LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-910

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: BF142511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	486	496	506	rVB	143343	225805	10.98%	0.947%
2	5.510	554	564	569	rBV	1468965	1968832	95.75%	8.254%
3	6.422	716	719	722	rBV	45172	53801	2.62%	0.226%
4	6.516	727	735	743	rVV	1472287	2056226	100.00%	8.620%
5	6.581	743	746	750	rVB	20040	24921	1.21%	0.104%
6	6.722	766	770	779	rVB2	105169	156768	7.62%	0.657%
7	6.898	795	800	806	rVV	538319	684851	33.31%	2.871%
8	6.951	806	809	814	rVB	38904	48143	2.34%	0.202%
9	7.075	827	830	836	rVB	21594	26634	1.30%	0.112%
10	7.169	836	846	849	rBV2	46404	78114	3.80%	0.327%
11	7.210	849	853	861	rVB3	44926	84768	4.12%	0.355%
12	7.287	861	866	871	rBV3	36673	58259	2.83%	0.244%
13	7.363	875	879	880	rBV	18075	21509	1.05%	0.090%
14	7.381	880	882	886	rVB	18511	22420	1.09%	0.094%
15	7.457	886	895	899	rBV	925806	1293342	62.90%	5.422%
16	7.487	899	900	905	rVB	90264	88126	4.29%	0.369%
17	7.540	905	909	913	rBV3	26616	37755	1.84%	0.158%
18	7.581	913	916	923	rBV6	16694	39339	1.91%	0.165%
19	7.669	925	931	932	rBV2	17955	27684	1.35%	0.116%
20	7.704	932	937	945	rVB3	60330	121401	5.90%	0.509%
21	7.798	945	953	955	rBV4	30781	63237	3.08%	0.265%
22	7.828	955	958	959	rVV3	22005	26244	1.28%	0.110%
23	7.851	959	962	966	rVV3	39494	58583	2.85%	0.246%
24	7.916	966	973	980	rVV4	73786	157659	7.67%	0.661%
25	7.969	980	982	985	rVV	17292	23424	1.14%	0.098%
26	8.016	988	990	993	rVB	36964	38385	1.87%	0.161%
27	8.181	1005	1018	1024	rBV	695407	1201116	58.41%	5.035%
28	8.234	1024	1027	1030	rVB2	61595	77758	3.78%	0.326%
29	8.269	1030	1033	1040	rVB5	27835	47070	2.29%	0.197%
30	8.334	1040	1044	1046	rBV2	17340	25712	1.25%	0.108%
31	8.381	1048	1052	1057	rVV3	33022	48934	2.38%	0.205%
32	8.469	1062	1067	1072	rBV5	58180	98509	4.79%	0.413%
33	8.522	1073	1076	1079	rBV2	23918	26604	1.29%	0.112%
34	8.557	1079	1082	1085	rBV3	40773	46777	2.27%	0.196%
35	8.592	1085	1088	1092	rBV	44450	51791	2.52%	0.217%
36	8.681	1100	1103	1107	rBV	72683	92215	4.48%	0.387%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-910

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	8.769	1113	1118	1122	rBV	177950	228079	11.09%	0.956%
38	8.839	1127	1130	1133	rVV	41685	70925	3.45%	0.297%
39	8.892	1137	1139	1142	rVB	32661	32130	1.56%	0.135%
40	8.928	1142	1145	1148	rBV2	15228	21867	1.06%	0.092%
41	8.998	1153	1157	1162	rBV4	51754	71964	3.50%	0.302%
42	9.051	1163	1166	1170	rBV3	18755	32703	1.59%	0.137%
43	9.128	1176	1179	1184	rVB3	42517	63183	3.07%	0.265%
44	9.175	1184	1187	1188	rBV	25261	28679	1.39%	0.120%
45	9.198	1188	1191	1195	rVV2	46573	65863	3.20%	0.276%
46	9.251	1195	1200	1205	rVB	1375173	1706866	83.01%	7.155%
47	9.334	1210	1214	1218	rBV	181032	234367	11.40%	0.982%
48	9.404	1223	1226	1230	rVB	38602	49773	2.42%	0.209%
49	9.516	1242	1245	1250	rVB3	28733	46150	2.24%	0.193%
50	9.586	1251	1257	1260	rBV5	50454	105141	5.11%	0.441%
51	9.651	1264	1268	1271	rVV4	79647	134820	6.56%	0.565%
52	9.710	1275	1278	1283	rVB2	37326	48597	2.36%	0.204%
53	9.798	1289	1293	1297	rBV	39603	57396	2.79%	0.241%
54	9.863	1299	1304	1308	rVB	164728	207210	10.08%	0.869%
55	9.934	1311	1316	1320	rVV	644655	790559	38.45%	3.314%
56	10.039	1331	1334	1338	rVB	18713	23918	1.16%	0.100%
57	10.098	1340	1344	1346	rBV	25226	40482	1.97%	0.170%
58	10.186	1355	1359	1363	rBV3	31817	45824	2.23%	0.192%
59	10.257	1367	1371	1373	rBV3	24351	39685	1.93%	0.166%
60	10.363	1383	1389	1393	rBV	156688	203661	9.90%	0.854%
61	10.481	1405	1409	1420	rBV	49359	82453	4.01%	0.346%
62	10.581	1421	1426	1432	rVV	58027	96002	4.67%	0.402%
63	10.645	1432	1437	1444	rBV	372433	489010	23.78%	2.050%
64	10.722	1444	1450	1455	rBV	873994	1106222	53.80%	4.637%
65	10.839	1465	1470	1478	rVB	162399	273883	13.32%	1.148%
66	10.957	1486	1490	1494	rBV	68136	78827	3.83%	0.330%
67	11.028	1498	1502	1505	rBV2	24614	39837	1.94%	0.167%
68	11.228	1533	1536	1539	rVB	21397	25529	1.24%	0.107%
69	11.286	1541	1546	1549	rVV	107804	160950	7.83%	0.675%
70	11.316	1549	1551	1557	rVB	67681	82063	3.99%	0.344%
71	11.422	1564	1569	1572	rBV	530879	773226	37.60%	3.241%
72	11.498	1578	1582	1585	rVB	40405	50852	2.47%	0.213%
73	11.651	1605	1608	1614	rVB2	29196	49046	2.39%	0.206%
74	11.710	1614	1618	1623	rBV	84113	103681	5.04%	0.435%
75	11.875	1643	1646	1650	rBV5	12870	21556	1.05%	0.090%
76	11.945	1651	1658	1665	rBV2	246598	401278	19.52%	1.682%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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

77	12.039	1670	1674	1681	rVB2	89615	156175	7.60%	0.655%
78	12.122	1684	1688	1692	rVV	67906	84227	4.10%	0.353%
79	12.510	1750	1754	1760	rVB2	62431	89770	4.37%	0.376%
80	12.639	1771	1776	1780	rBV	552212	683136	33.22%	2.864%
81	12.680	1780	1783	1788	rVB3	38685	50157	2.44%	0.210%
82	12.733	1788	1792	1798	rBV2	44035	76675	3.73%	0.321%
83	12.869	1808	1815	1820	rBV	417555	654931	31.85%	2.746%
84	13.010	1833	1839	1846	rVB	1176100	1574742	76.58%	6.601%
85	13.192	1868	1870	1874	rVB	58744	61537	2.99%	0.258%
86	13.257	1879	1881	1884	rVB	28506	31607	1.54%	0.132%
87	13.810	1972	1975	1978	rBV2	27352	36652	1.78%	0.154%
88	13.904	1987	1991	2001	rVB2	101991	164529	8.00%	0.690%
89	14.063	2011	2018	2029	rVB2	598344	1192871	58.01%	5.001%
90	15.116	2192	2197	2206	rBV	193648	441650	21.48%	1.851%
91	15.427	2245	2250	2255	rVB	97248	157698	7.67%	0.661%
92	15.486	2256	2260	2266	rVV	121762	187279	9.11%	0.785%
93	15.557	2266	2272	2284	rVB2	307485	567383	27.59%	2.379%
94	17.051	2520	2526	2536	rVB2	63782	150998	7.34%	0.633%
95	17.504	2597	2603	2611	rVB	47618	105466	5.13%	0.442%

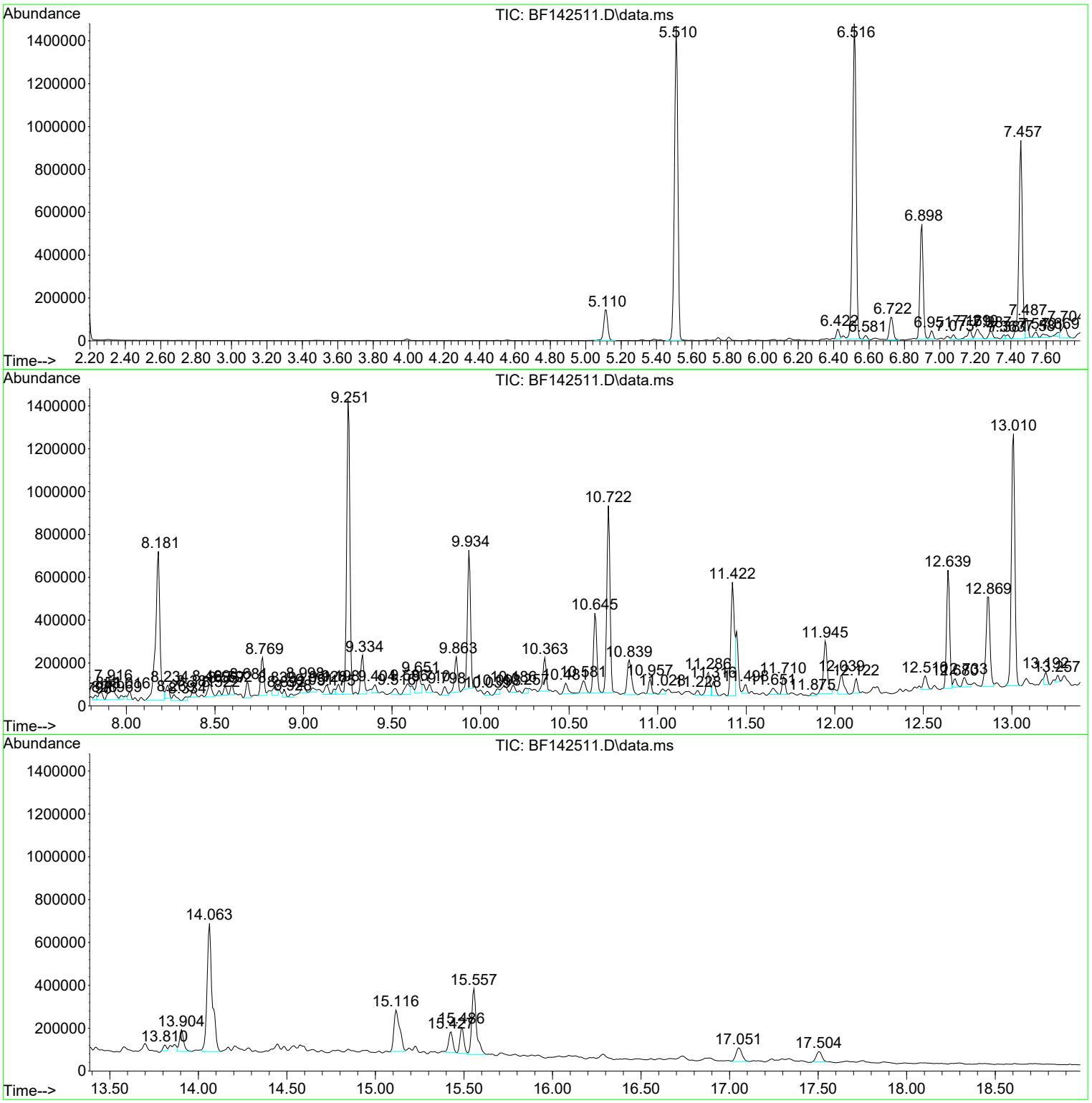
Sum of corrected areas: 23854456

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
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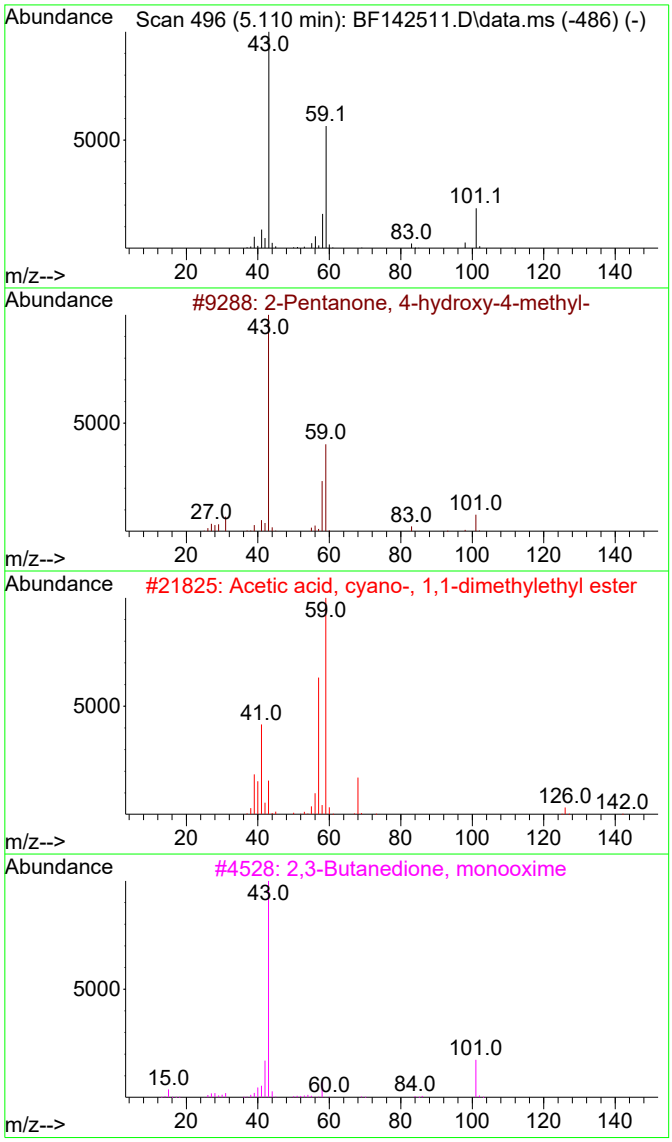
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

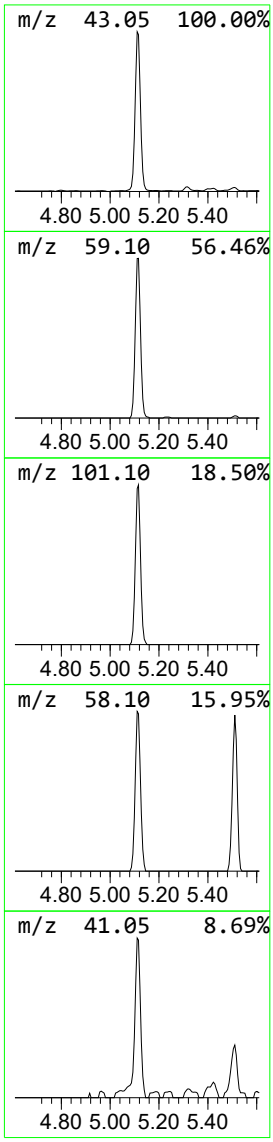
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.59 ng	225805	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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

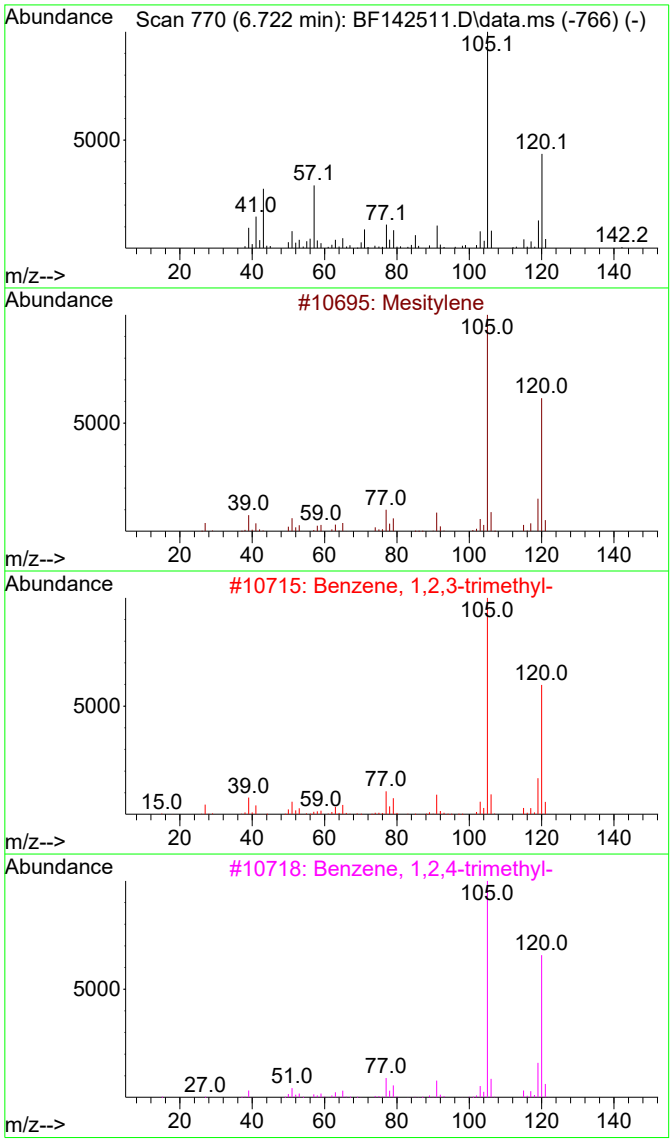
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

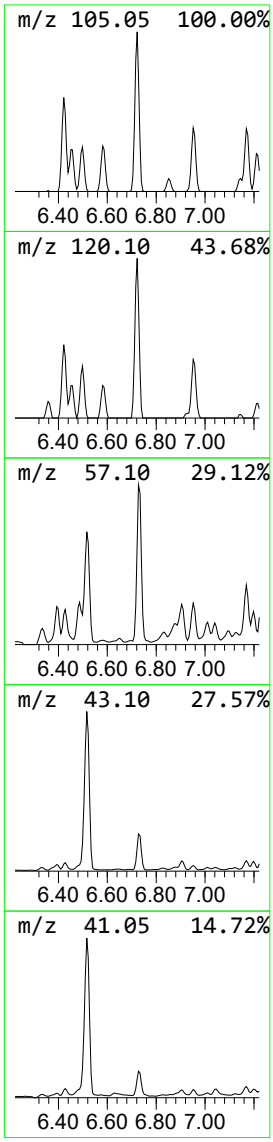
****

Peak Number 2 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	4.58 ng	156768	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

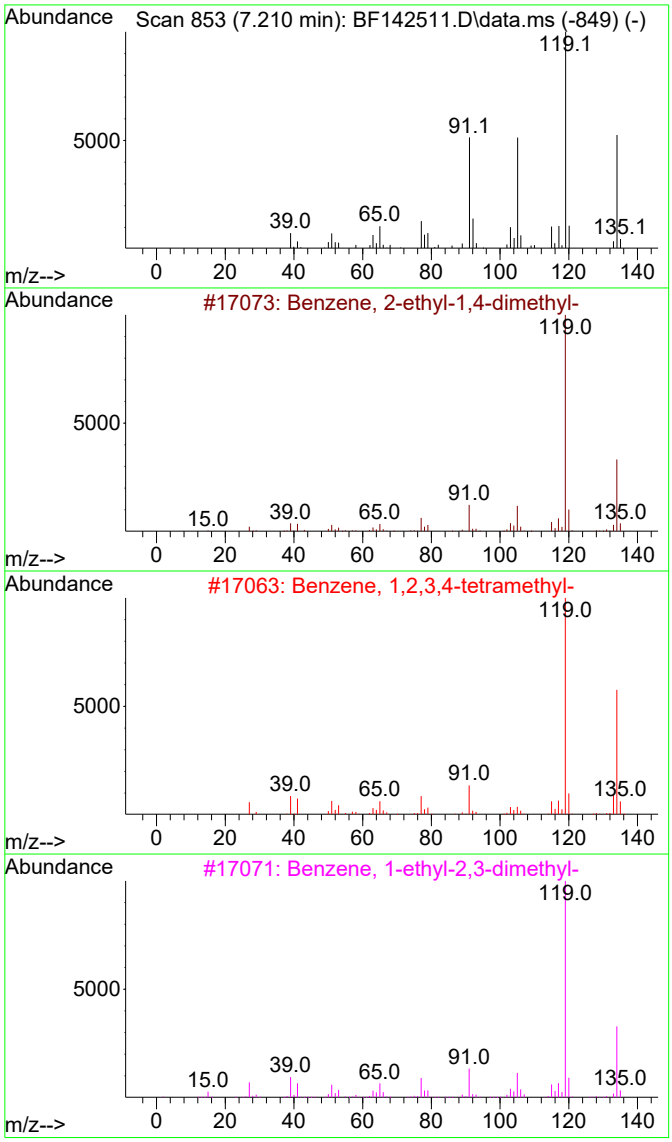
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

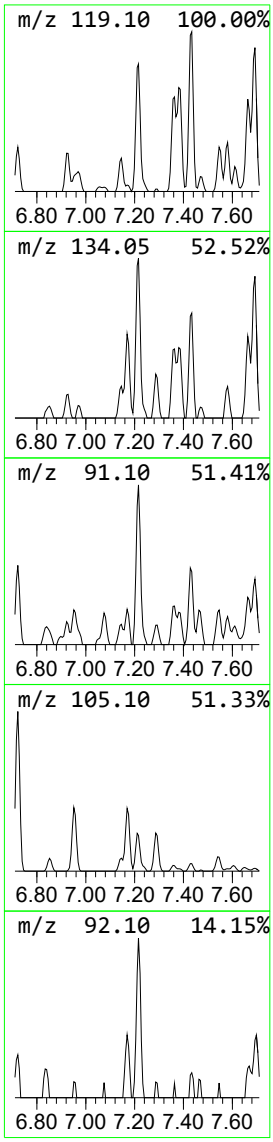
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.48 ng	84768	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

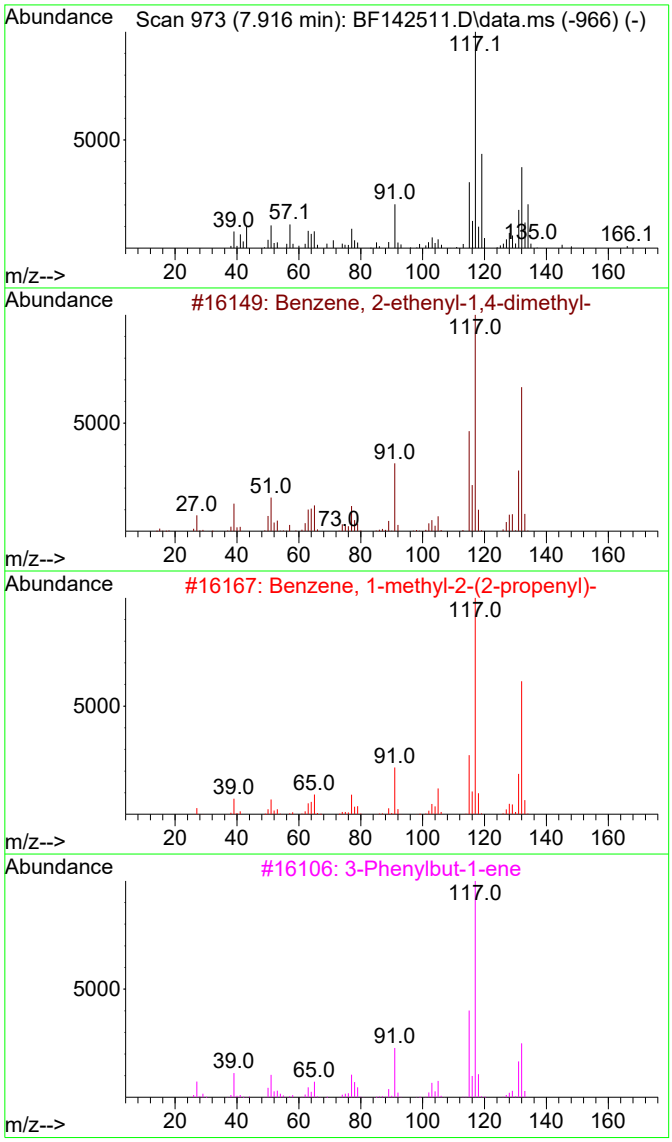
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

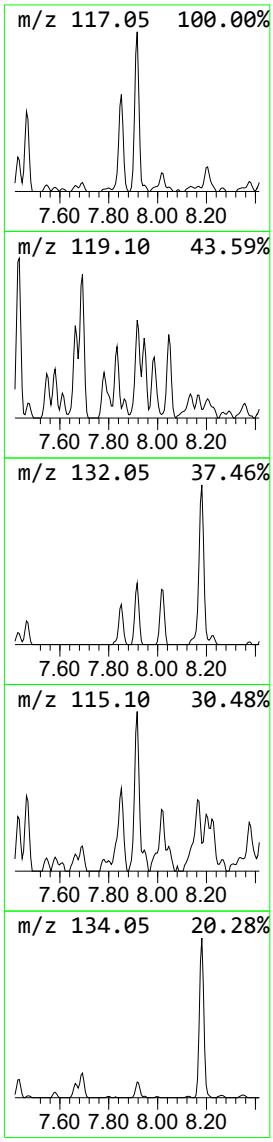
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	2.63 ng	157659	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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

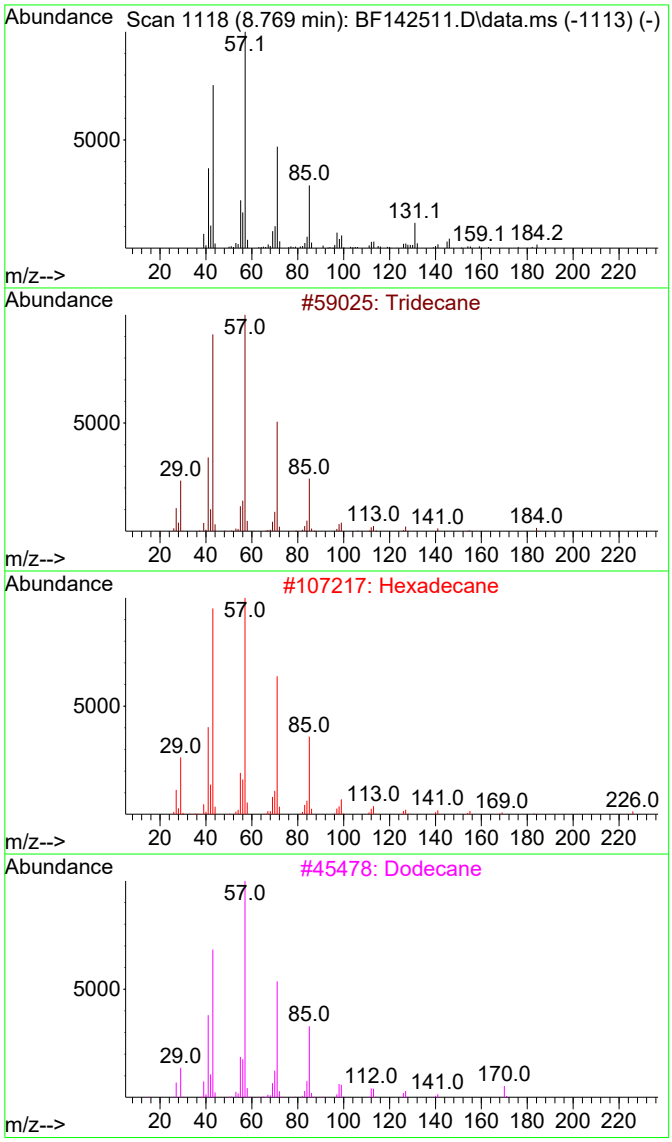
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

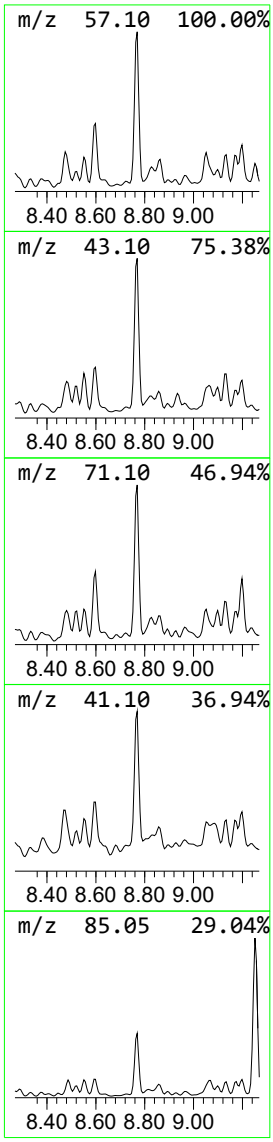
****

Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	3.80 ng	228079	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	74
3	Dodecane	170	C12H26	000112-40-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 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

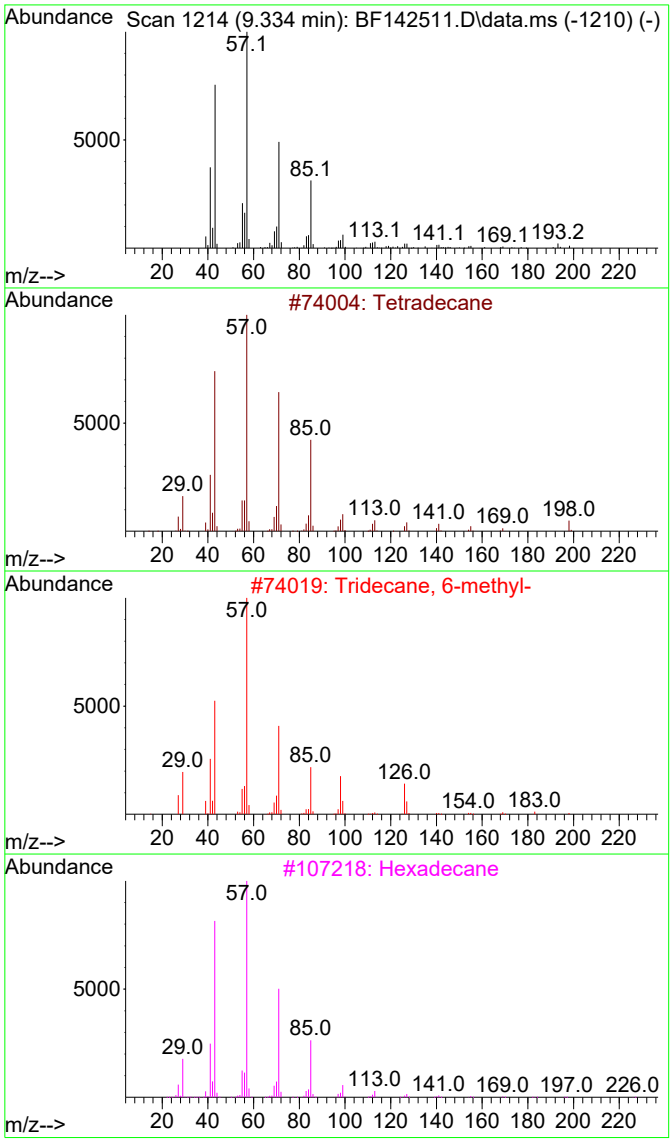
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

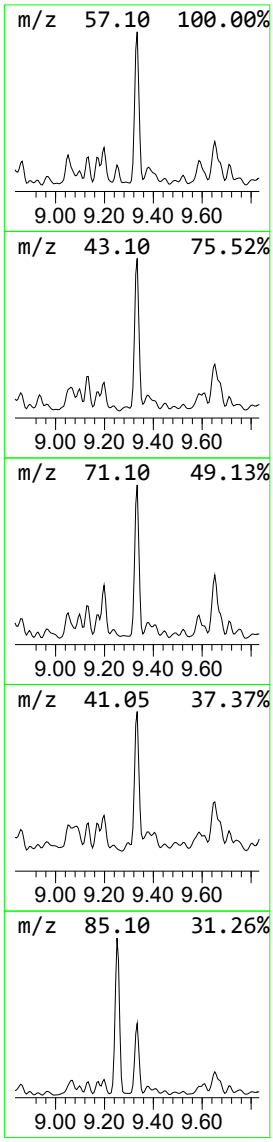
****

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	5.93 ng	234367	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Pentadecane	212	C15H32	000629-62-9	86





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Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-910

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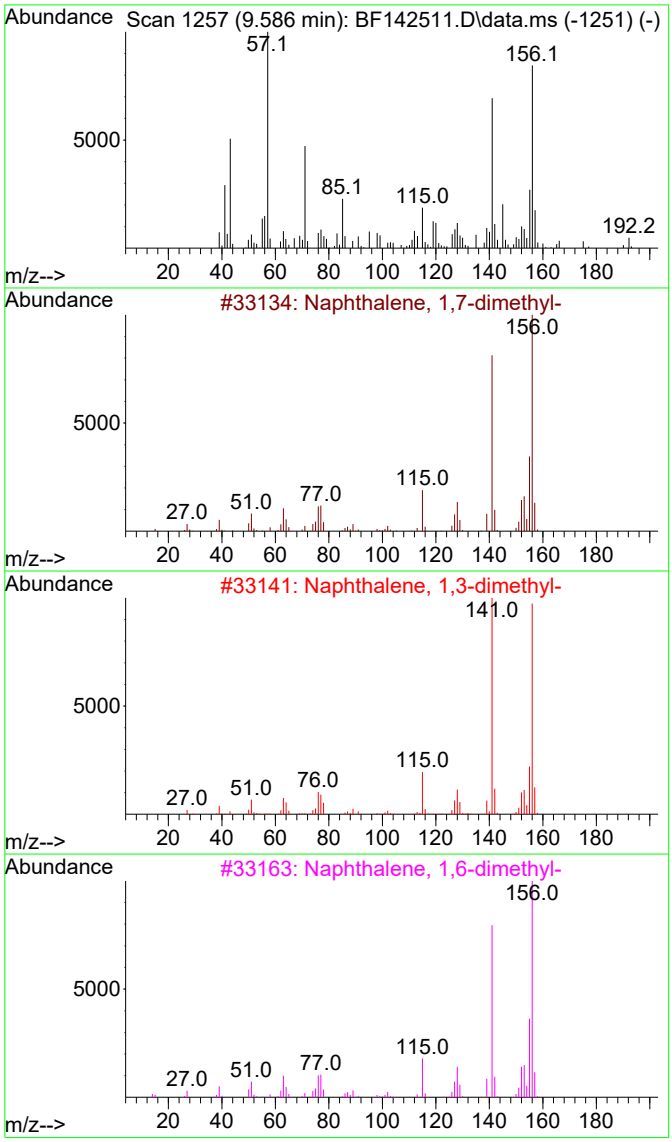
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

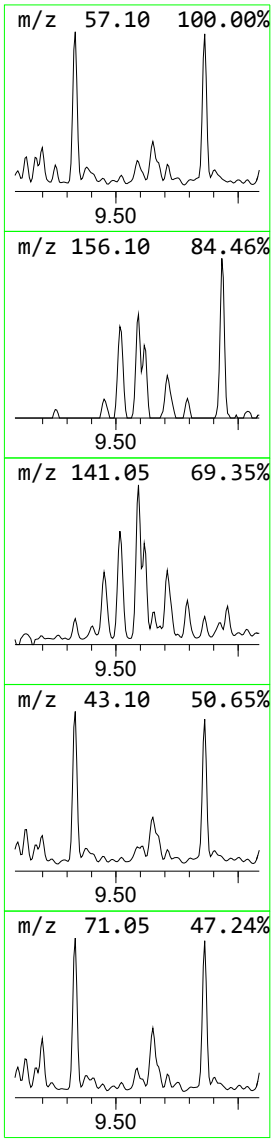
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	2.66 ng	105141	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
SS-910

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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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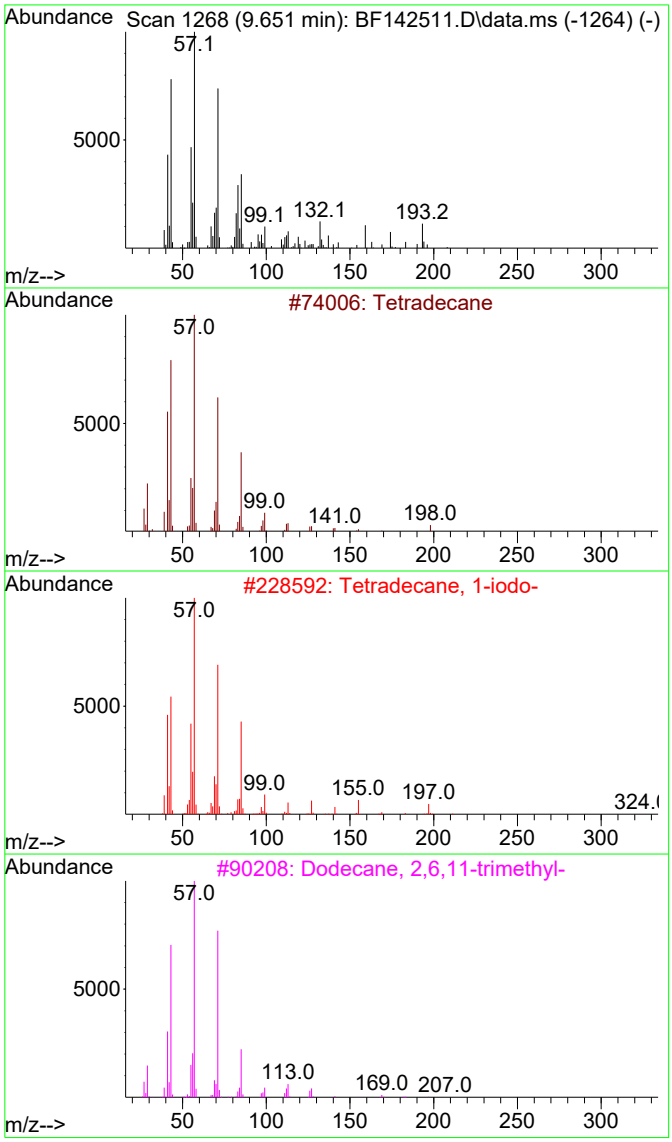
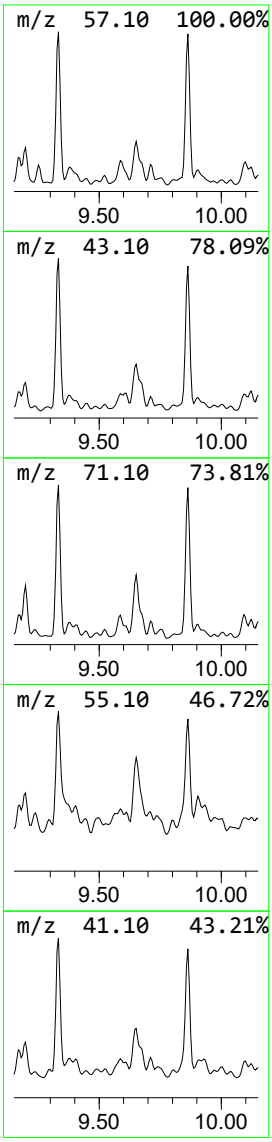
Peak Number 8 Tetradecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	3.41 ng	134820	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62





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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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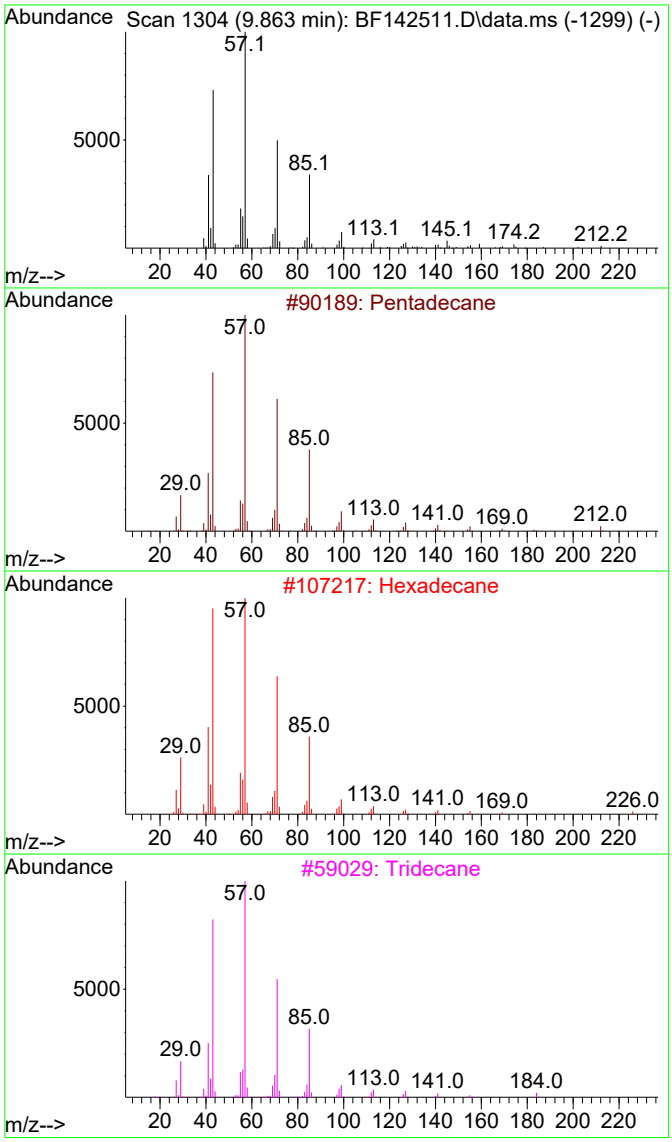
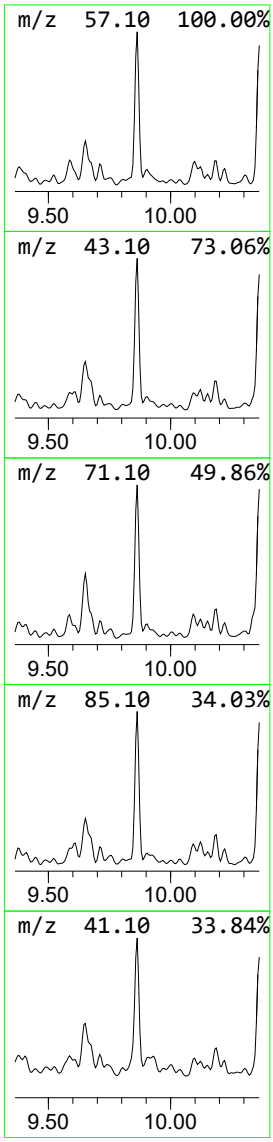
Peak Number 9 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	5.24 ng	207210	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane	156	C11H24	001120-21-4	80





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Misc :
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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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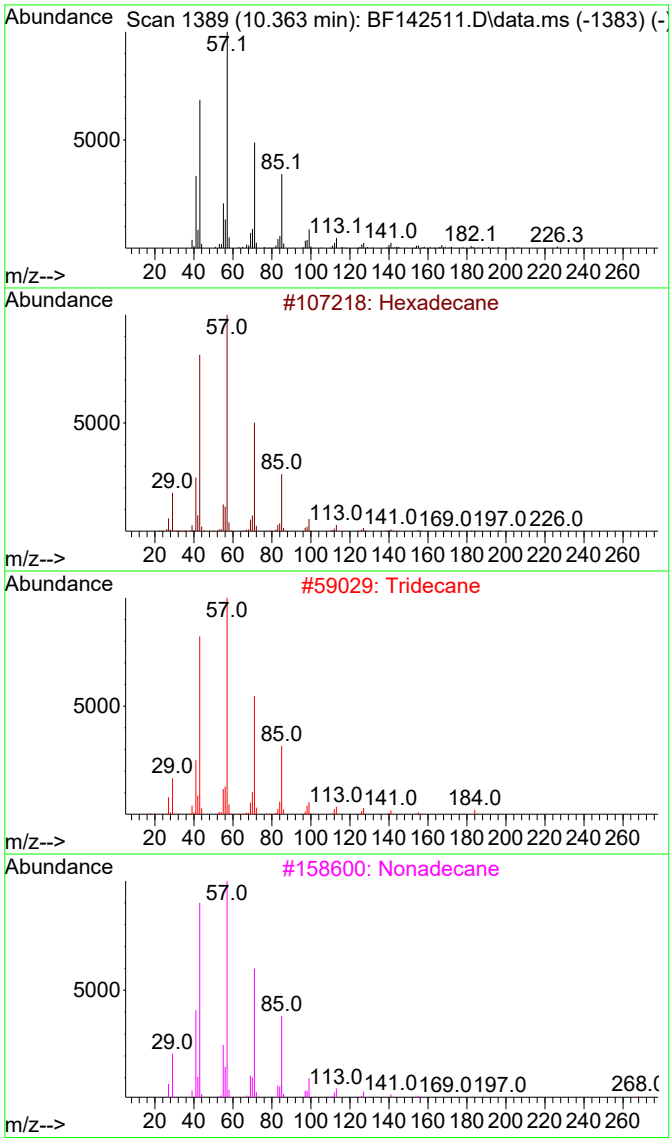
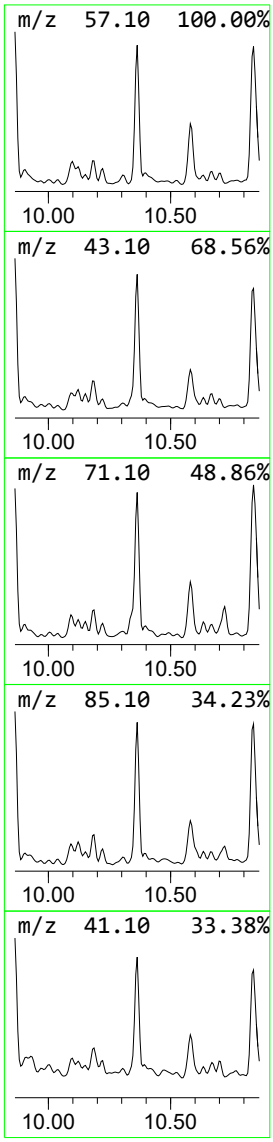
Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	5.15 ng	203661	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Eicosane	282	C20H42	000112-95-8	86





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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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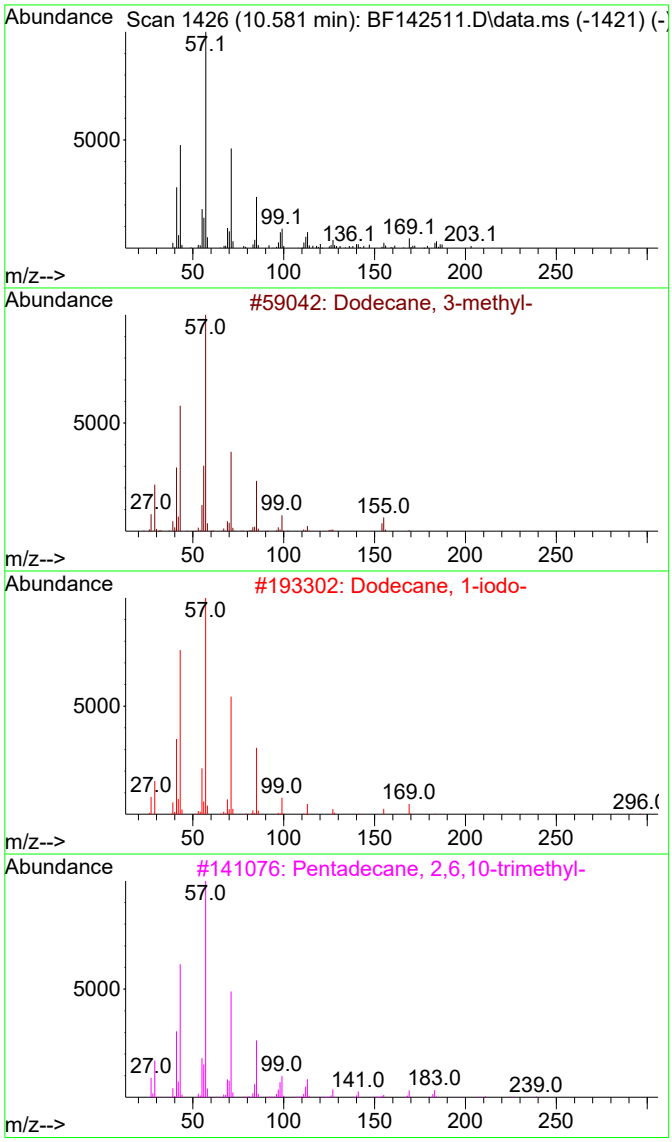
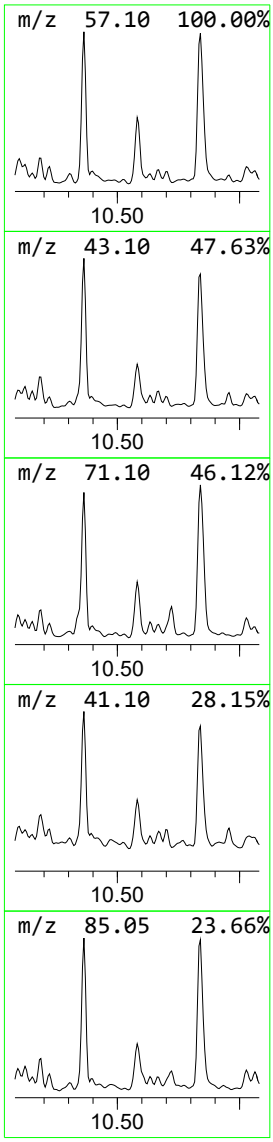
Peak Number 11 Dodecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	2.43 ng	96002	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	68
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





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Instrument :
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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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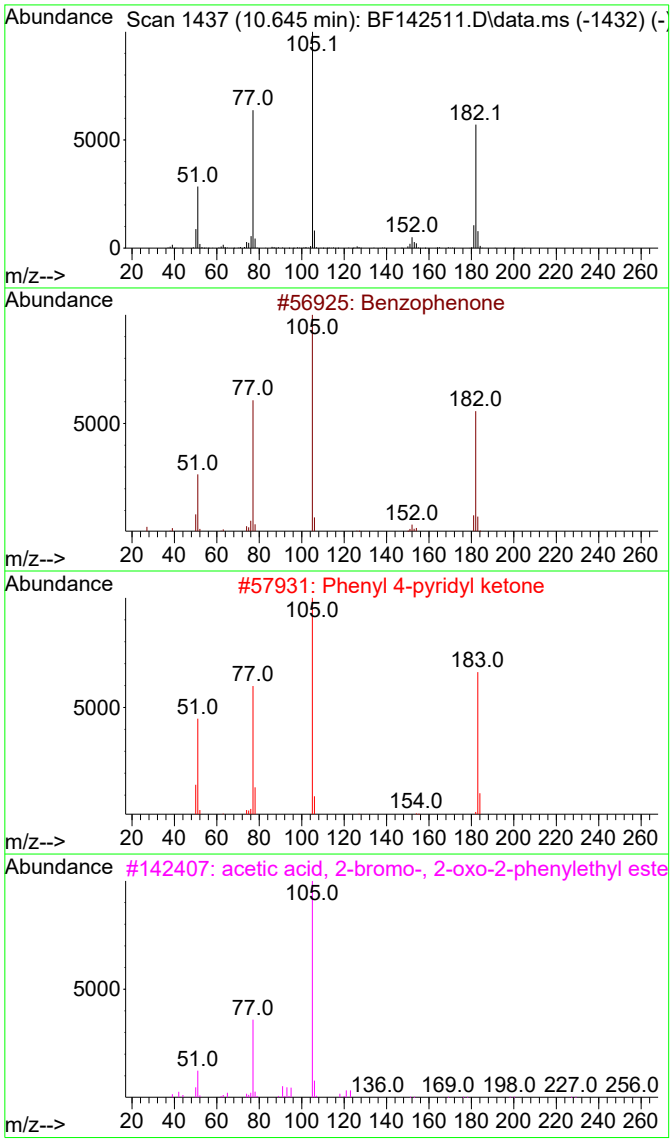
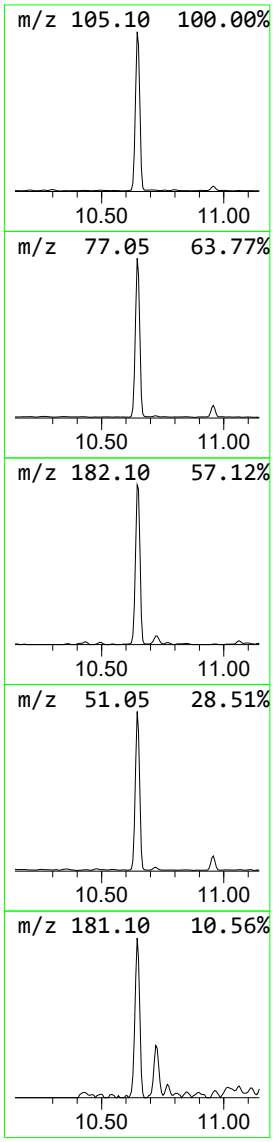
Peak Number 12 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	12.37 ng	489010	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Instrument :
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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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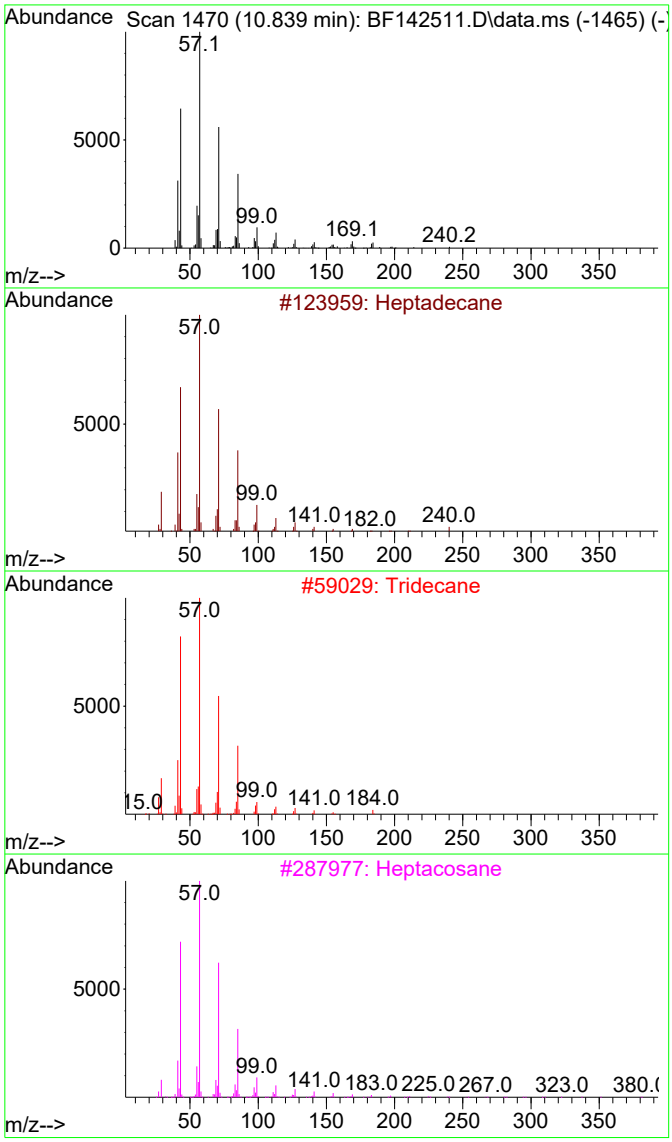
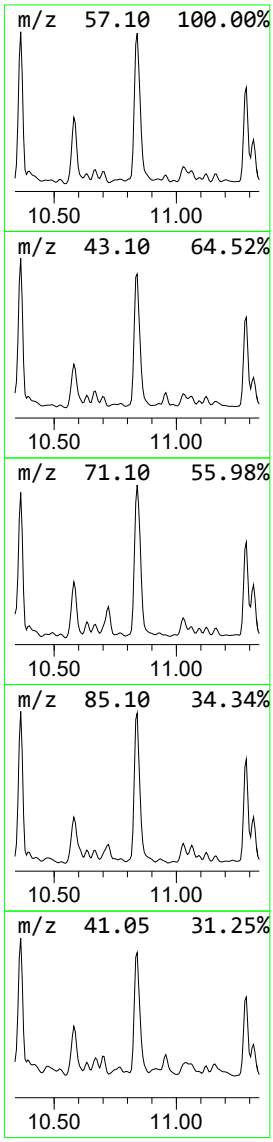
Peak Number 13 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	7.08 ng	273883	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument :
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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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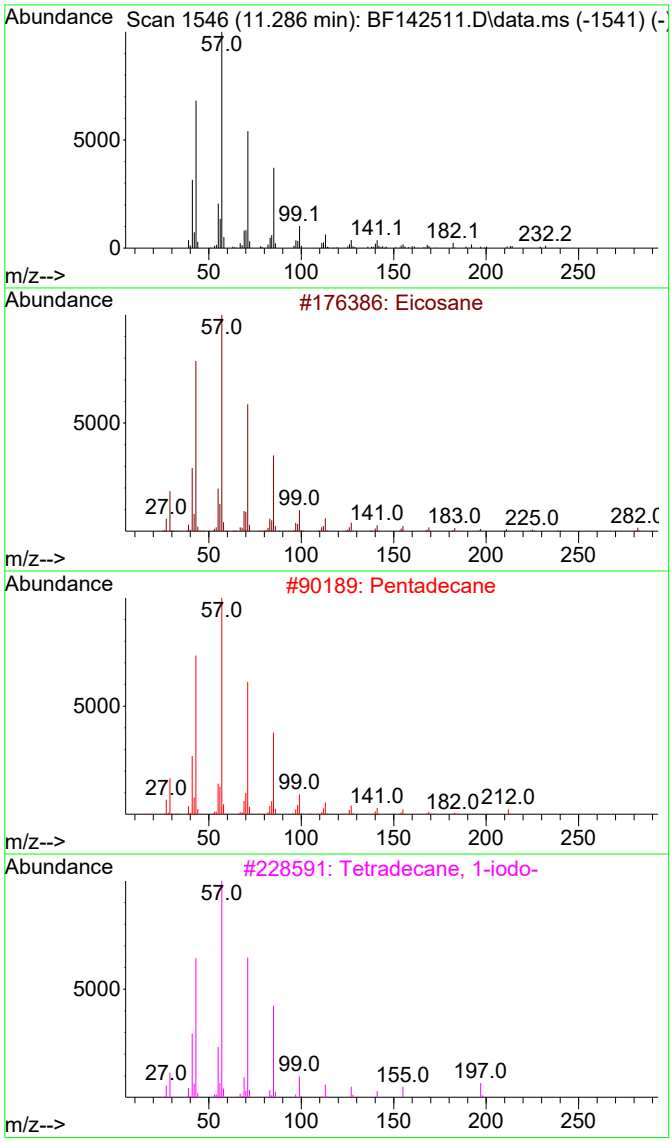
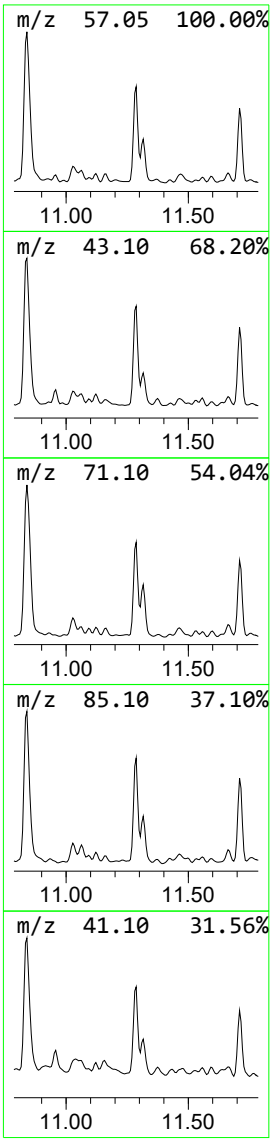
Peak Number 14 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	4.16 ng	160950	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octacosane	394	C28H58	000630-02-4	86





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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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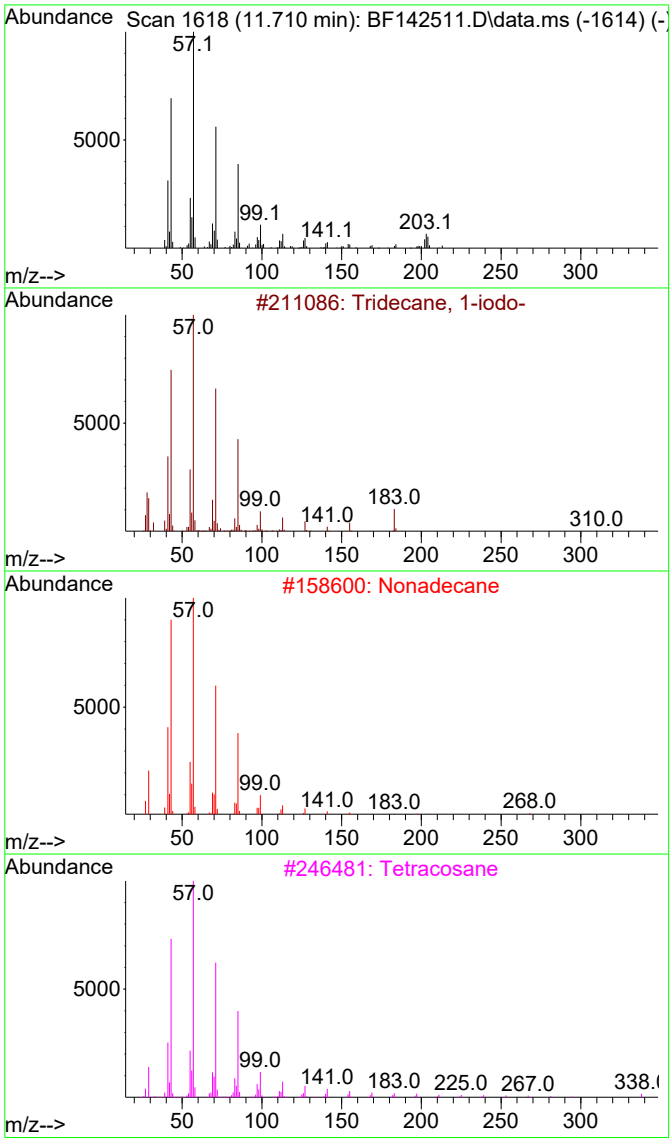
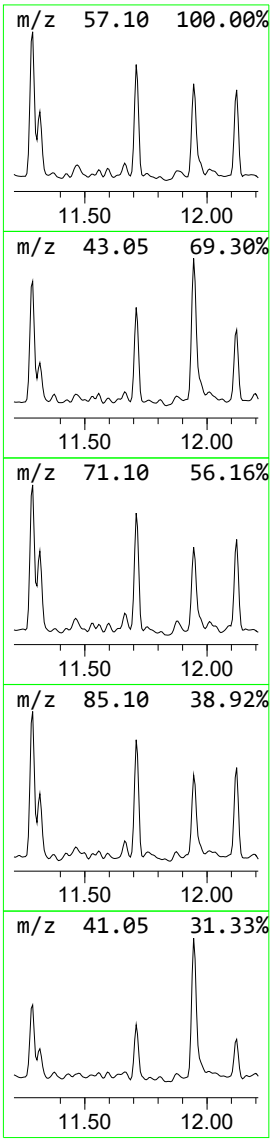
Peak Number 15 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	2.68 ng	103681	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2	Nonadecane	268	C19H40	000629-92-5	81
3	Tetracosane	338	C24H50	000646-31-1	74
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	74





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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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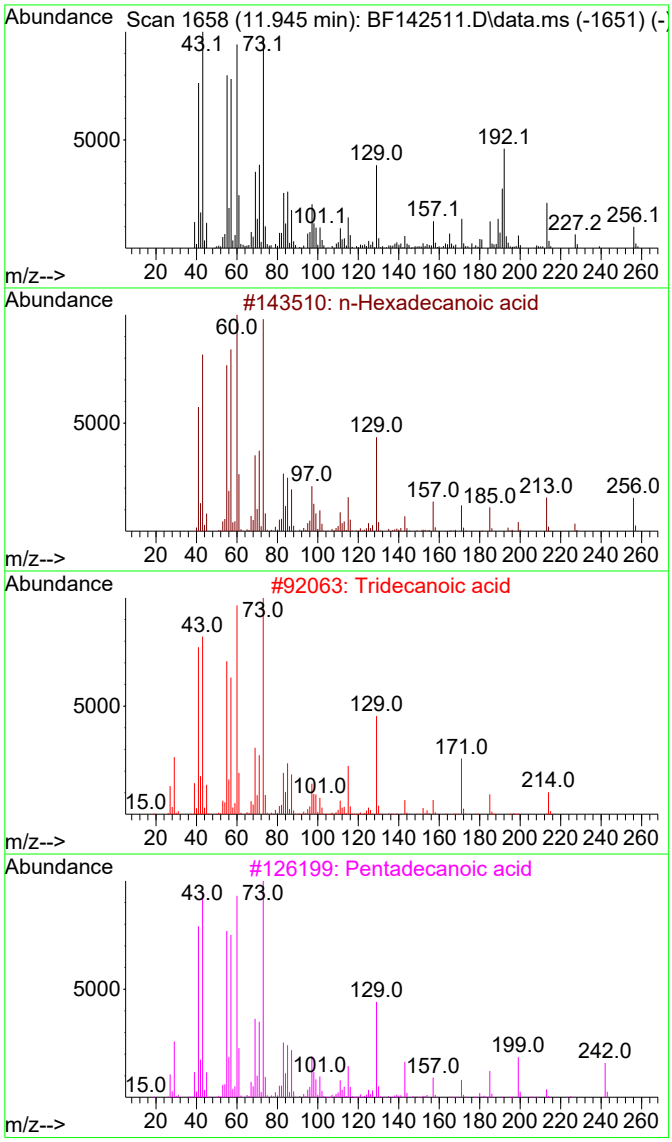
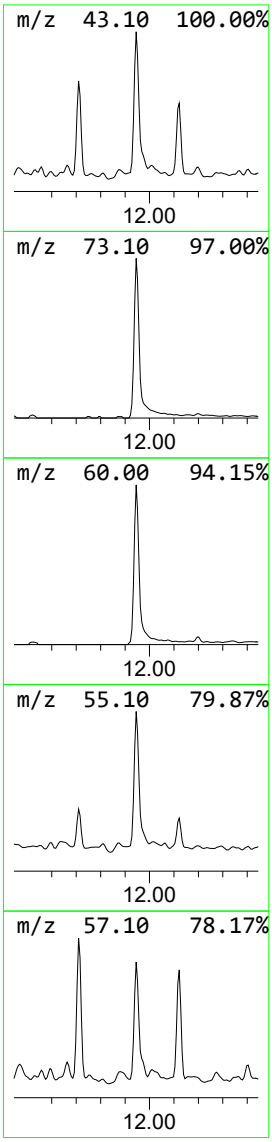
Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	10.38 ng	401278	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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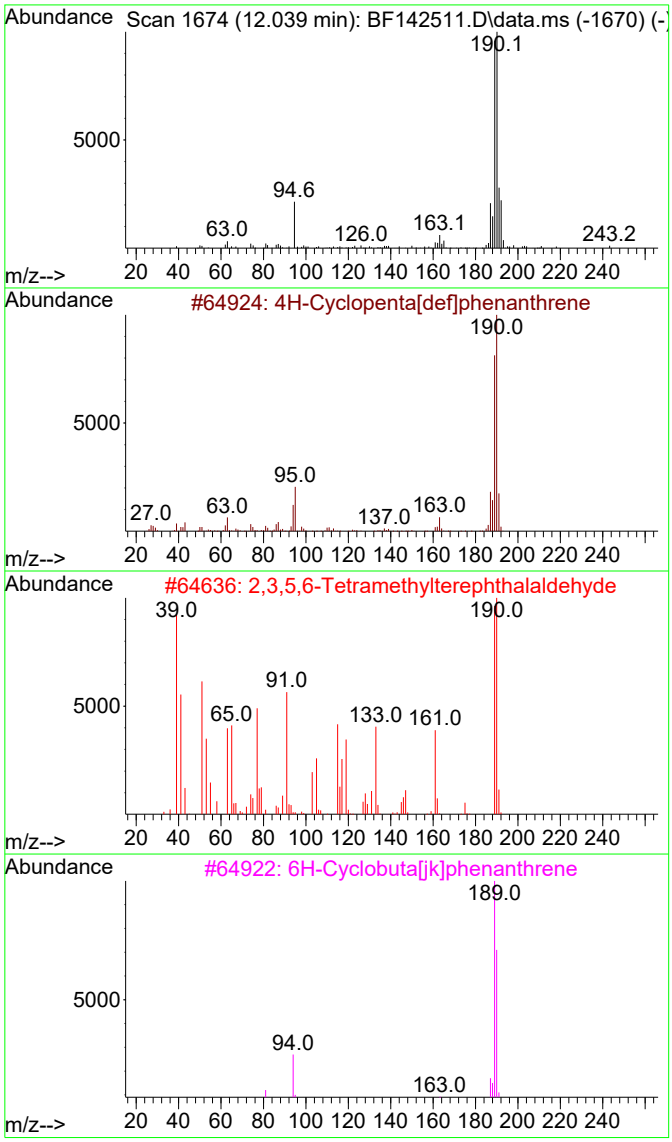
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

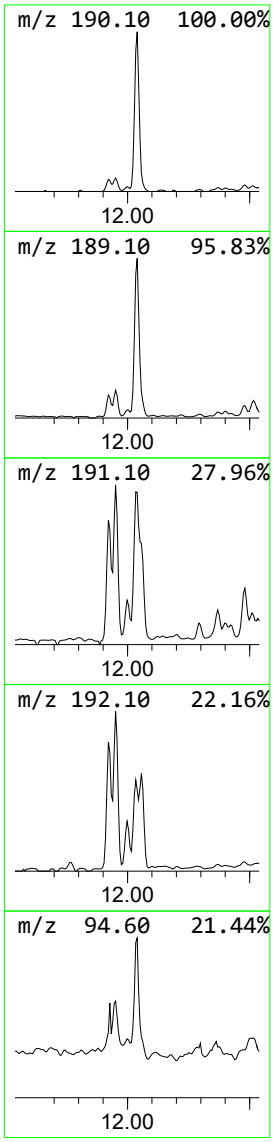
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.04 ng	156175	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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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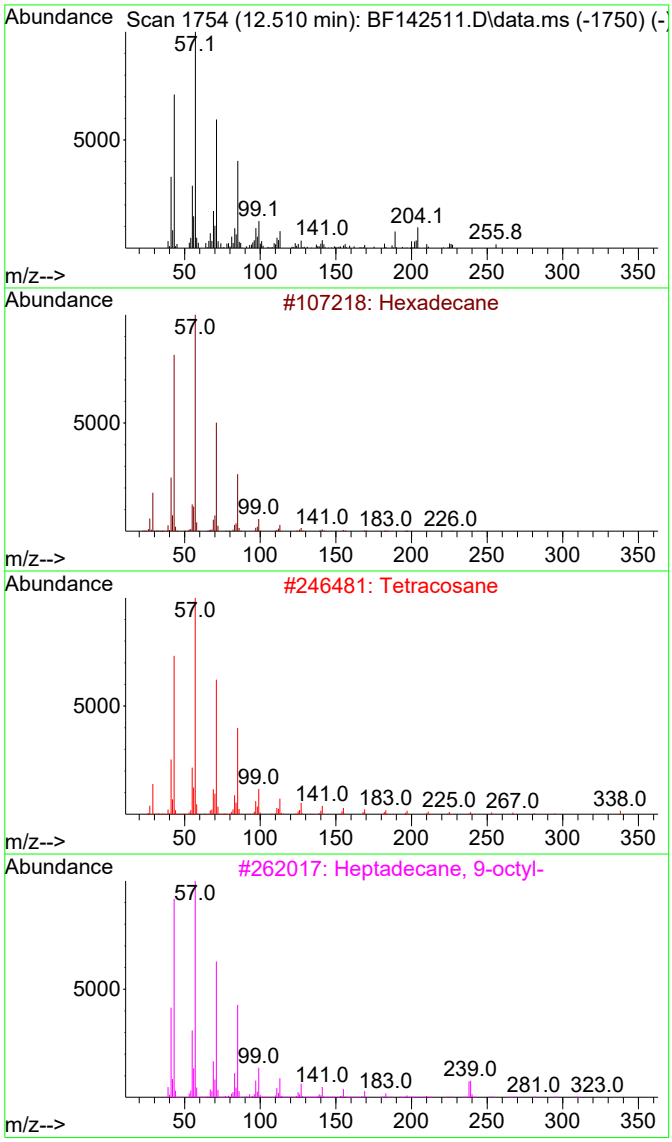
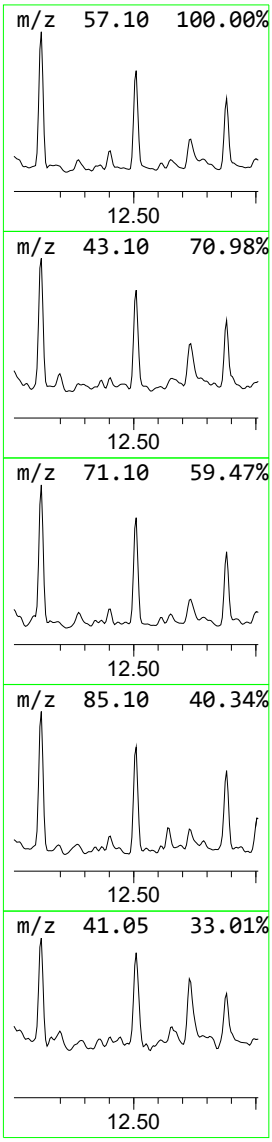
Peak Number 18 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.32 ng	89770	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetracosane	338	C24H50	000646-31-1	74
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
4	10-Methylnonadecane	282	C20H42	056862-62-5	74
5	Octacosane	394	C28H58	000630-02-4	72





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Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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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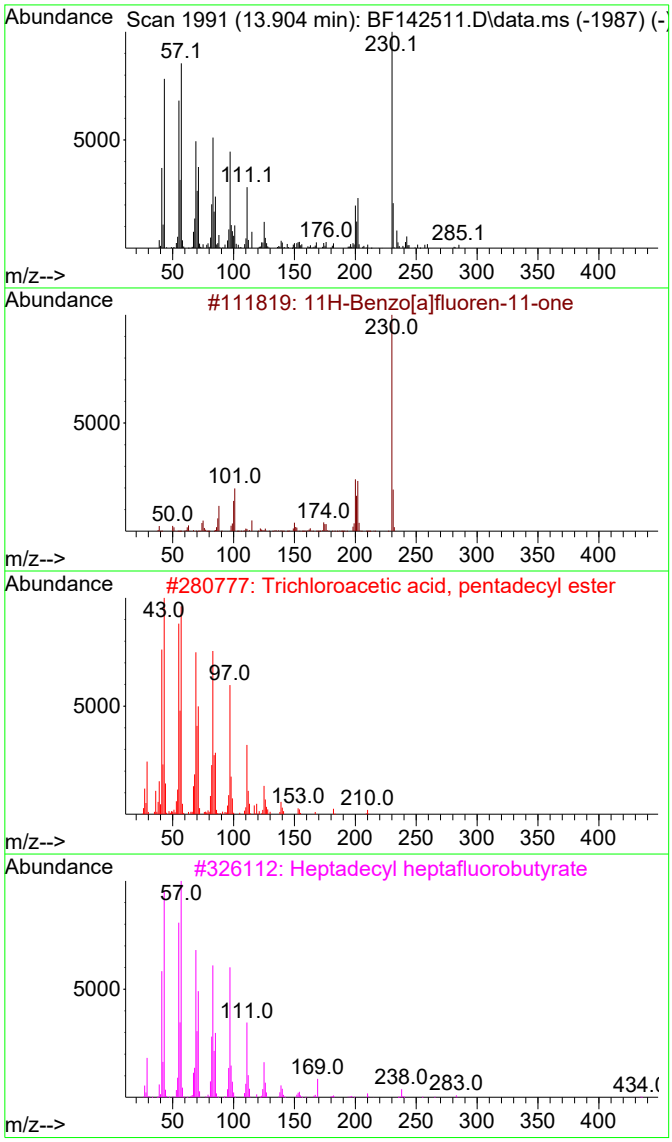
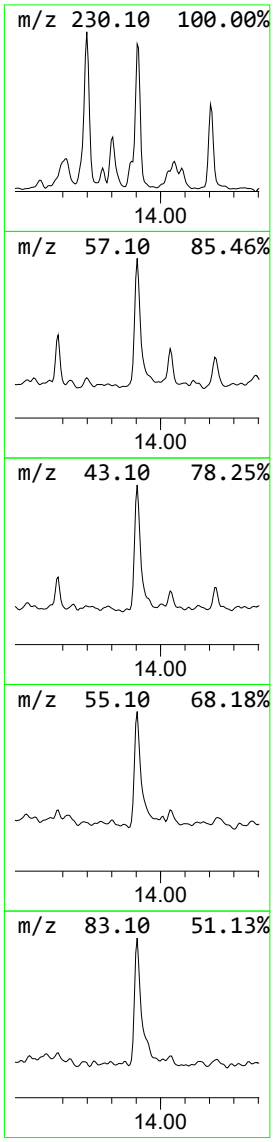
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.76 ng	164529	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	56
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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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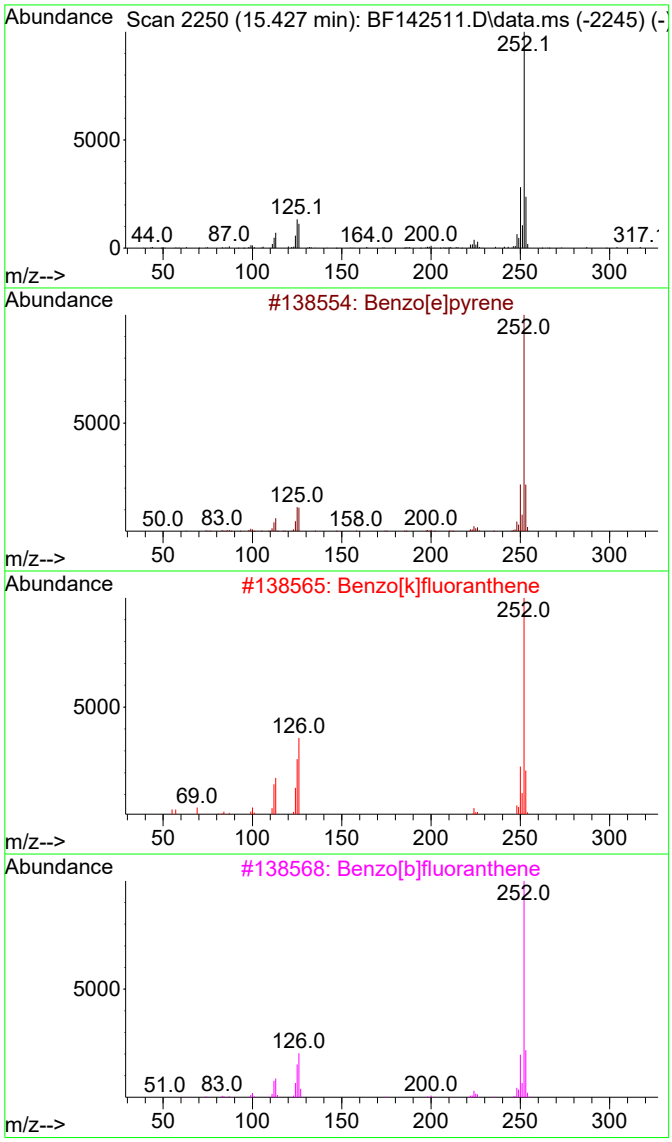
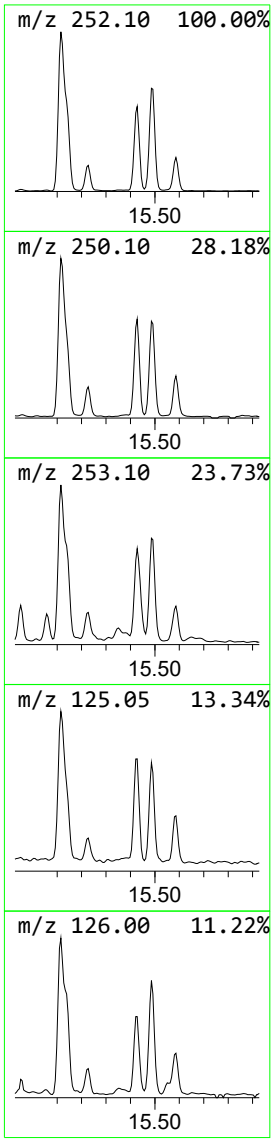
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	5.56 ng	157698	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

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
2-Pentanone, 4-...	5.110	6.6	ng	225805	1	6.898	684851	20.0
Mesitylene	6.722	4.6	ng	156768	1	6.898	684851	20.0
Benzene, 2-ethy...	7.210	2.5	ng	84768	1	6.898	684851	20.0
Benzene, 2-ethe...	7.916	2.6	ng	157659	2	8.181	1201120	20.0
Tridecane	8.769	3.8	ng	228079	2	8.181	1201120	20.0
Tetradecane	9.334	5.9	ng	234367	3	9.934	790559	20.0
Naphthalene, 1,...	9.586	2.7	ng	105141	3	9.934	790559	20.0
Tetradecane, 1-...	9.651	3.4	ng	134820	3	9.934	790559	20.0
Pentadecane	9.863	5.2	ng	207210	3	9.934	790559	20.0
Hexadecane	10.363	5.2	ng	203661	3	9.934	790559	20.0
Dodecane, 3-met...	10.581	2.4	ng	96002	3	9.934	790559	20.0
Benzophenone	10.645	12.4	ng	489010	3	9.934	790559	20.0
Heptadecane	10.839	7.1	ng	273883	4	11.422	773226	20.0
Eicosane	11.286	4.2	ng	160950	4	11.422	773226	20.0
Tridecane, 1-iodo-	11.710	2.7	ng	103681	4	11.422	773226	20.0
n-Hexadecanoic ...	11.945	10.4	ng	401278	4	11.422	773226	20.0
4H-Cyclopenta[d...	12.039	4.0	ng	156175	4	11.422	773226	20.0
Tetracosane	12.510	2.3	ng	89770	4	11.422	773226	20.0
11H-Benzo[a]flu...	13.904	2.8	ng	164529	5	14.063	1192870	20.0
Benzo[e]pyrene	15.427	5.6	ng	157698	6	15.557	567383	20.0