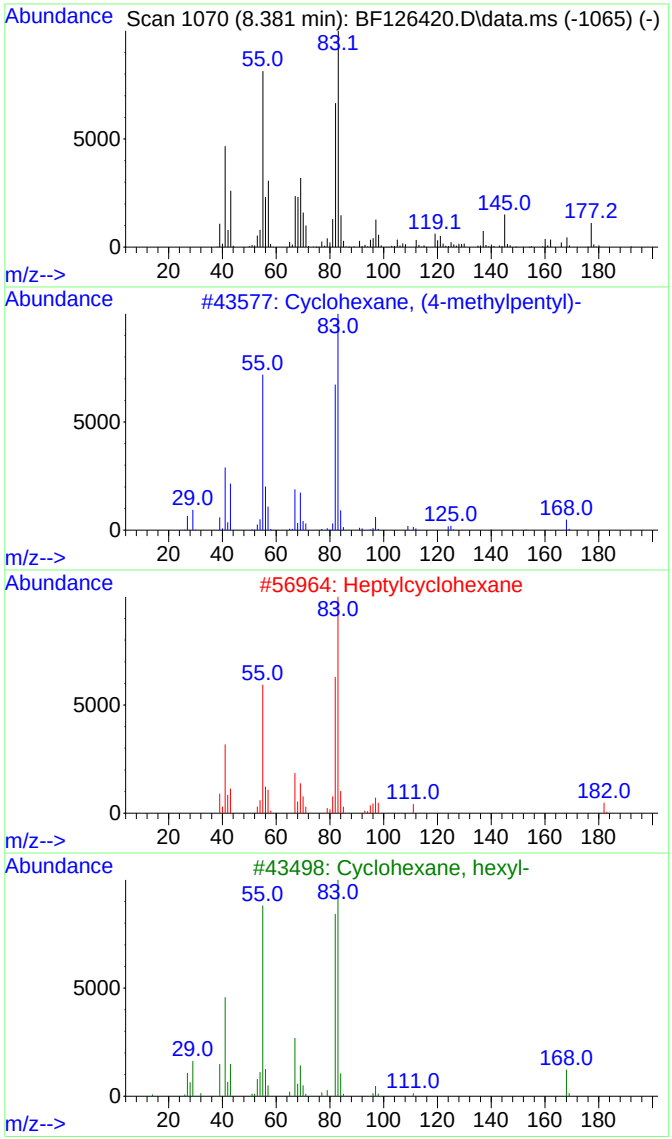
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

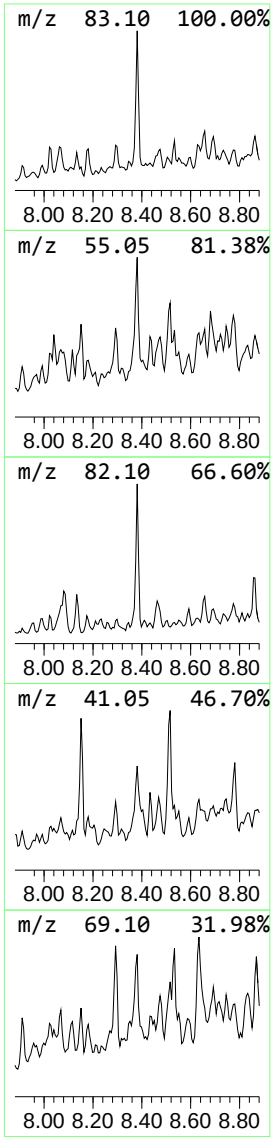
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	17.70 ng	1500350	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2	Heptylcyclohexane	182	C13H26	005617-41-4	64
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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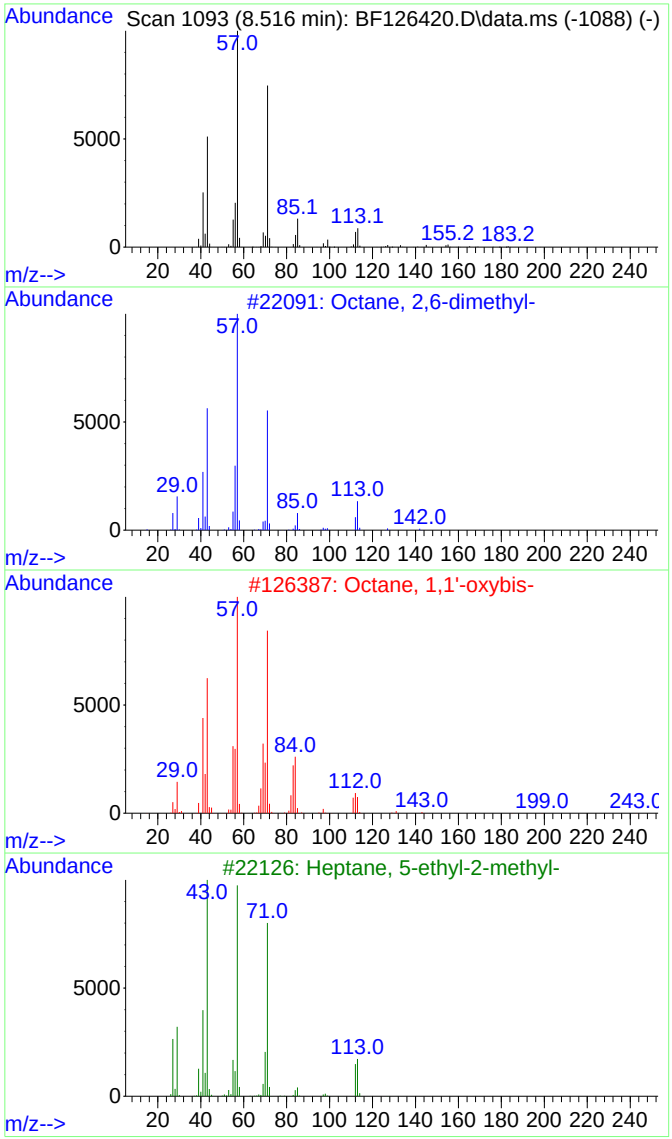
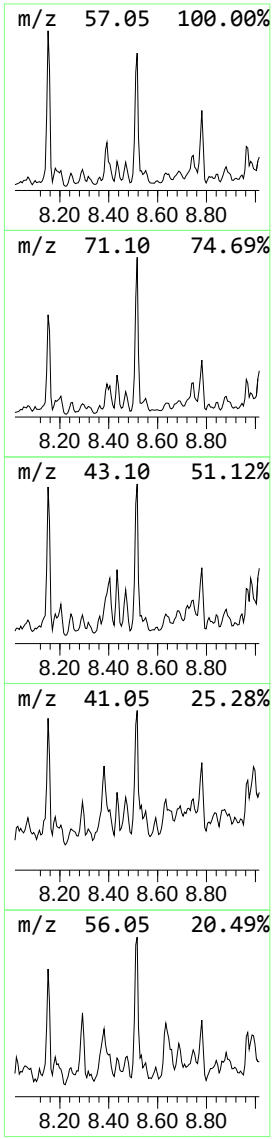
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	31.29 ng	2652650	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64





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Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

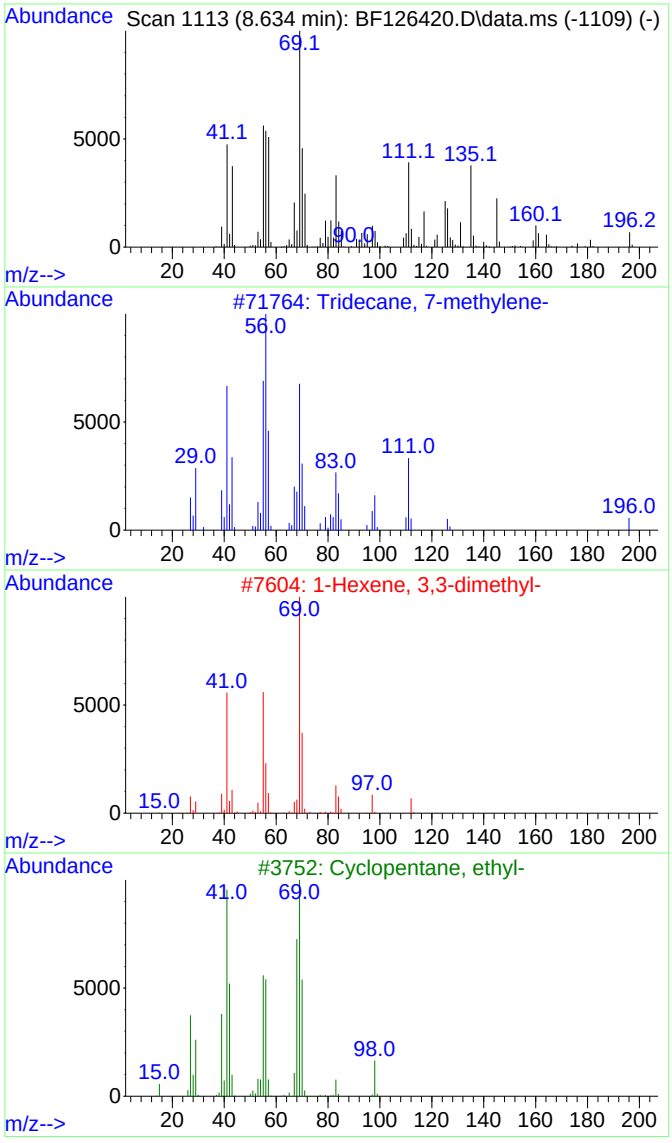
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

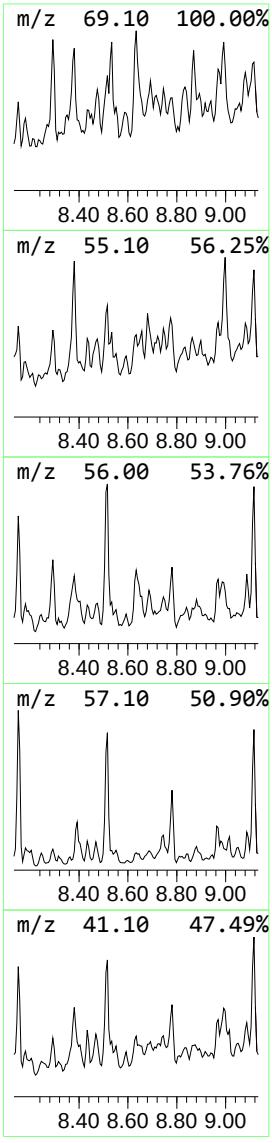
****

Peak Number 6 Tridecane, 7-methylene- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	14.27 ng	1209460	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	55
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	2-Methyl-2-octene	126	C9H18	016993-86-5	38
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38





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Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1S

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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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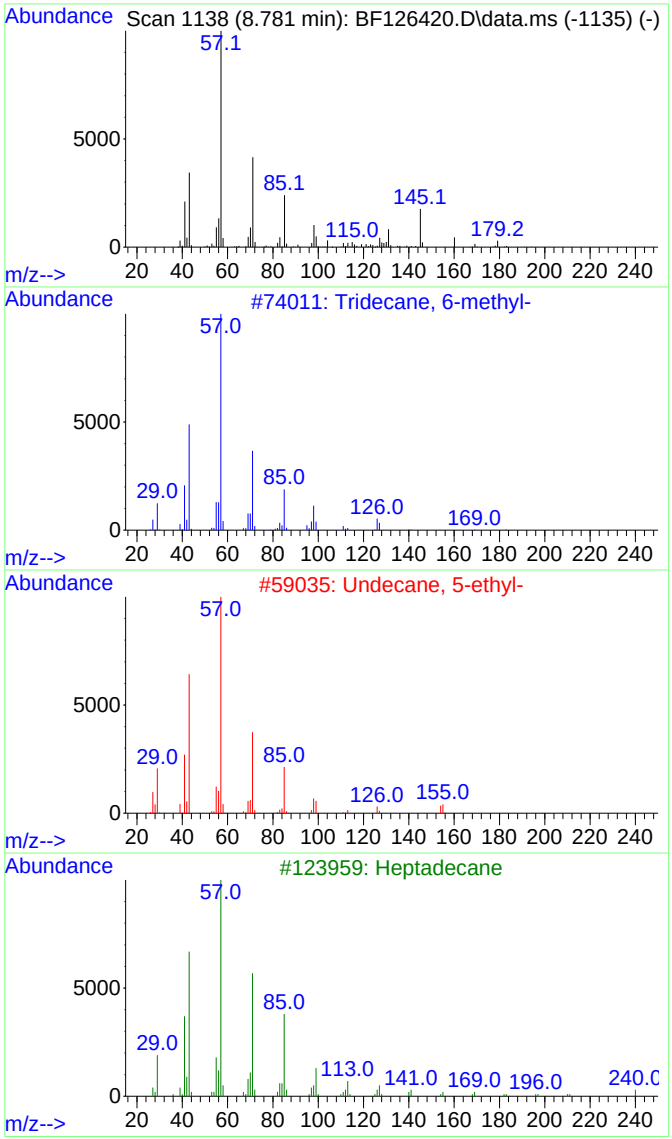
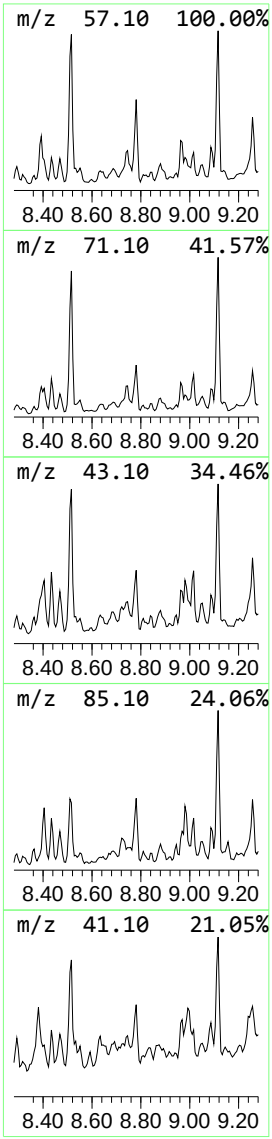
Peak Number 7 Tridecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	16.33 ng	1384700	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3	Heptadecane	240	C17H36	000629-78-7	59
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





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Instrument :
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ClientSampleId :
TP-1S

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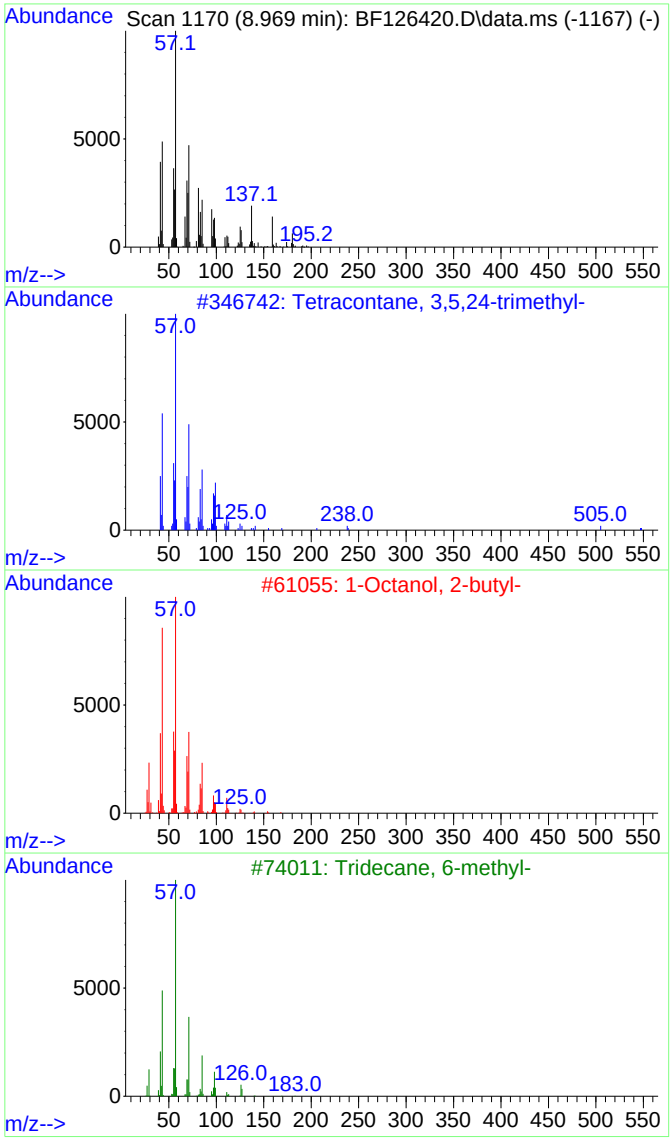
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

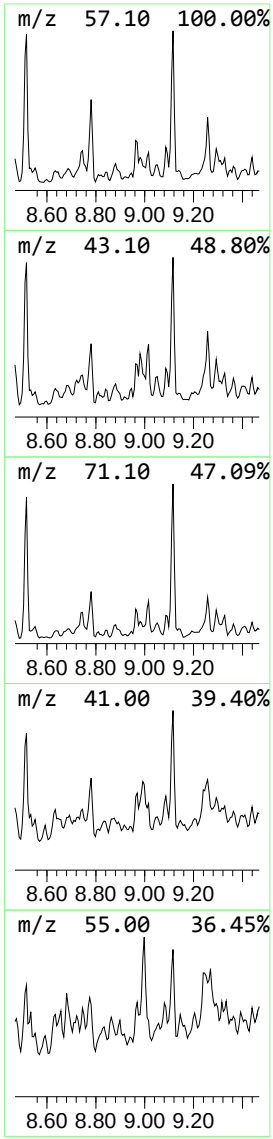
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tetracontane, 3,5,24-trimet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.969	15.28 ng	800262	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	53
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4	Tridecane	184	C13H28	000629-50-5	38
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38





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Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :
TP-1S

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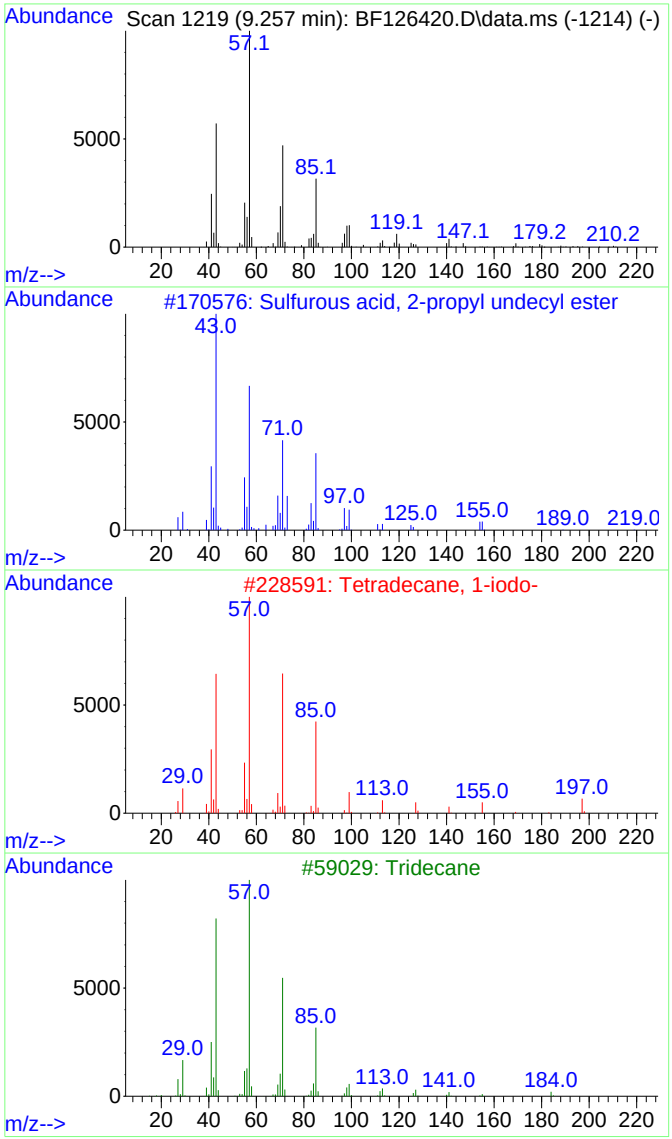
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

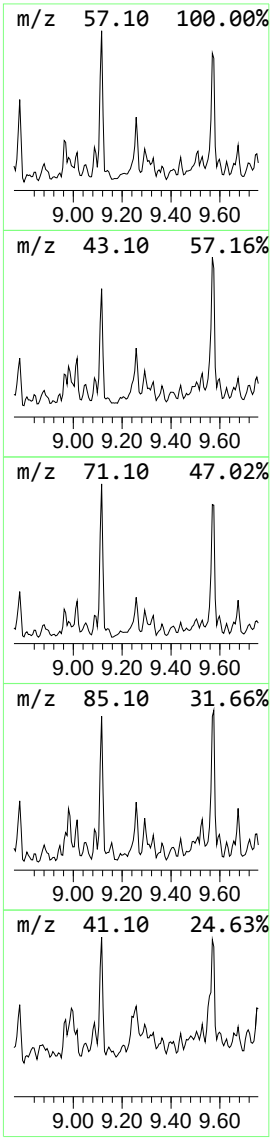
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Sulfurous acid, 2-propyl un... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	27.82 ng	1456960	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	53
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
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

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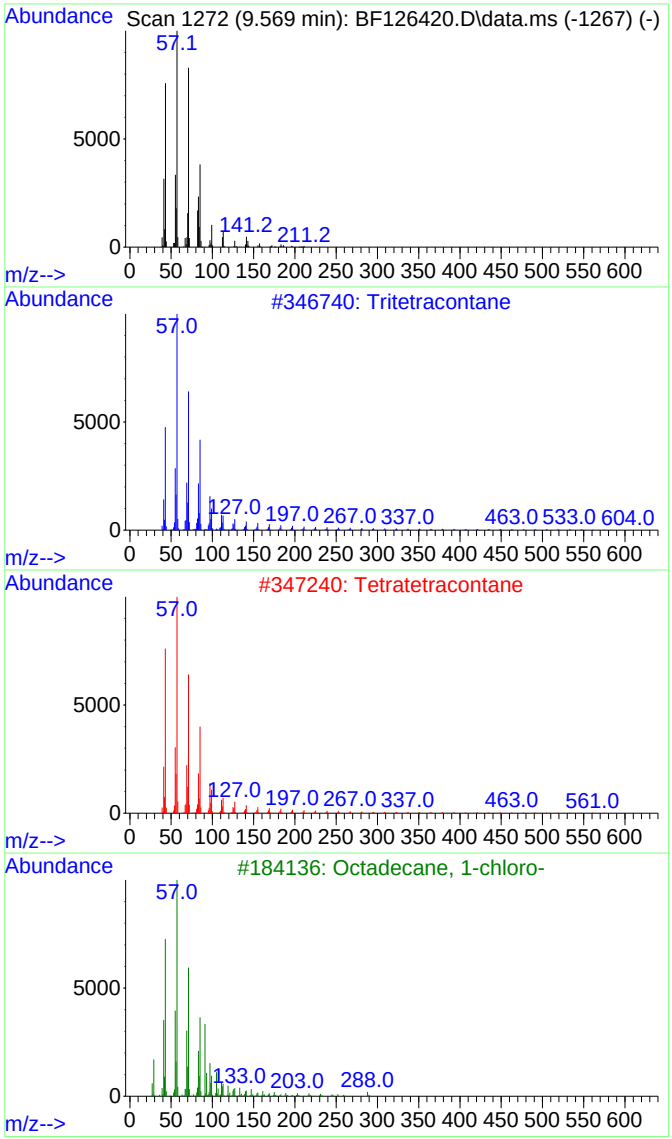
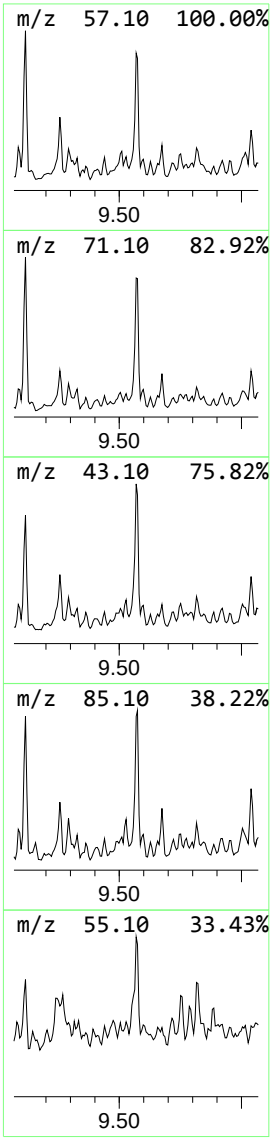
Peak Number 10 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	54.35 ng	2846230	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Sample : M5237-01 5X
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ALS Vial : 13 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

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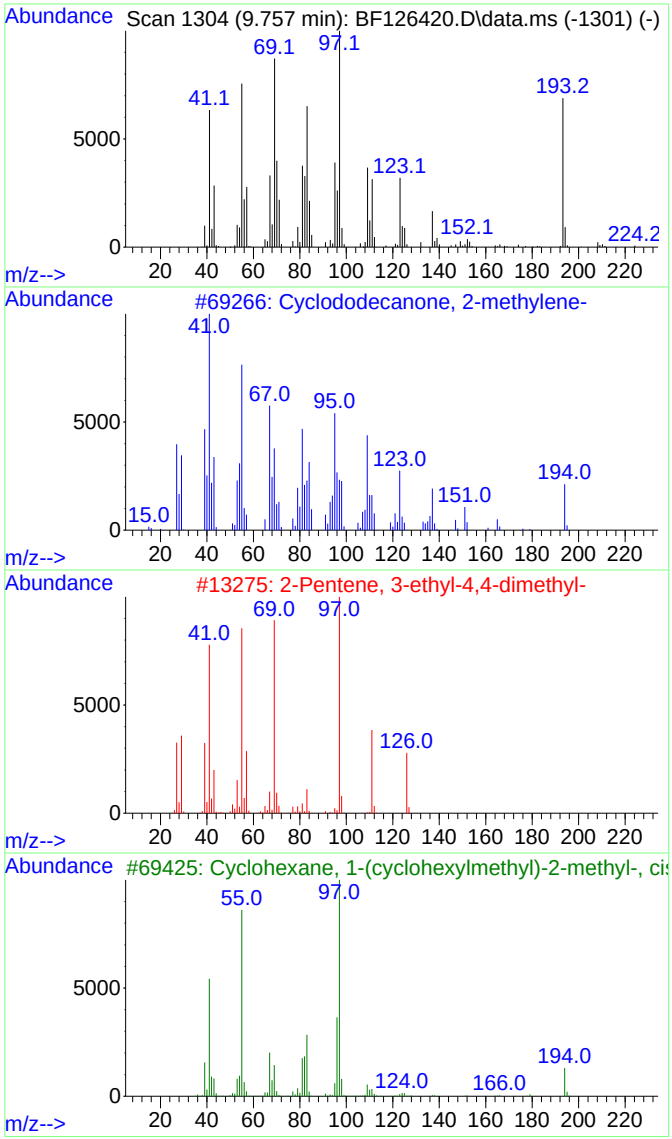
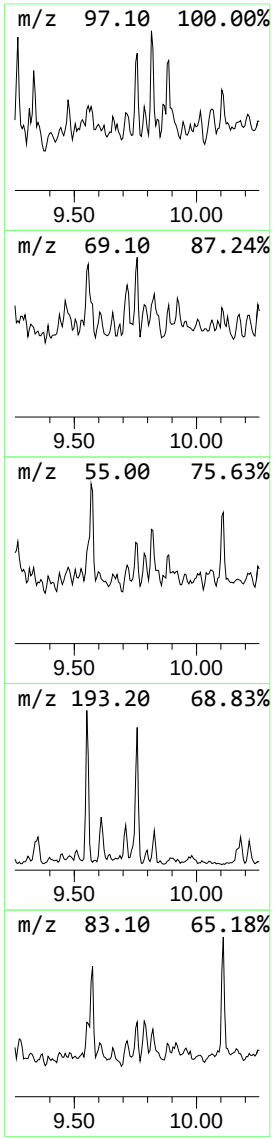
Peak Number 11 unknown9.757 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	15.55 ng	814559	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	42
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	25
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	18
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	14





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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

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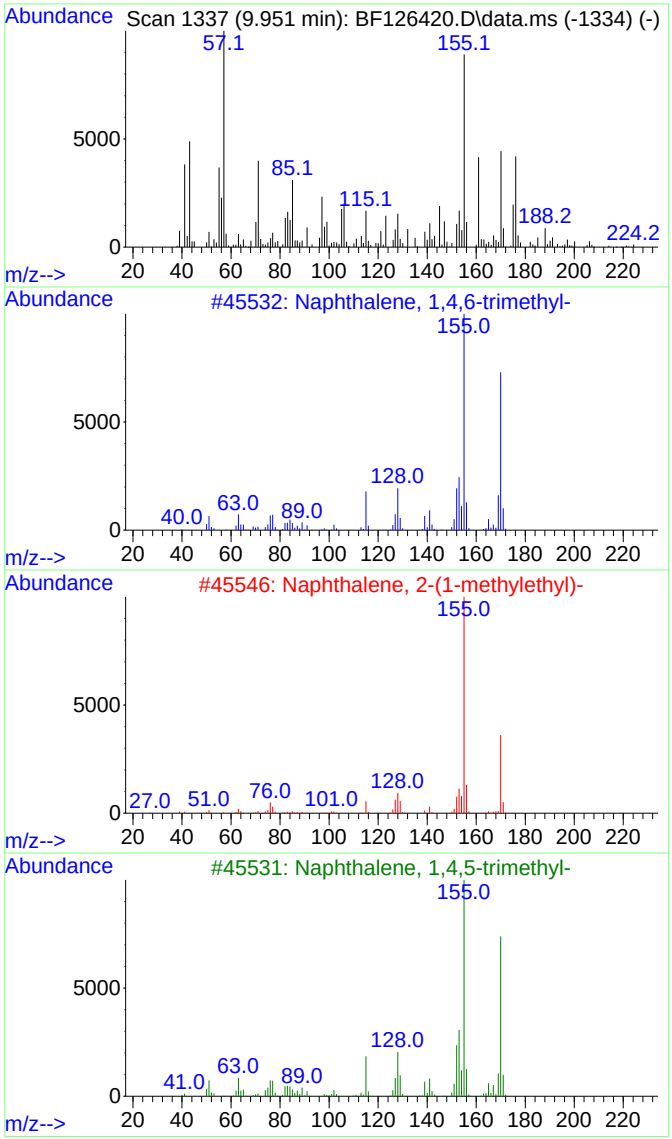
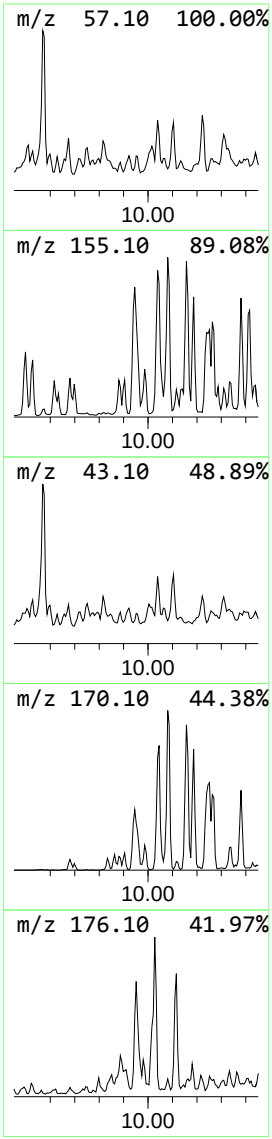
Peak Number 12 unknown9.951 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	12.96 ng	678817	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	44
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
4	Dodecane	170	C12H26	000112-40-3	35
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	30





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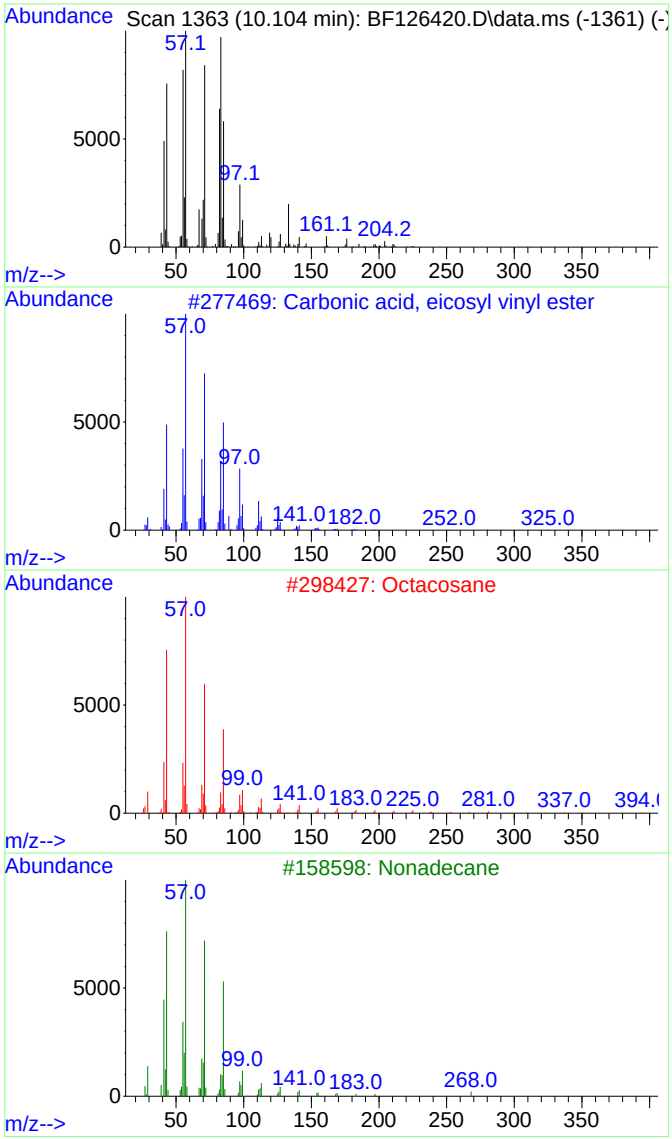
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

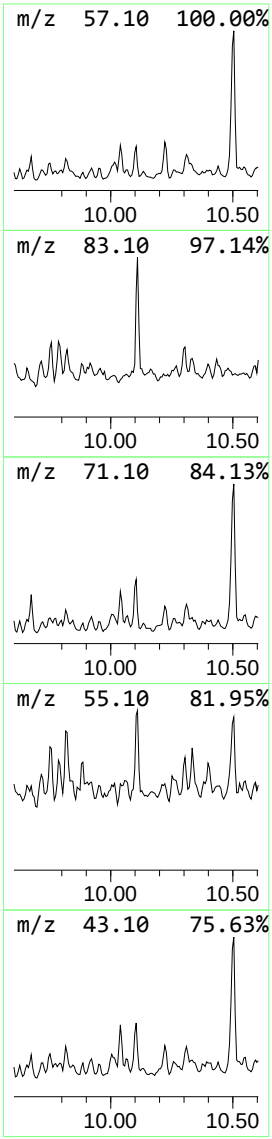
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Carbonic acid, eicosyl viny... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	25.69 ng	1345370	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	52
2	Octacosane	394	C28H58	000630-02-4	43
3	Nonadecane	268	C19H40	000629-92-5	43
4	Tetratetracontane	619	C44H90	007098-22-8	43
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43





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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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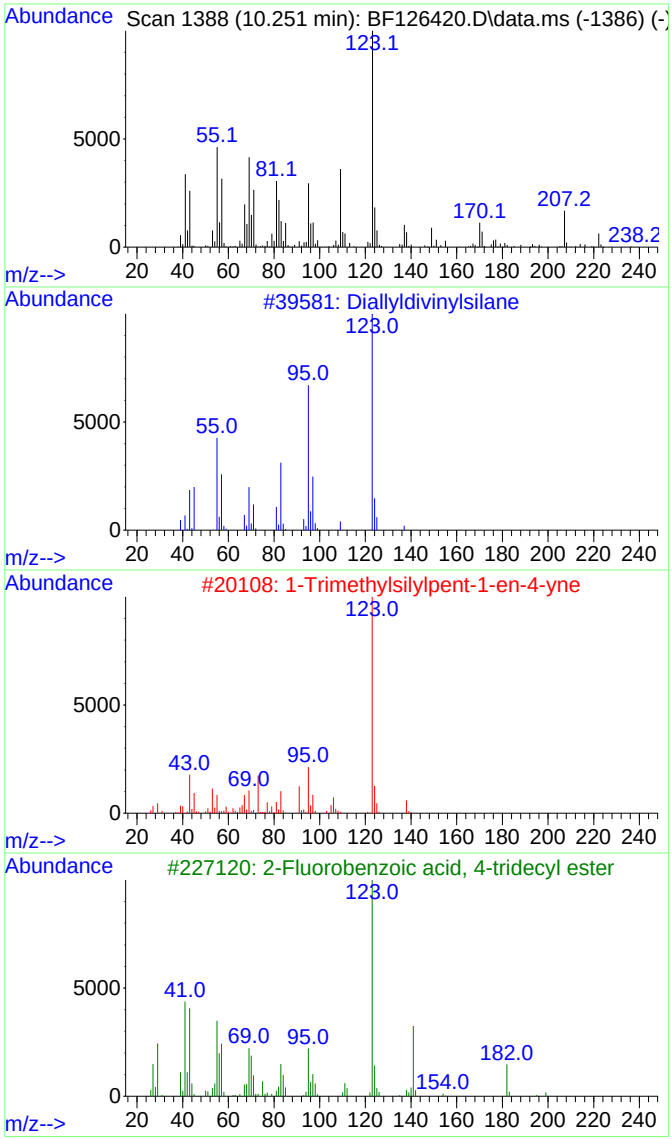
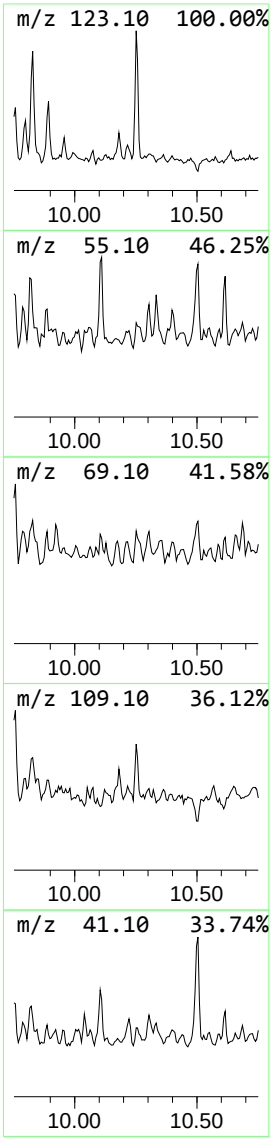
Peak Number 14 Diallyldivinylsilane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	15.02 ng	786582	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyldivinylsilane	164	C10H16Si	119901-88-1	53
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
3	2-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-61-2	50
4	3-Buten-2-one, 4-(4-hydroxy-2,2,...	224	C13H20O3	038274-01-0	47
5	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	47





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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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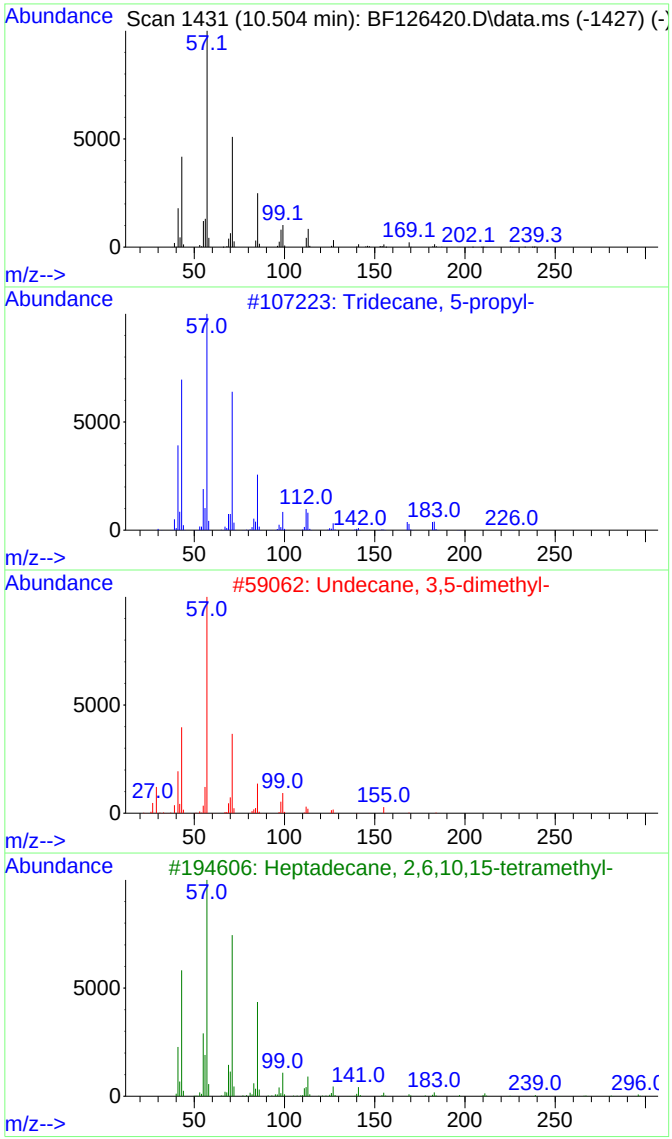
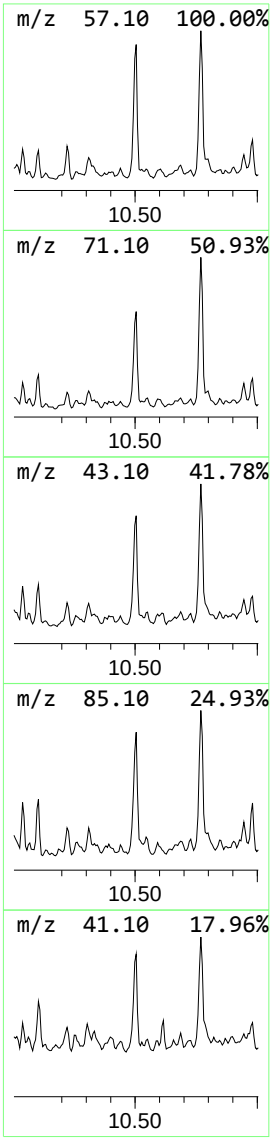
Peak Number 15 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	48.38 ng	2533770	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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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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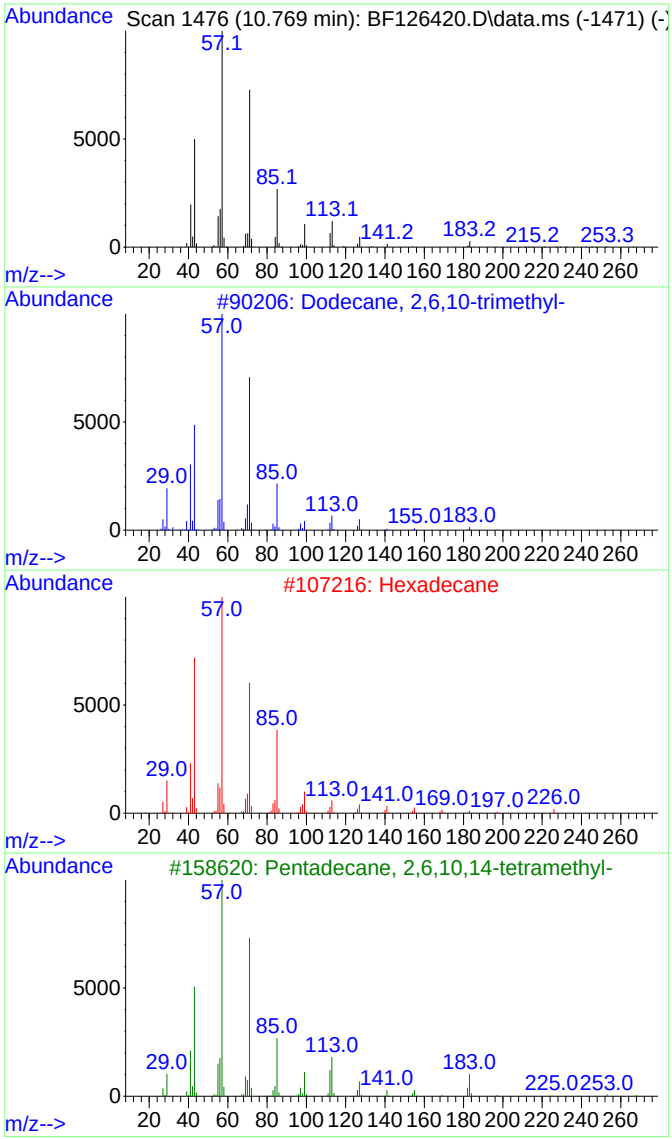
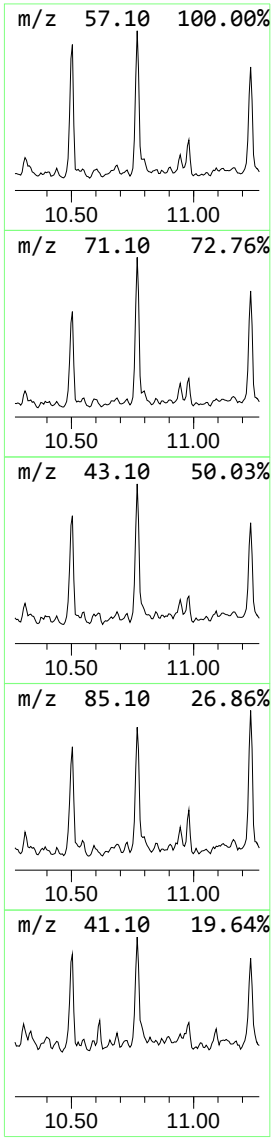
Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	180.85 ng	3997800	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2	Hexadecane	226	C16H34	000544-76-3	78
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	78
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72





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BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

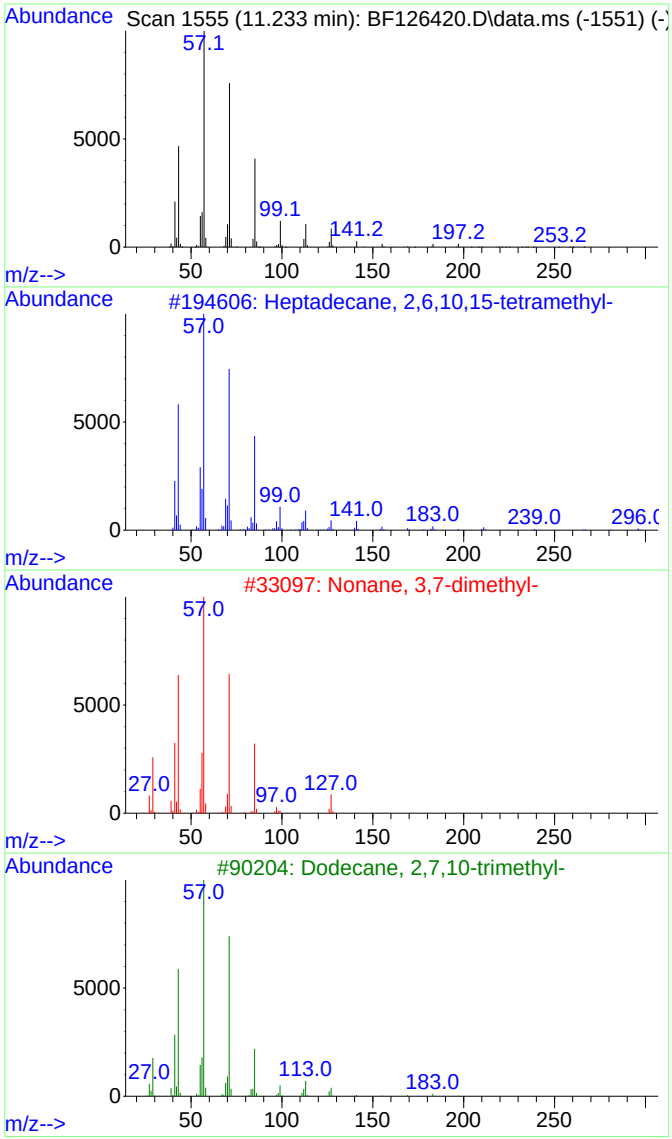
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

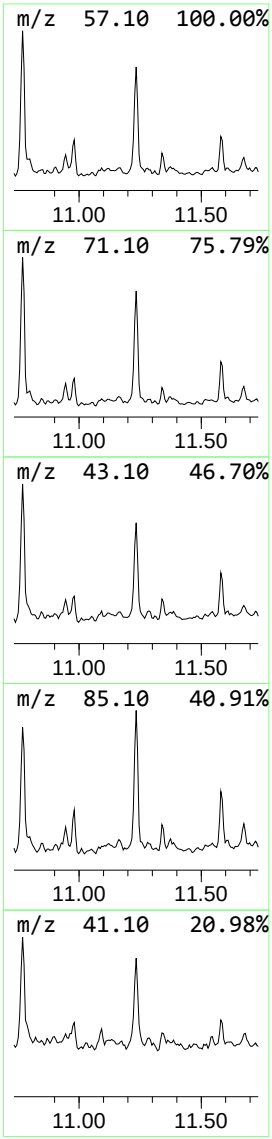
****

Peak Number 17 Nonane, 3,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	134.74 ng	2978580	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59





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Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

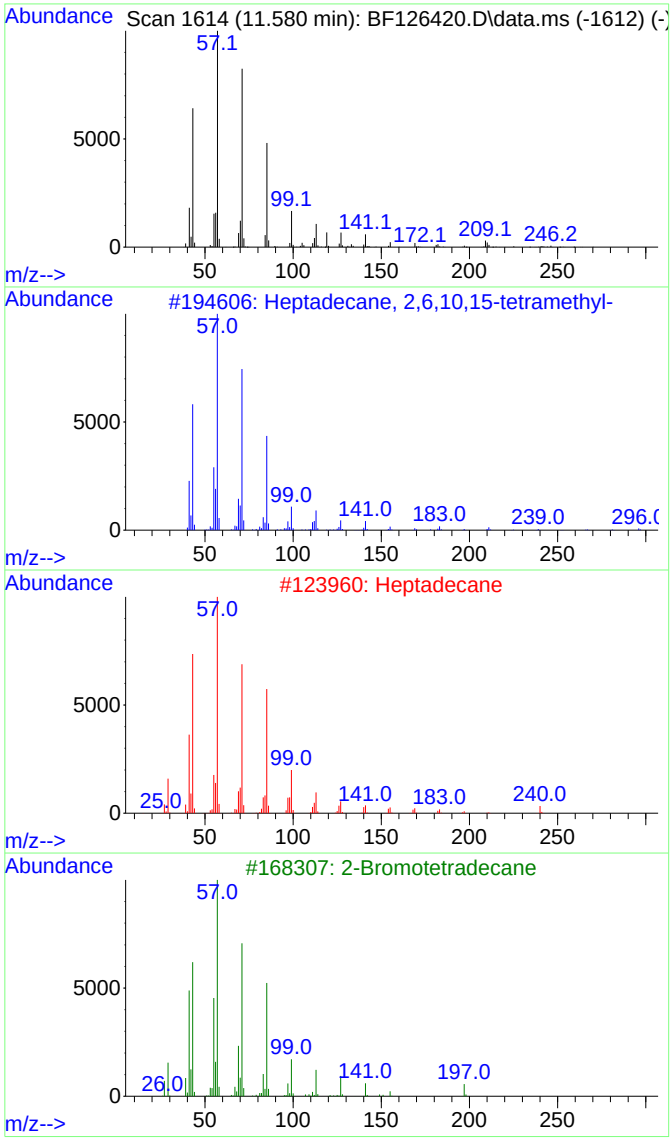
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

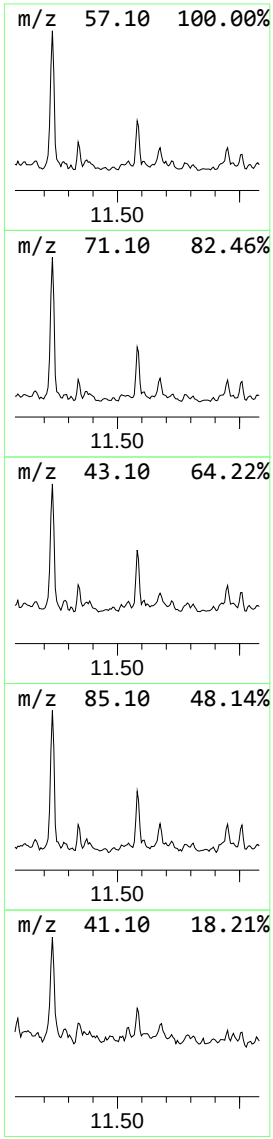
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.581	35.34 ng	781130	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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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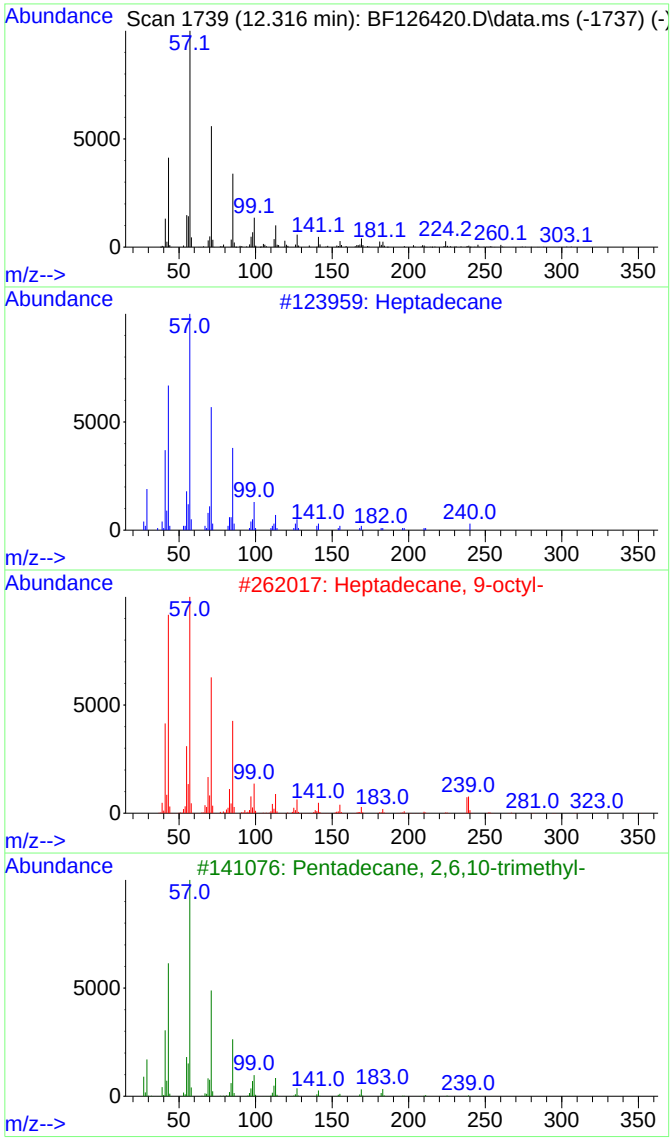
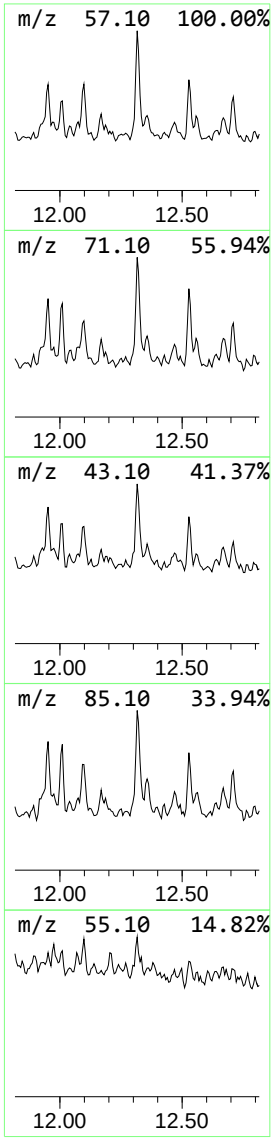
Peak Number 19 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	39.32 ng	869188	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

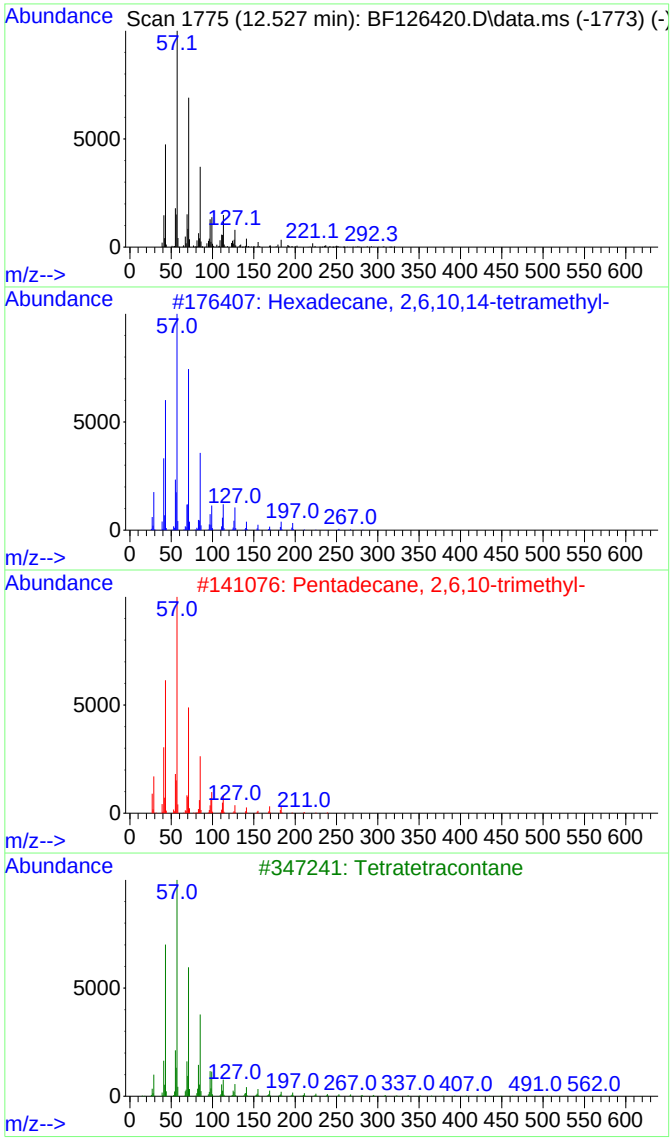
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

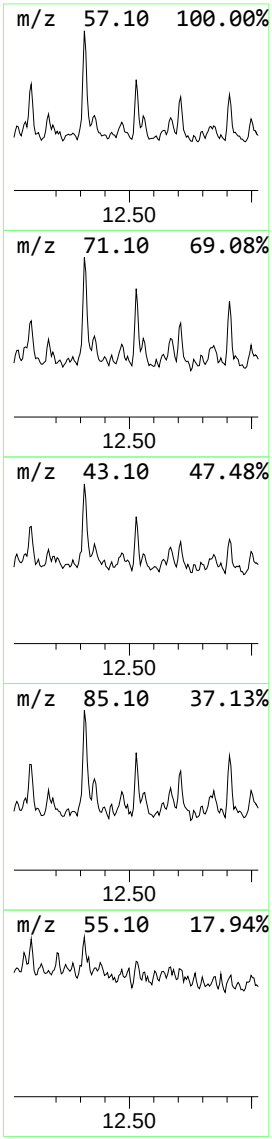
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.528	22.83 ng	504609	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126420.D
Acq On : 30 Dec 2021 15:19
Operator : JU/CG
Sample : M5237-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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
unknown6.051	6.051	14.4	ng	749007	1	6.798	1039480	20.0
Decane, 5-methyl-	7.081	12.8	ng	664043	1	6.798	1039480	20.0
Undecane, 2,6-d...	8.151	21.5	ng	1819350	2	8.081	1695610	20.0
Cyclohexane, (4...	8.381	17.7	ng	1500350	2	8.081	1695610	20.0
Octane, 2,6-dim...	8.516	31.3	ng	2652650	2	8.081	1695610	20.0
Tridecane, 7-me...	8.634	14.3	ng	1209460	2	8.081	1695610	20.0
Tridecane, 6-me...	8.781	16.3	ng	1384700	2	8.081	1695610	20.0
Tetracontane, 3...	8.969	15.3	ng	800262	3	9.839	1047400	20.0
Sulfurous acid,...	9.257	27.8	ng	1456960	3	9.839	1047400	20.0
Tritetracontane	9.569	54.4	ng	2846230	3	9.839	1047400	20.0
unknown9.757	9.757	15.6	ng	814559	3	9.839	1047400	20.0
unknown9.951	9.951	13.0	ng	678817	3	9.839	1047400	20.0
Carbonic acid, ...	10.104	25.7	ng	1345370	3	9.839	1047400	20.0
Diallyldivinyls...	10.251	15.0	ng	786582	3	9.839	1047400	20.0
Tridecane, 5-pr...	10.504	48.4	ng	2533770	3	9.839	1047400	20.0
Dodecane, 2,6,1...	10.769	180.8	ng	3997800	4	11.328	442121	20.0
Nonane, 3,7-dim...	11.233	134.7	ng	2978580	4	11.328	442121	20.0
Heptadecane, 2,...	11.581	35.3	ng	781130	4	11.328	442121	20.0
Heptadecane	12.316	39.3	ng	869188	4	11.328	442121	20.0
Hexadecane, 2,6...	12.528	22.8	ng	504609	4	11.328	442121	20.0