LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	489	494	501	rVB	28501	40668	3.36%	0.256%
2	5.504	553	563	574	rBV	288807	388220	32.04%	2.443%
3	5.804	609	614	622	rVB2	10008	16101	1.33%	0.101%
4	5.922	626	634	637	rBV4	11433	20487	1.69%	0.129%
5	5.963	637	641	649	rBV4	6612	12481	1.03%	0.079%
6	6.045	649	655	660	rVB4	11855	23691	1.96%	0.149%
7	6.145	667	672	677	rBV2	37716	68421	5.65%	0.431%
8	6.198	677	681	684	rVB2	12572	15299	1.26%	0.096%
9	6.328	698	703	707	rBV2	29441	45536	3.76%	0.287%
10	6.392	707	714	716	rVV2	22424	38660	3.19%	0.243%
11	6.428	716	720	726	rVV3	38603	69169	5.71%	0.435%
12	6.516	726	735	742	rBV	257688	394080	32.52%	2.480%
13	6.575	742	745	750	rVB3	18584	28142	2.32%	0.177%
14	6.634	750	755	760	rBV5	40607	80187	6.62%	0.505%
15	6.728	767	771	778	rBV3	78307	124734	10.29%	0.785%
16	6.822	783	787	790	rVV4	15156	27268	2.25%	0.172%
17	6.892	794	799	805	rVV2	522257	762445	62.92%	4.798%
18	6.951	805	809	813	rVV2	64376	83662	6.90%	0.526%
19	7.004	813	818	821	rVV3	36643	57213	4.72%	0.360%
20	7.039	821	824	828	rVB	92920	112725	9.30%	0.709%
21	7.122	835	838	840	rBV	32210	38649	3.19%	0.243%
22	7.169	841	846	849	rVB	103763	132908	10.97%	0.836%
23	7.210	849	853	856	rBV	76883	120097	9.91%	0.756%
24	7.286	861	866	870	rBV4	122147	193387	15.96%	1.217%
25	7.375	877	881	884	rBV5	22329	40990	3.38%	0.258%
26	7.428	885	890	892	rBV4	150694	228460	18.85%	1.438%
27	7.451	892	894	897	rVV	155084	213565	17.62%	1.344%
28	7.486	897	900	904	rVB	159738	221487	18.28%	1.394%
29	7.539	904	909	913	rBV4	143933	217615	17.96%	1.369%
30	7.581	913	916	918	rBV2	68935	99450	8.21%	0.626%
31	7.645	924	927	928	rBV3	22266	25027	2.07%	0.157%
32	7.669	928	931	933	rVV2	87748	116830	9.64%	0.735%
33	7.698	933	936	944	rVB2	140381	254533	21.01%	1.602%
34	7.798	945	953	954	rBV5	99015	219541	18.12%	1.382%
35	7.822	954	957	961	rVB3	90935	123540	10.20%	0.777%
36	7.892	966	969	970	rBV3	69445	69396	5.73%	0.437%

LSC Area Percent Report

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Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.916	970	973	977	rBV3	81831	95281	7.86%	0.600%
38	7.992	983	986	993	rVB4	98807	168564	13.91%	1.061%
39	8.051	993	996	999	rBV2	75808	84902	7.01%	0.534%
40	8.081	999	1001	1004	rBV2	23572	21952	1.81%	0.138%
41	8.128	1004	1009	1010	rBV4	75955	114068	9.41%	0.718%
42	8.181	1010	1018	1023	rVV2	594972	1211731	100.00%	7.625%
43	8.233	1024	1027	1030	rVV2	189316	234569	19.36%	1.476%
44	8.269	1030	1033	1040	rVB6	108398	167303	13.81%	1.053%
45	8.333	1040	1044	1045	rBV3	62225	77808	6.42%	0.490%
46	8.380	1049	1052	1056	rVB2	113646	141442	11.67%	0.890%
47	8.469	1063	1067	1072	rVB5	136238	190126	15.69%	1.196%
48	8.557	1079	1082	1085	rBV3	74011	86798	7.16%	0.546%
49	8.598	1085	1089	1091	rBV	177164	222474	18.36%	1.400%
50	8.680	1100	1103	1107	rBV	148650	194002	16.01%	1.221%
51	8.716	1107	1109	1113	rVV2	51429	64460	5.32%	0.406%
52	8.769	1114	1118	1122	rBV	220587	284418	23.47%	1.790%
53	8.839	1127	1130	1142	rVB6	129753	333141	27.49%	2.096%
54	8.928	1142	1145	1147	rBV4	40379	45726	3.77%	0.288%
55	8.998	1154	1157	1161	rBV2	97861	107362	8.86%	0.676%
56	9.128	1175	1179	1184	rBV4	63695	110248	9.10%	0.694%
57	9.198	1187	1191	1196	rVB3	202073	279649	23.08%	1.760%
58	9.251	1196	1200	1205	rVB	321307	382836	31.59%	2.409%
59	9.333	1209	1214	1218	rBV	260254	362341	29.90%	2.280%
60	9.651	1264	1268	1271	rBV3	154374	206300	17.03%	1.298%
61	9.710	1276	1278	1282	rVB3	55666	59076	4.88%	0.372%
62	9.804	1290	1294	1297	rBV5	41770	58552	4.83%	0.368%
63	9.863	1300	1304	1308	rVB	161745	214493	17.70%	1.350%
64	9.933	1312	1316	1320	rVB	498099	629670	51.96%	3.963%
65	10.039	1331	1334	1338	rVB	30446	37272	3.08%	0.235%
66	10.180	1355	1358	1363	rBV4	53236	70551	5.82%	0.444%
67	10.251	1367	1370	1377	rBV6	31834	76317	6.30%	0.480%
68	10.357	1384	1388	1392	rBV	124179	162334	13.40%	1.022%
69	10.580	1421	1426	1432	rVB	75317	128046	10.57%	0.806%
70	10.722	1446	1450	1462	rVB	166041	248508	20.51%	1.564%
71	10.839	1465	1470	1478	rVB	131834	241895	19.96%	1.522%
72	11.280	1541	1545	1548	rBV	54320	76975	6.35%	0.484%
73	11.310	1548	1550	1557	rVB2	53180	77712	6.41%	0.489%
74	11.421	1564	1569	1579	rBV2	508554	806866	66.59%	5.078%
75	11.498	1579	1582	1586	rVB	26975	33272	2.75%	0.209%
76	11.663	1607	1610	1614	rVV4	13459	16908	1.40%	0.106%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.710	1614	1618	1622	rVB	37296	44701	3.69%	0.281%
78	11.951	1652	1659	1664	rBV2	38143	83265	6.87%	0.524%
79	12.004	1665	1668	1670	rVV2	13462	17462	1.44%	0.110%
80	12.039	1670	1674	1682	rVB	51752	90948	7.51%	0.572%
81	12.116	1684	1687	1691	rBV	29392	35442	2.92%	0.223%
82	12.474	1745	1748	1751	rBV	27370	39004	3.22%	0.245%
83	12.510	1751	1754	1760	rVB2	39304	54397	4.49%	0.342%
84	12.639	1771	1776	1781	rBV	285036	355064	29.30%	2.234%
85	12.868	1809	1815	1821	rBV	273306	425263	35.10%	2.676%
86	13.010	1834	1839	1846	rVB	362354	499349	41.21%	3.142%
87	14.068	2014	2019	2030	rVB2	515683	909240	75.04%	5.722%
88	15.568	2269	2274	2288	rVB	257734	485827	40.09%	3.057%

Sum of corrected areas: 15890574

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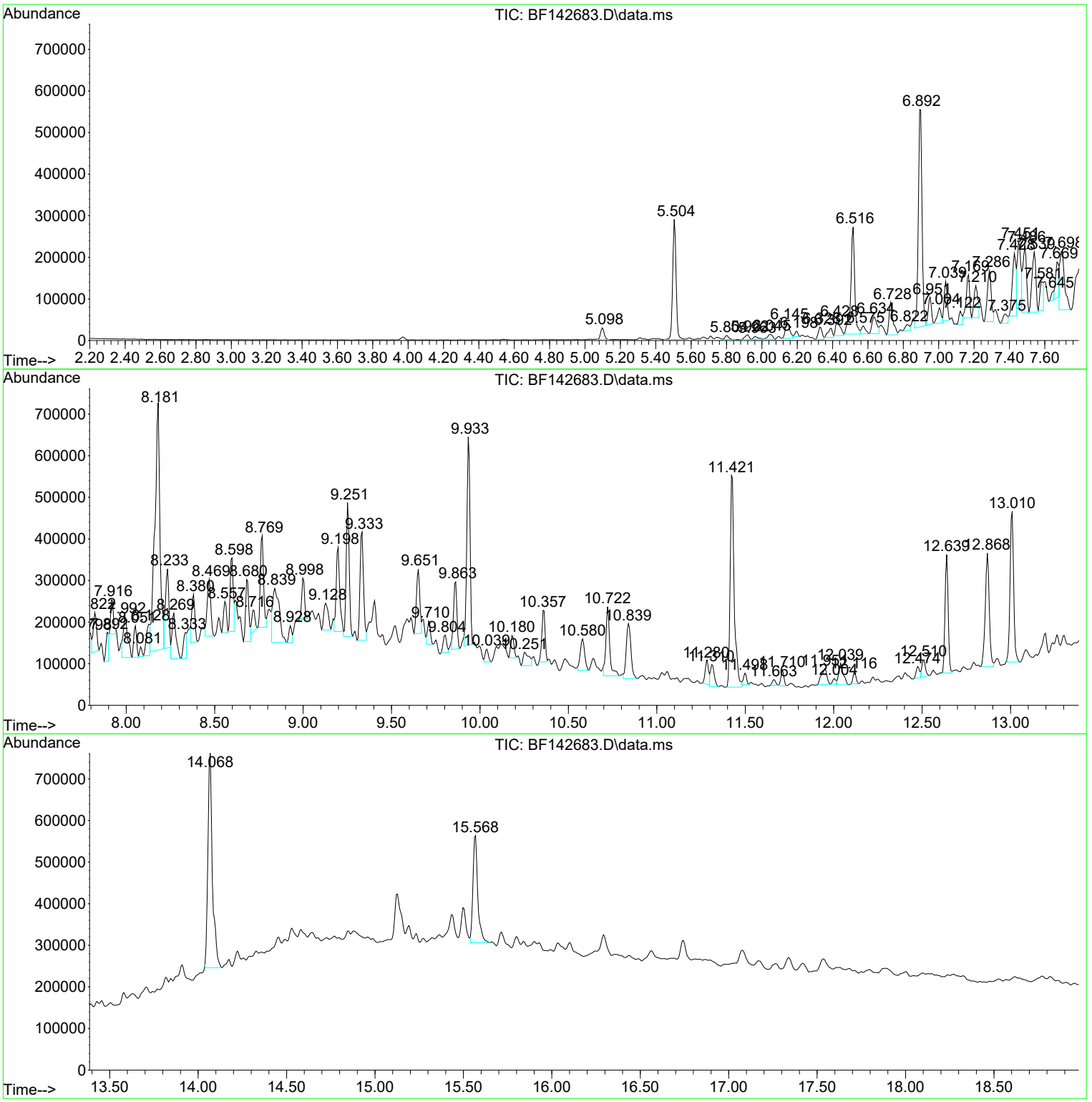
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

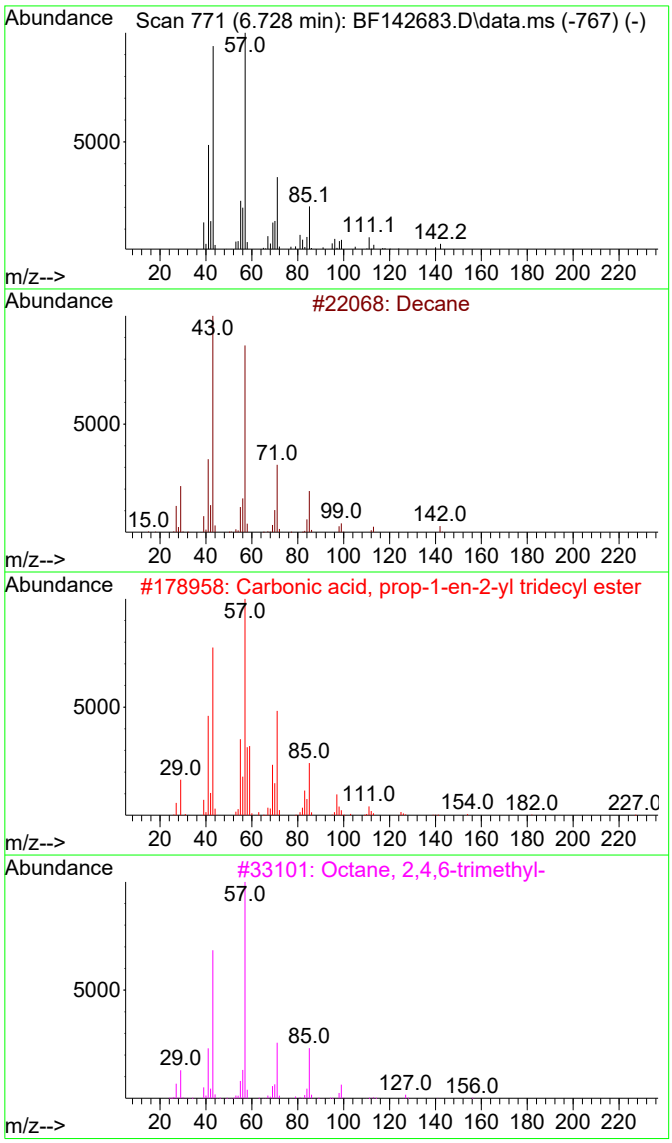
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

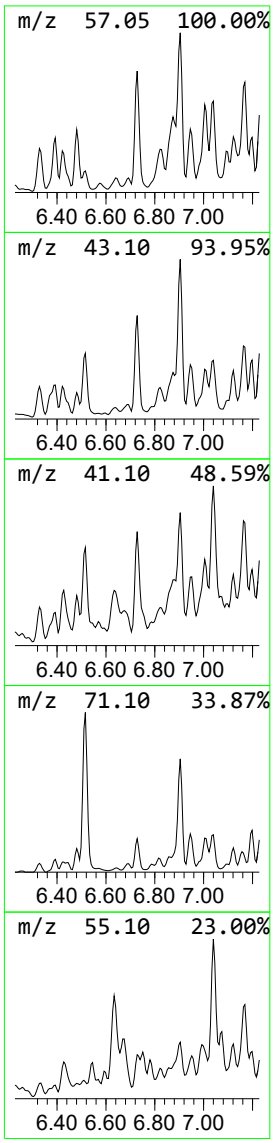
****

Peak Number 1 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	3.27 ng	124734	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	58
5	Nonane	128	C9H20	000111-84-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

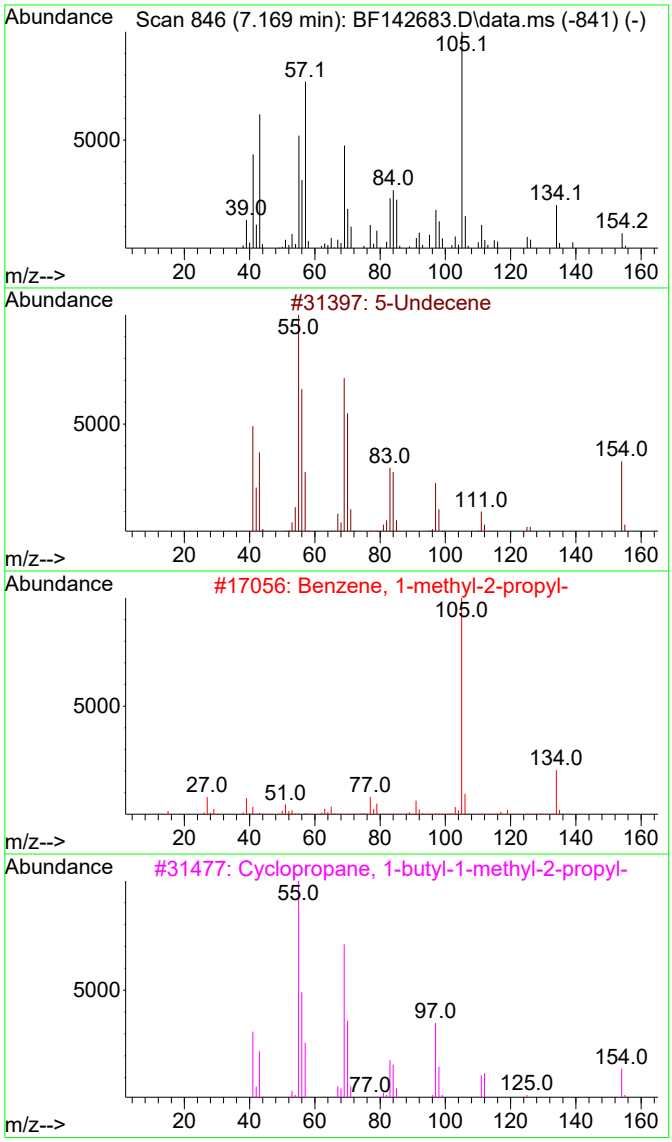
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

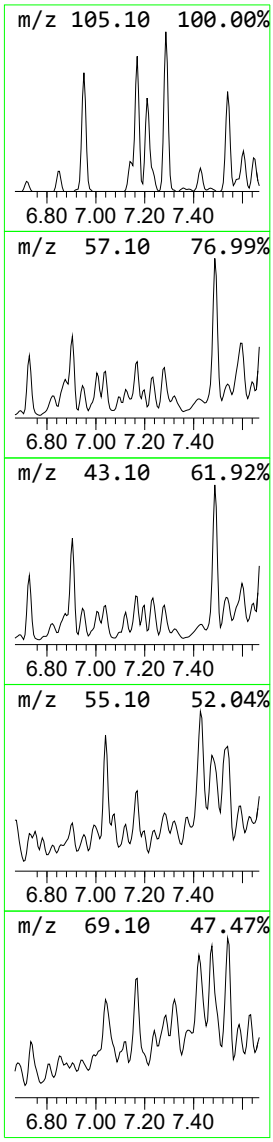
****

Peak Number 2 unknown7.169 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	3.49 ng	132908	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	38
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
3	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	35
4	Decane, 5-methyl-	156	C11H24	013151-35-4	22
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	22





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Instrument :
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ClientSampleId :
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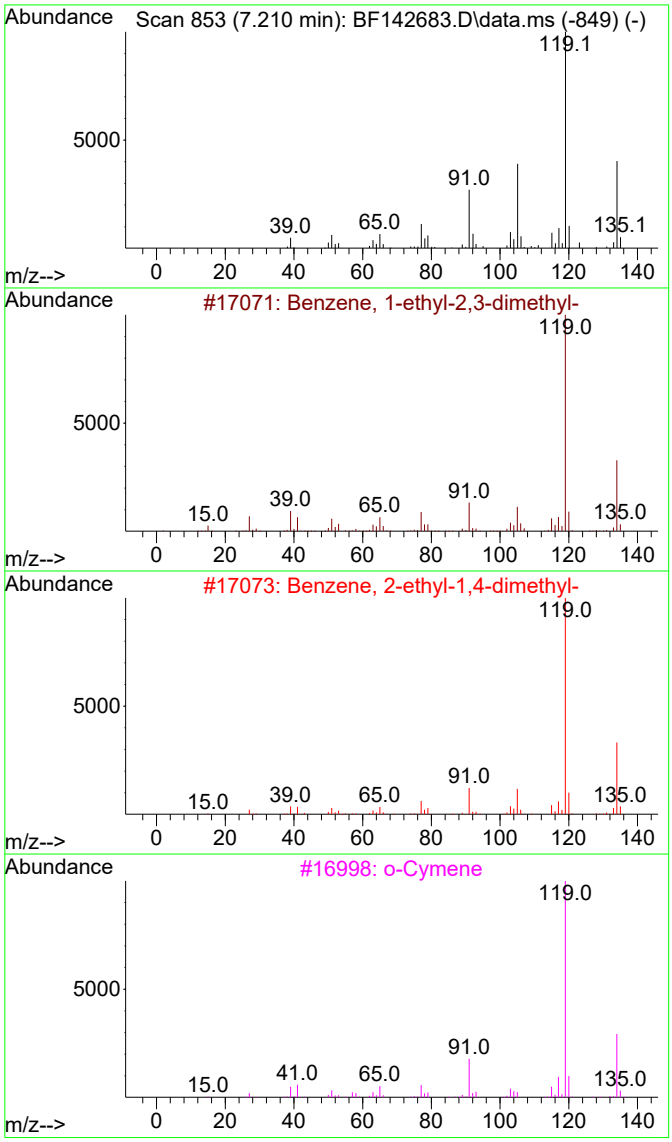
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

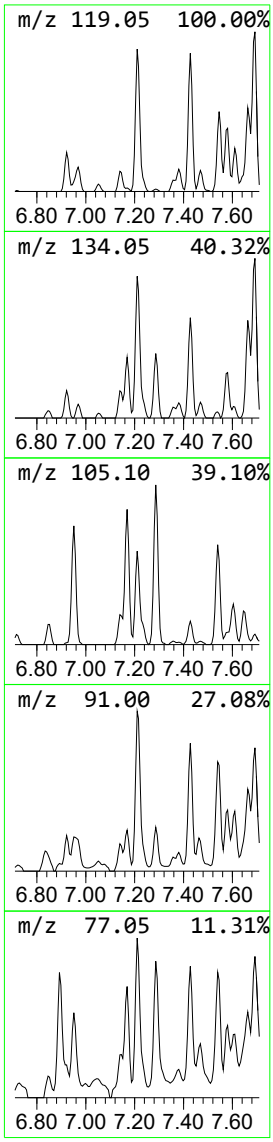
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	3.15 ng	120097	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

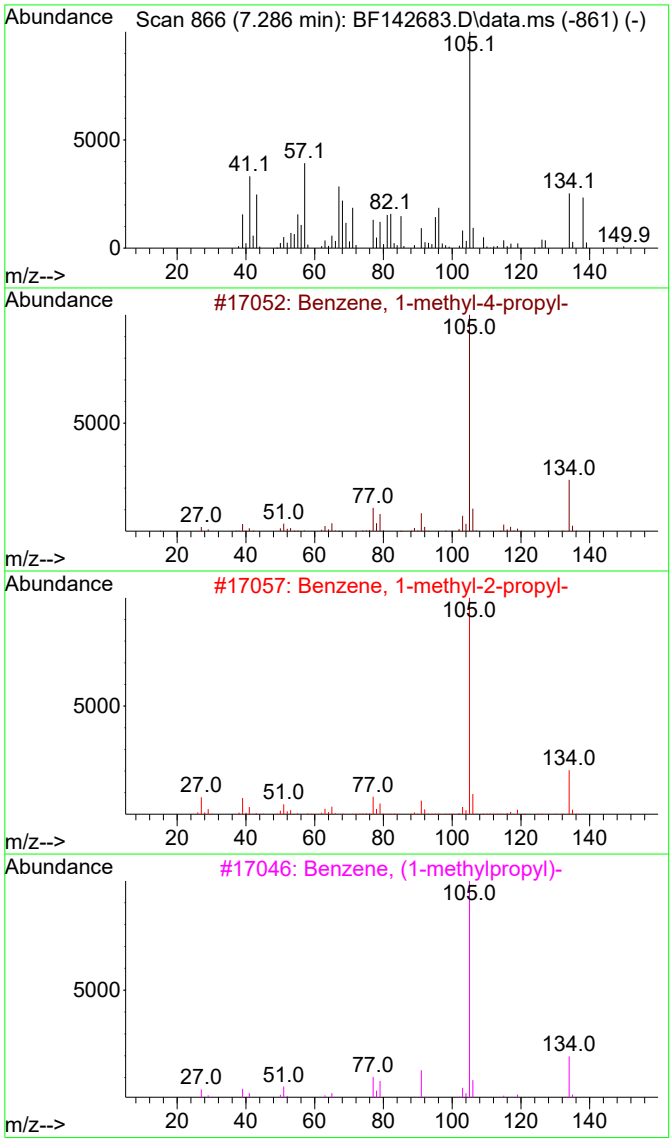
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

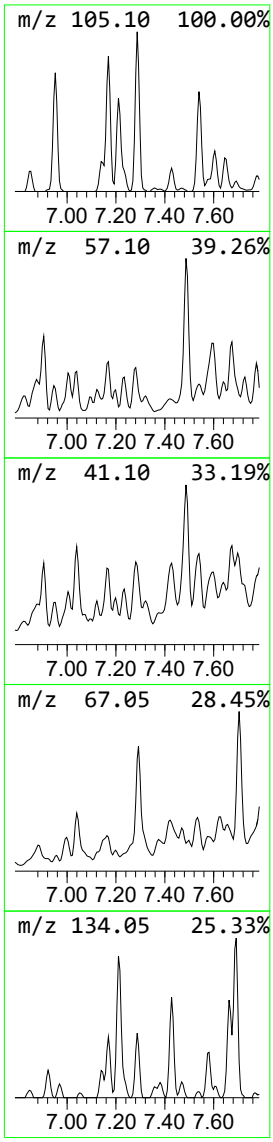
****

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.286	5.07 ng	193387	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	30
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
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Operator : RC/JU
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

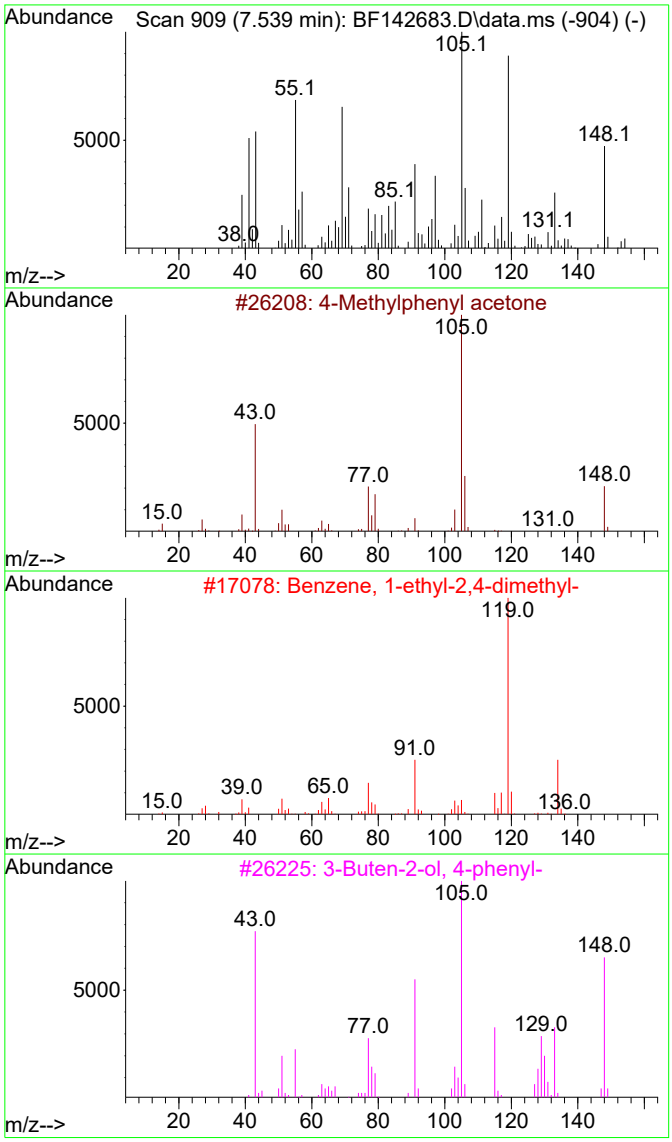
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

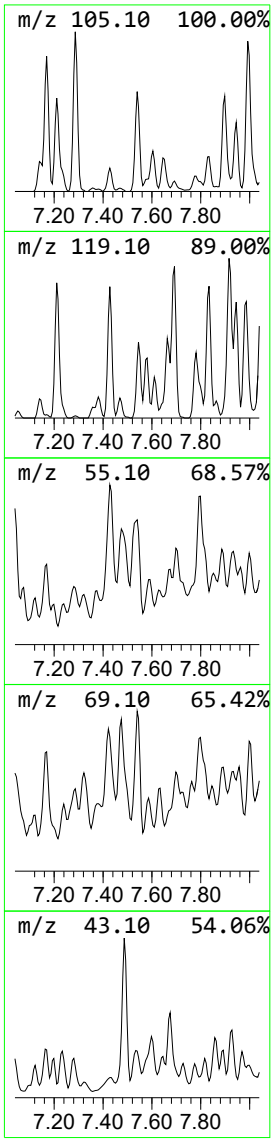
****

Peak Number 5 unknown7.539 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.539	3.59 ng	217615	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
3	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	35
4	p-Cymene	134	C10H14	000099-87-6	30
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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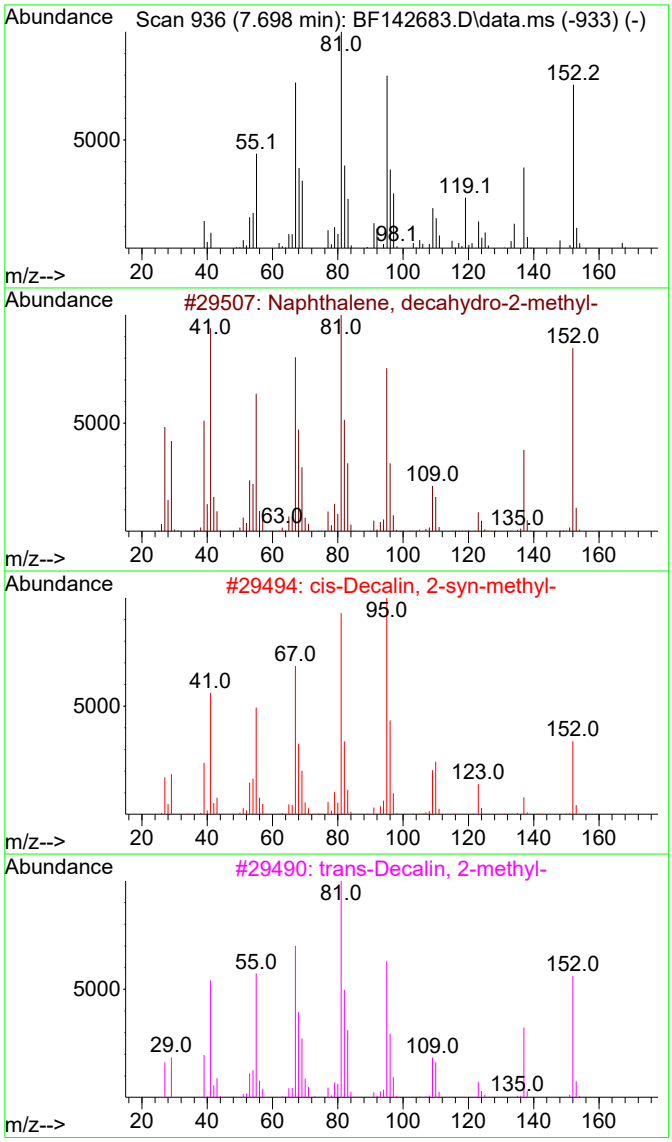
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

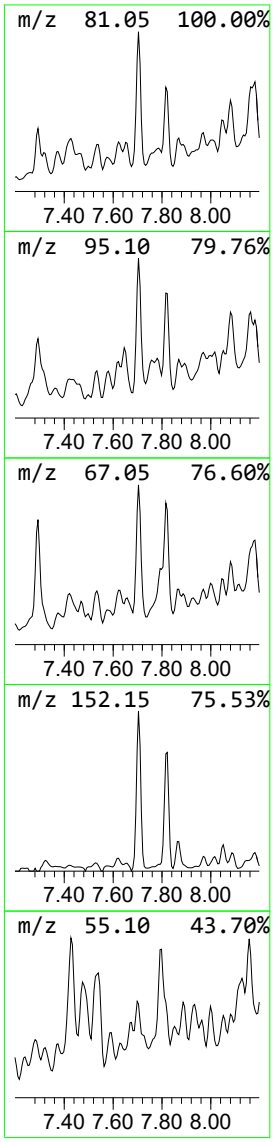
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	4.20 ng	254533	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	68
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	64





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Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
EO-01-06042025

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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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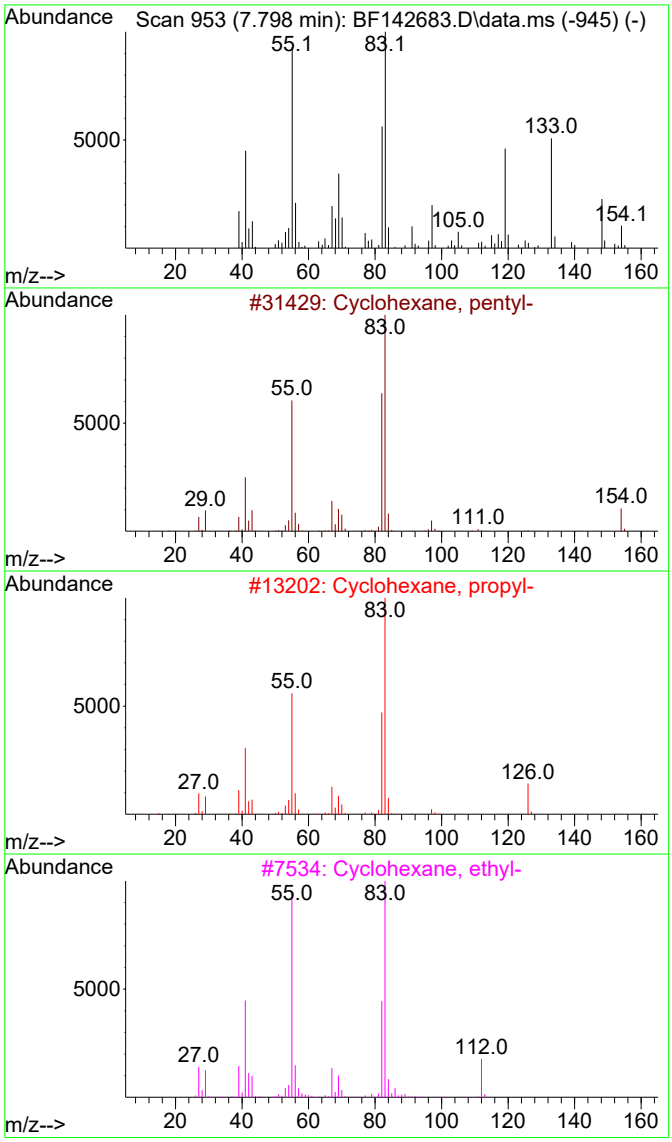
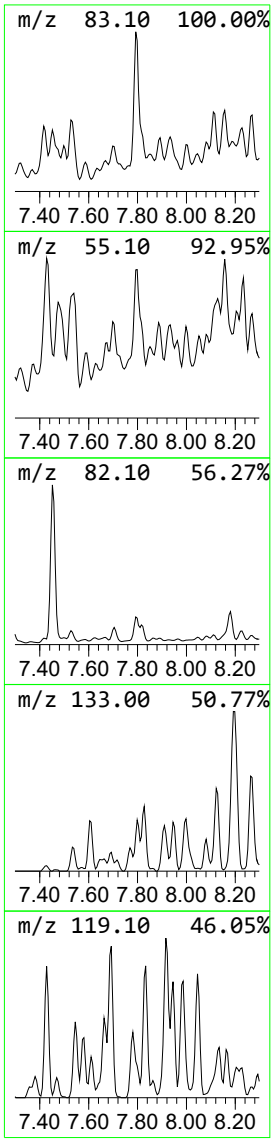
Peak Number 7 unknown7.798 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	3.62 ng	219541	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	38





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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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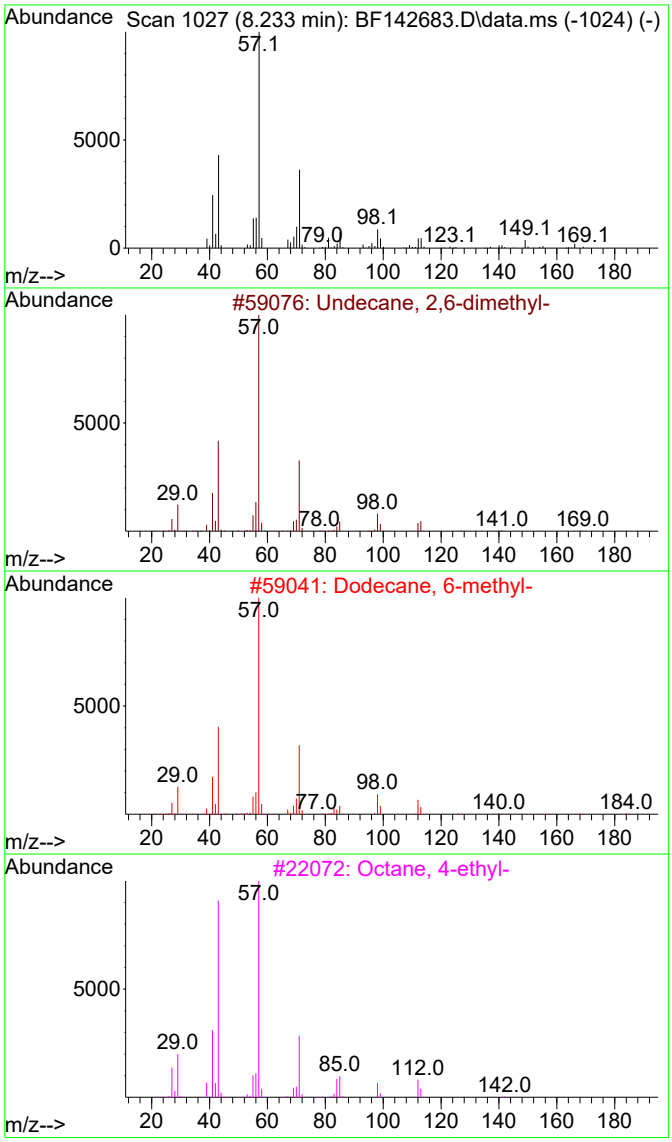
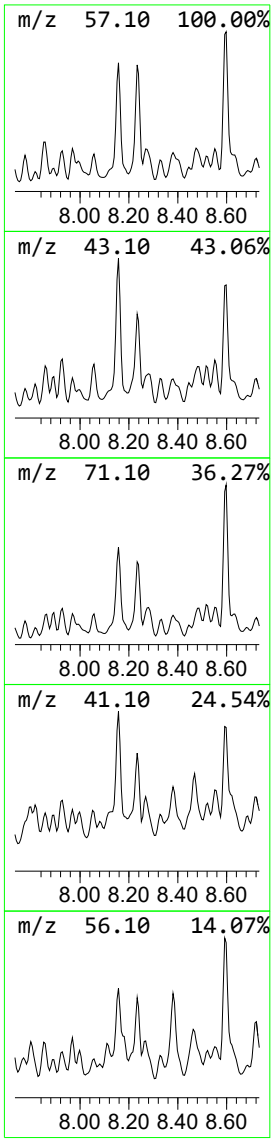
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	3.87 ng	234569	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	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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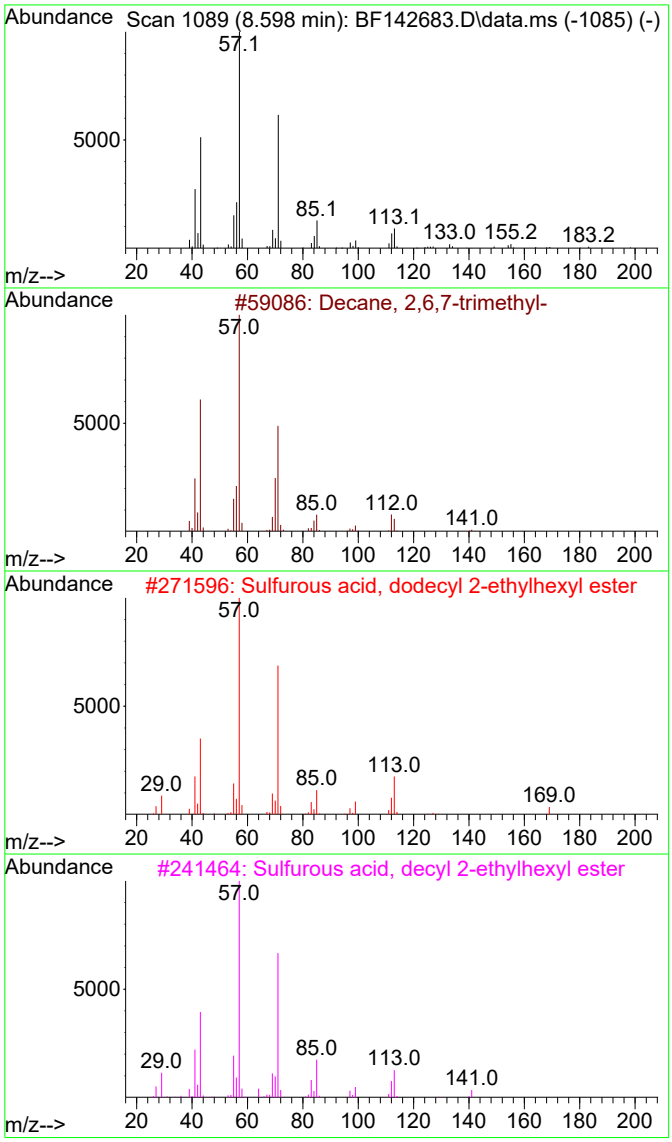
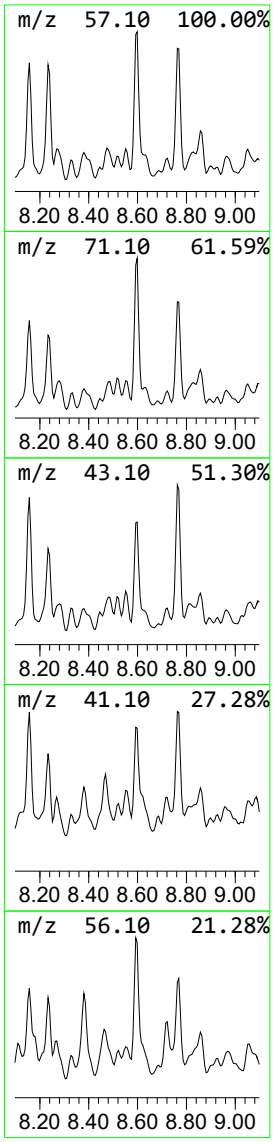
Peak Number 9 Decane, 2,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	3.67 ng	222474	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





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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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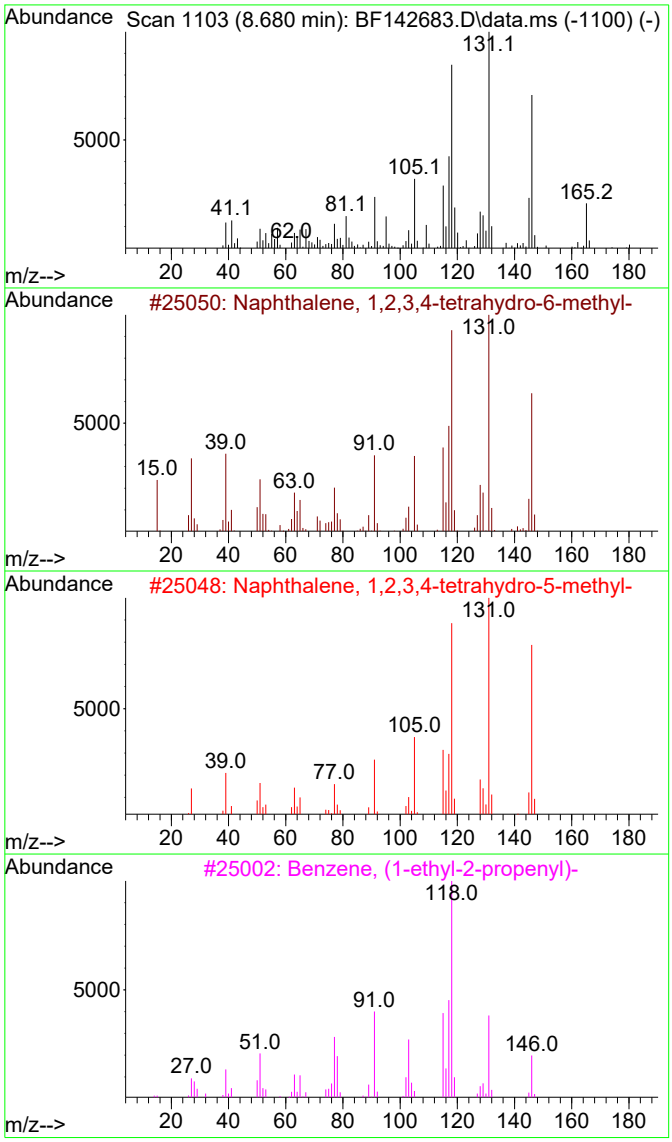
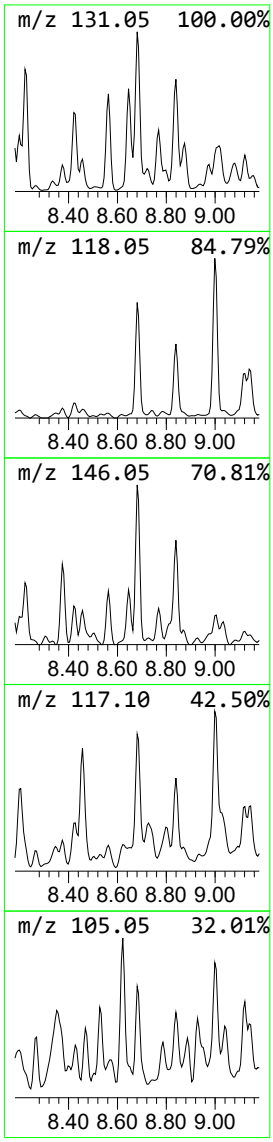
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.680	3.20 ng	194002	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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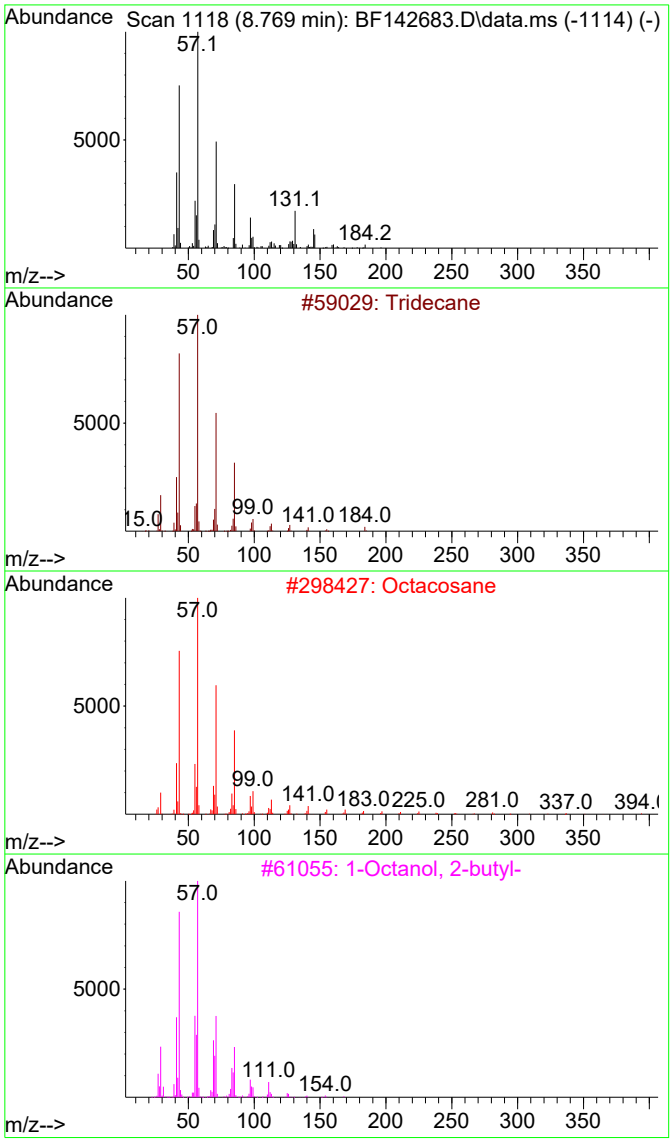
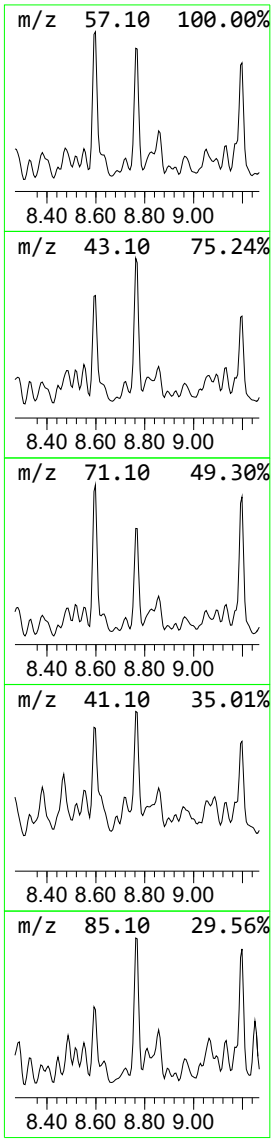
Peak Number 11 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	4.69 ng	284418	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Octacosane	394	C28H58	000630-02-4	64
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	58





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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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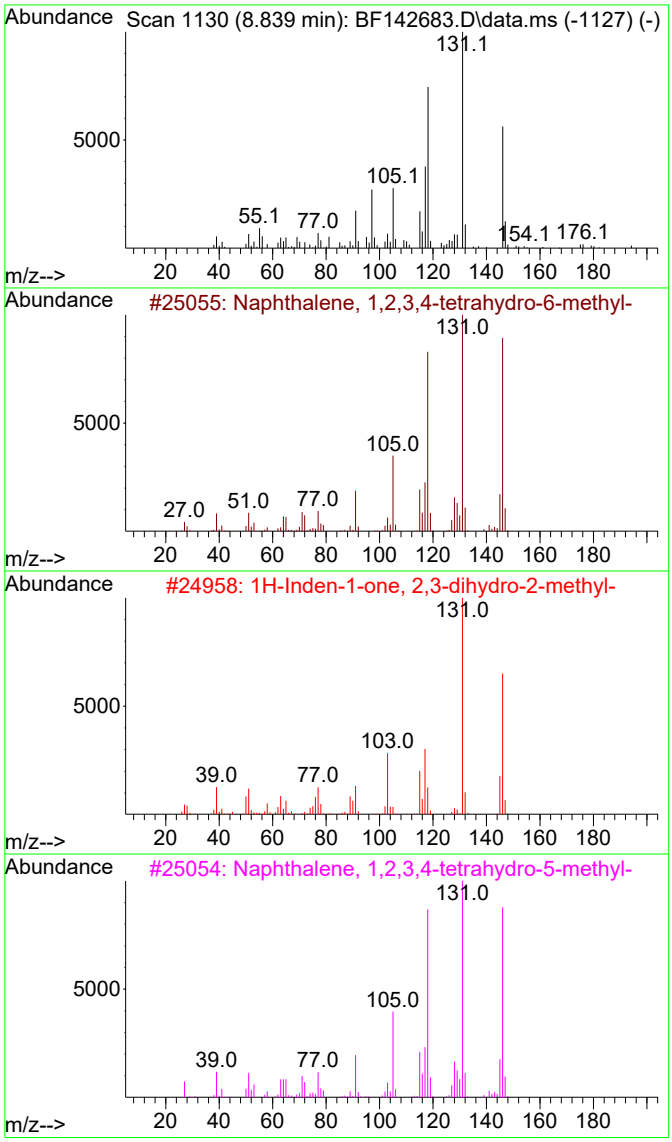
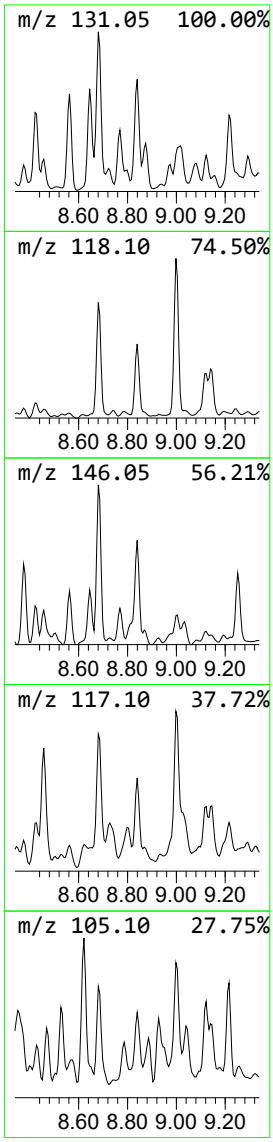
Peak Number 12 unknown8.839 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	5.50 ng	333141	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	46
5	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	45





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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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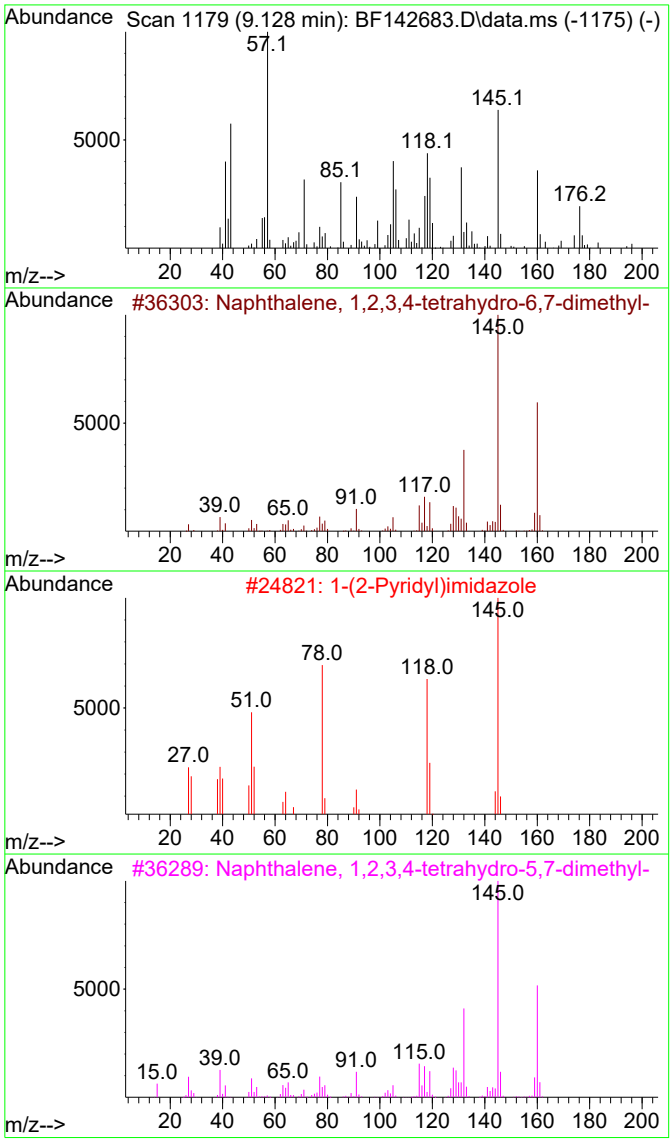
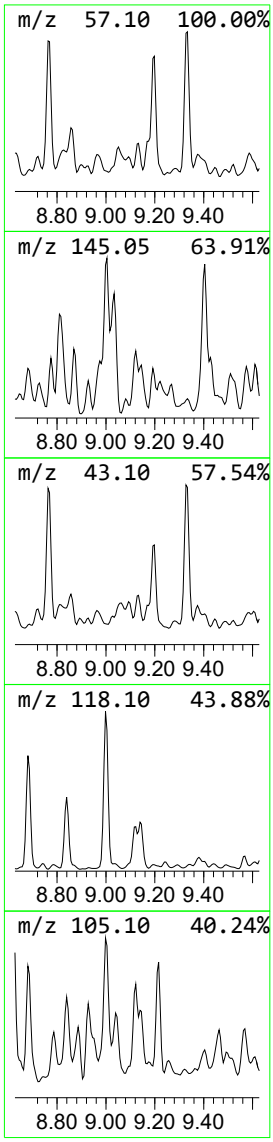
Peak Number 13 unknown9.128 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	3.50 ng	110248	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	27
2	1-(2-Pyridyl)imidazole	145	C8H7N3	025700-14-5	27
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	27
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	22
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	18





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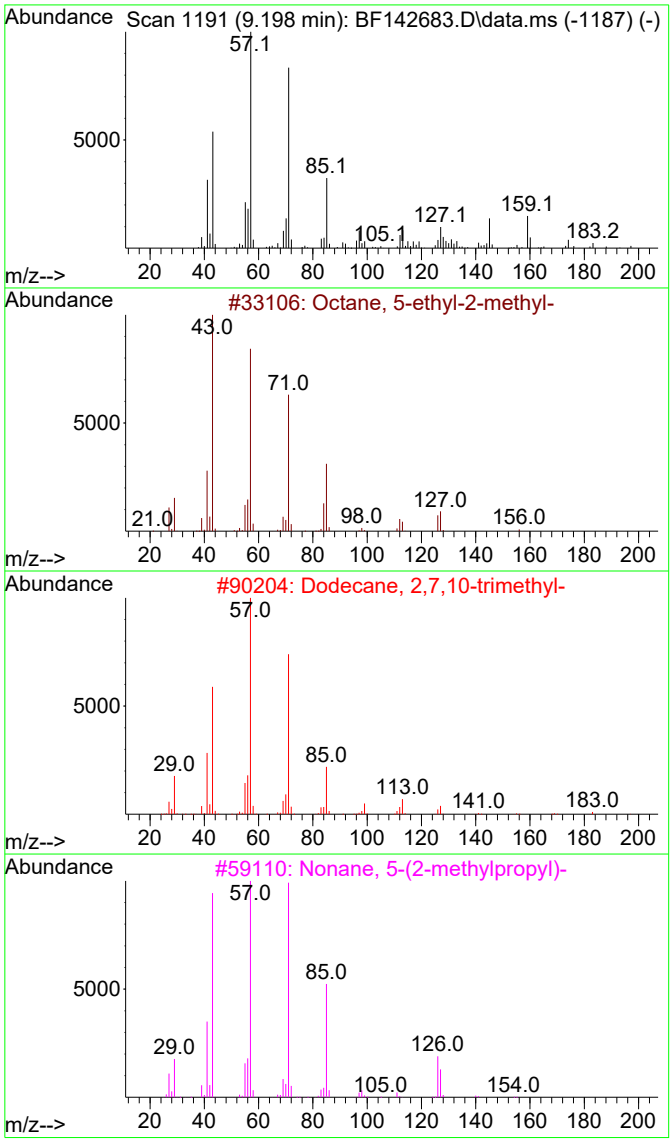
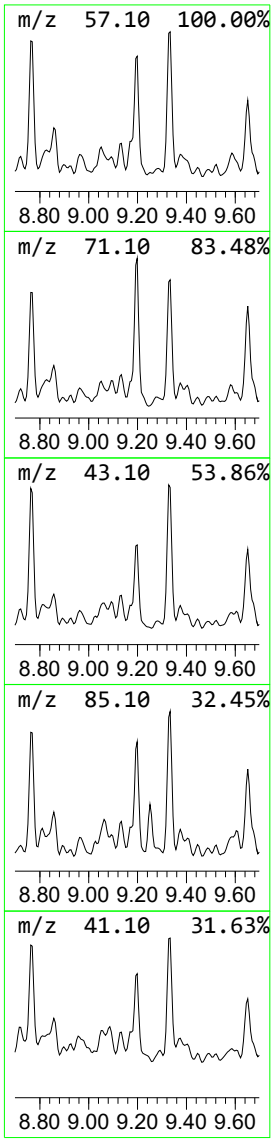
Peak Number 14 Octane, 5-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	8.88 ng	279649	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47





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TIC Library : C:\Database\NIST20.L
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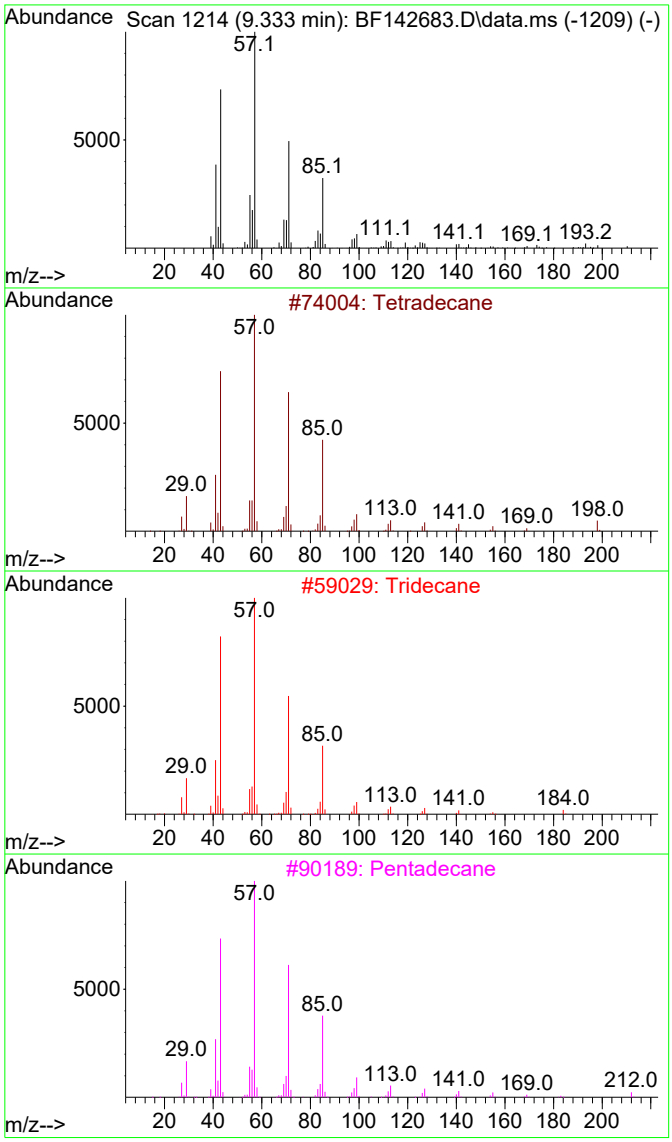
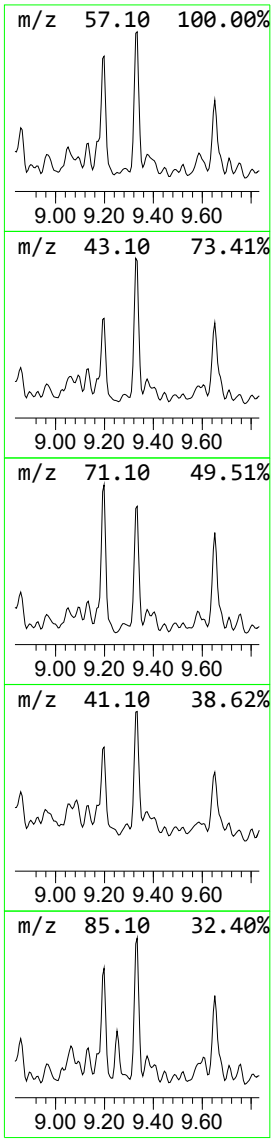
Peak Number 15 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	11.51 ng	362341	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane	170	C12H26	000112-40-3	86





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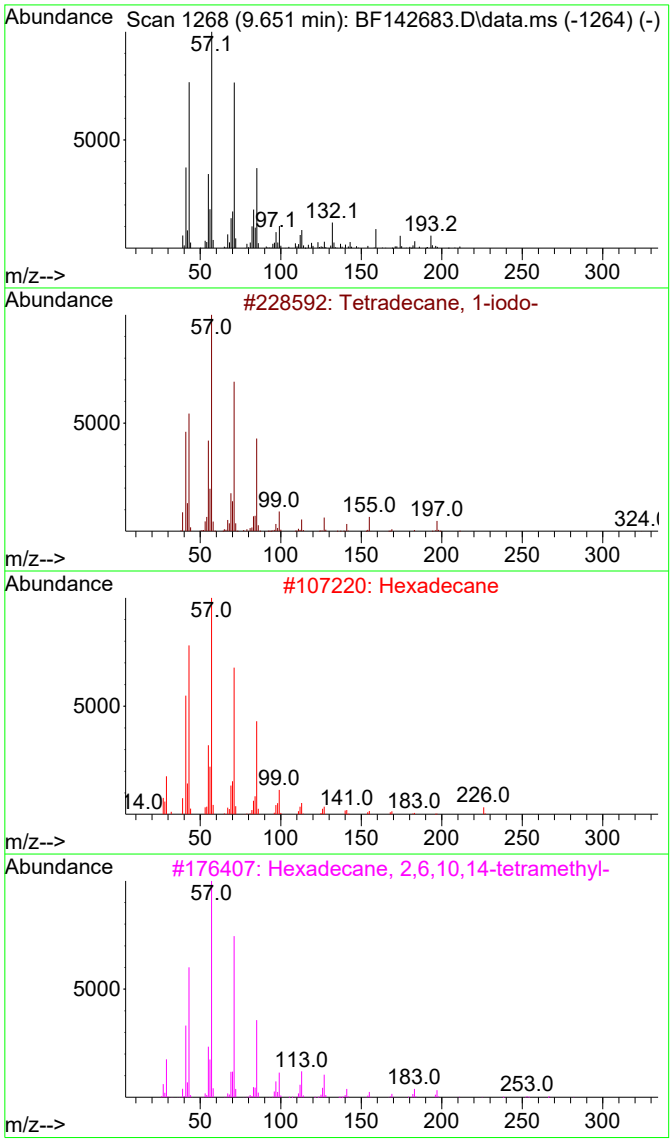
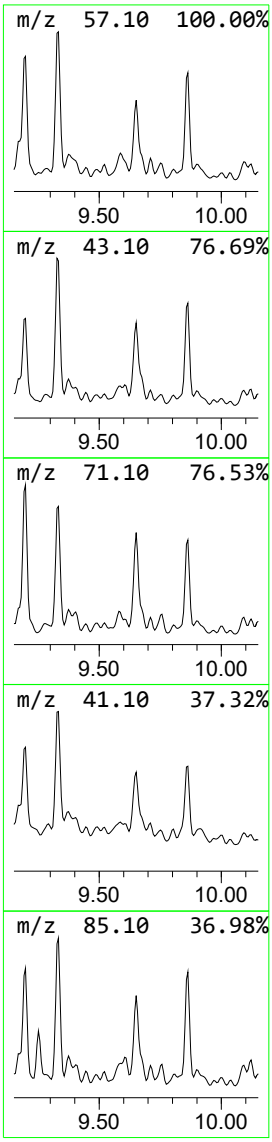
Peak Number 16 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	6.55 ng	206300	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	68





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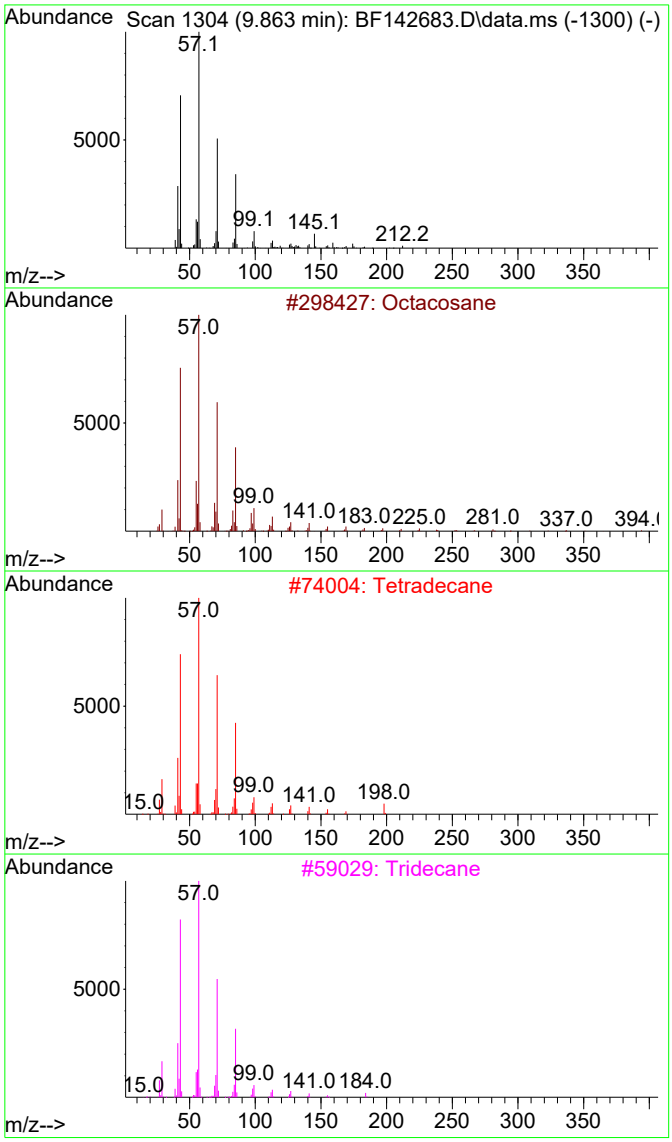
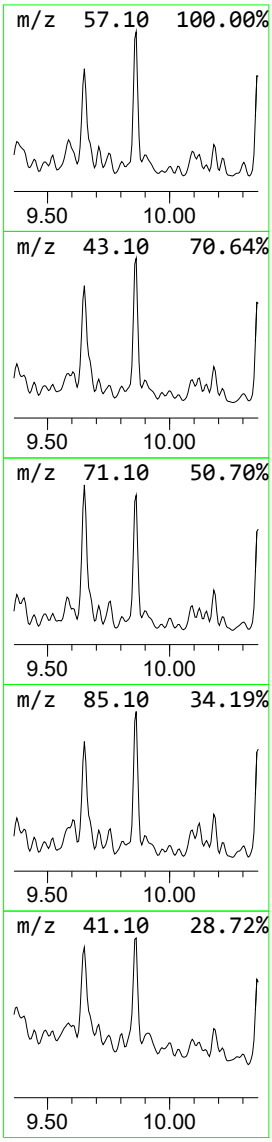
Peak Number 17 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	6.81 ng	214493	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





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Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

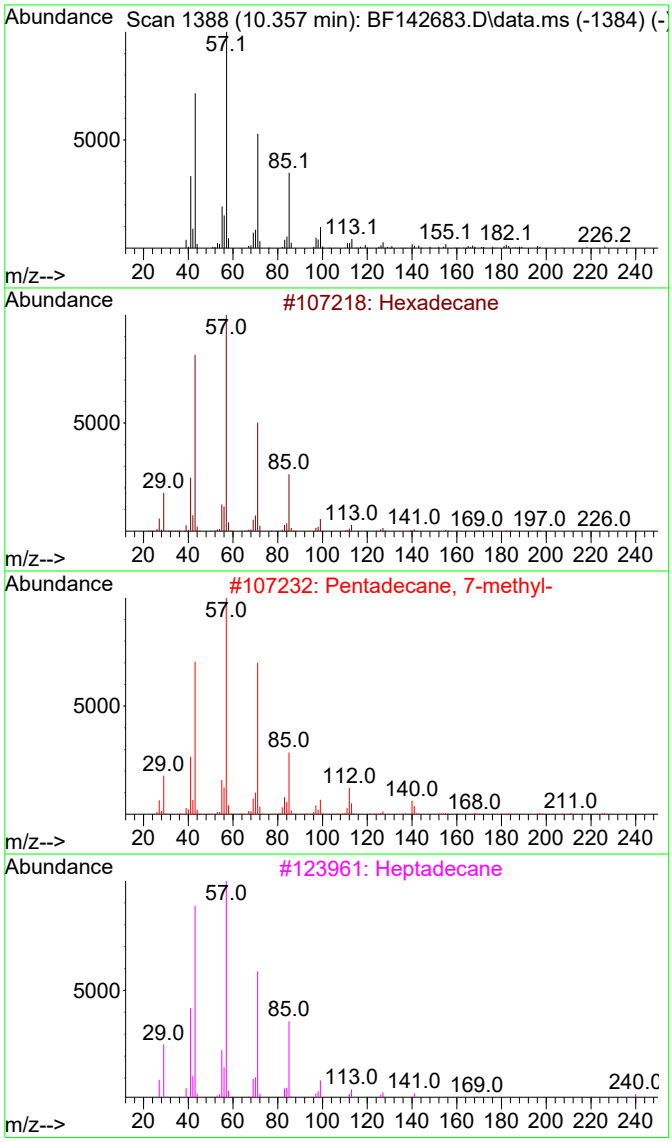
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

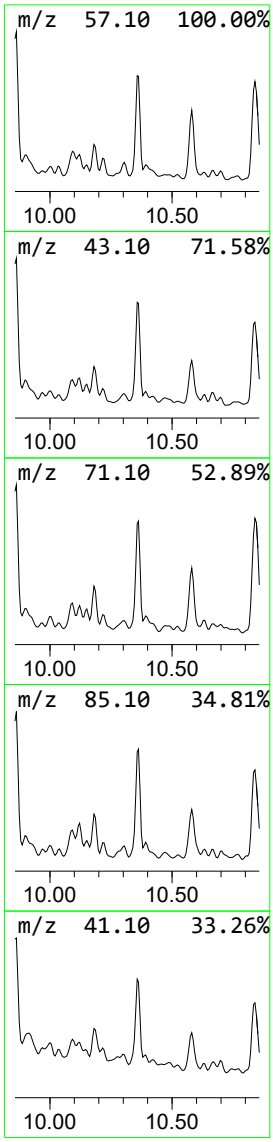
****

Peak Number 18 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	5.16 ng	162334	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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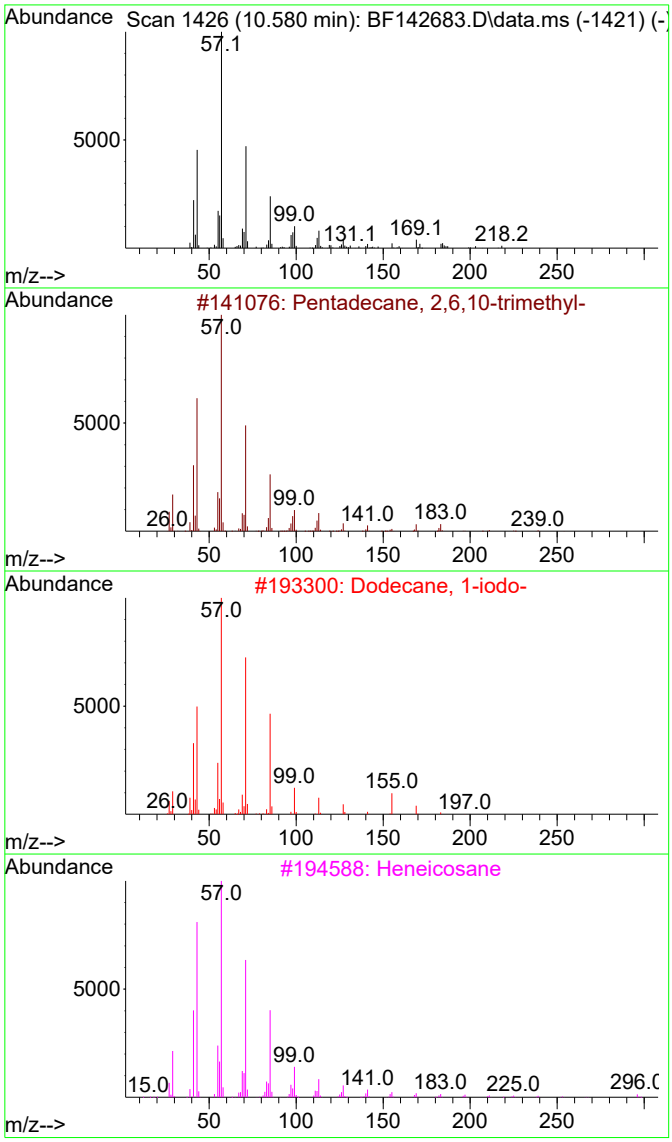
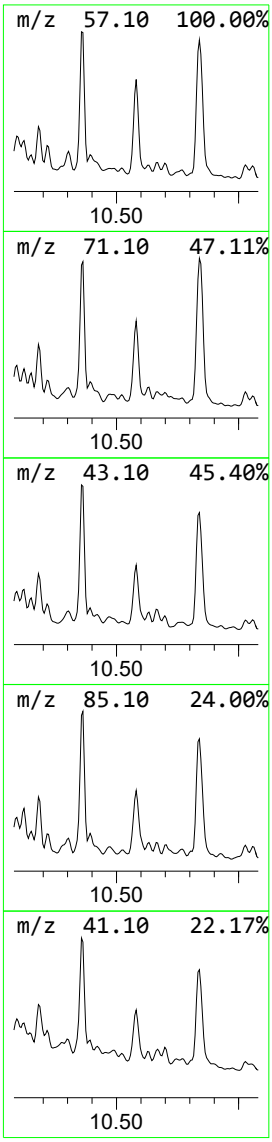
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	4.07 ng	128046	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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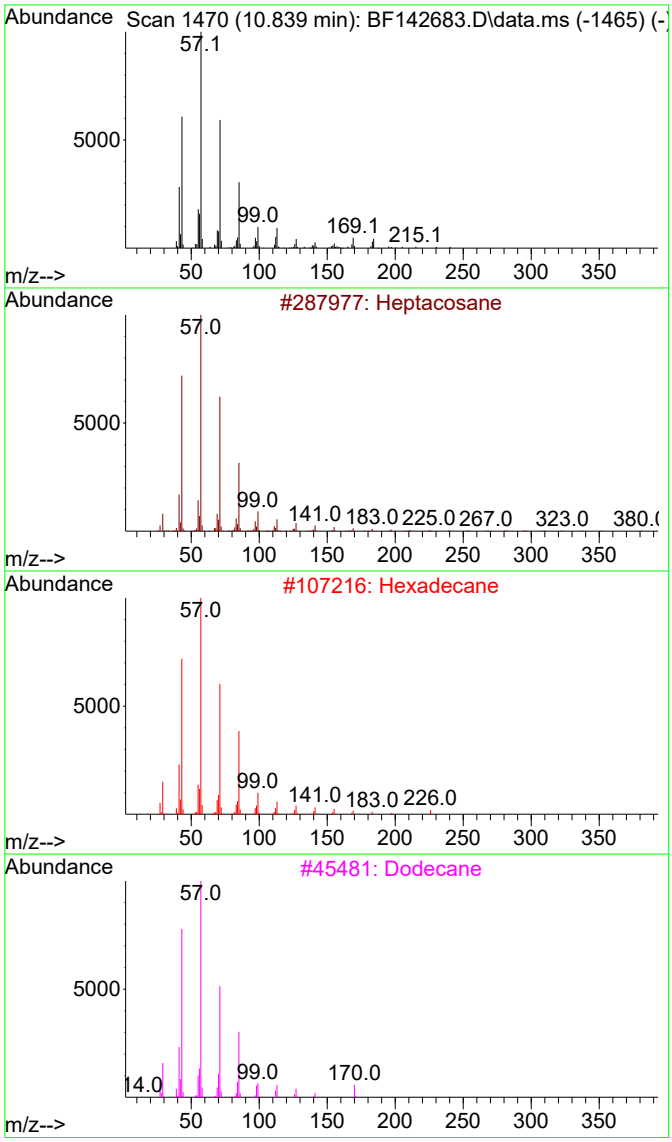
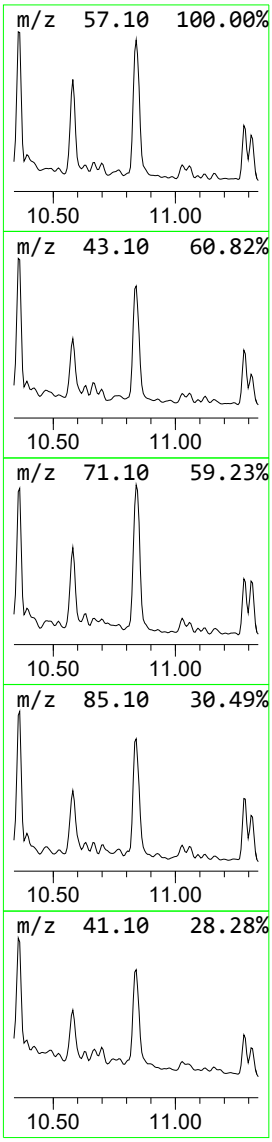
Peak Number 20 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	6.00 ng	241895	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142683.D
Acq On : 07 Jun 2025 10:57
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
Decane	6.728	3.3	ng	124734	1	6.892	762445	20.0
unknown7.169	7.169	3.5	ng	132908	1	6.892	762445	20.0
Benzene, 1-ethy...	7.210	3.1	ng	120097	1	6.892	762445	20.0
Benzene, 1-meth...	7.286	5.1	ng	193387	1	6.892	762445	20.0
unknown7.539	7.539	3.6	ng	217615	2	8.181	1211730	20.0
Naphthalene, de...	7.698	4.2	ng	254533	2	8.181	1211730	20.0
unknown7.798	7.798	3.6	ng	219541	2	8.181	1211730	20.0
Undecane, 2,6-d...	8.233	3.9	ng	234569	2	8.181	1211730	20.0
Decane, 2,6,7-t...	8.598	3.7	ng	222474	2	8.181	1211730	20.0
Naphthalene, 1,...	8.680	3.2	ng	194002	2	8.181	1211730	20.0
Tridecane	8.769	4.7	ng	284418	2	8.181	1211730	20.0
unknown8.839	8.839	5.5	ng	333141	2	8.181	1211730	20.0
unknown9.128	9.128	3.5	ng	110248	3	9.933	629670	20.0
Octane, 5-ethyl...	9.198	8.9	ng	279649	3	9.933	629670	20.0
Tetradecane	9.333	11.5	ng	362341	3	9.933	629670	20.0
Tetradecane, 1-...	9.651	6.5	ng	206300	3	9.933	629670	20.0
Octacosane	9.863	6.8	ng	214493	3	9.933	629670	20.0
Hexadecane	10.357	5.2	ng	162334	3	9.933	629670	20.0
Pentadecane, 2,...	10.580	4.1	ng	128046	3	9.933	629670	20.0
Heptacosane	10.839	6.0	ng	241895	4	11.422	806866	20.0