LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-1-011725

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.999	489	494	502	rVB	41991	63277	2.45%	0.187%
2	5.416	559	565	576	rVB	464307	607544	23.54%	1.793%
3	6.057	670	674	681	rBV4	22774	39080	1.51%	0.115%
4	6.346	719	723	729	rVV2	35156	61814	2.39%	0.182%
5	6.434	729	738	745	rVV	462629	647393	25.08%	1.910%
6	6.493	745	748	753	rVB2	17733	28155	1.09%	0.083%
7	6.557	753	759	763	rBV5	23951	52290	2.03%	0.154%
8	6.645	769	774	781	rBV2	149248	203859	7.90%	0.602%
9	6.775	787	796	797	rBV5	19536	39091	1.51%	0.115%
10	6.810	797	802	809	rVV	858185	1157527	44.85%	3.416%
11	6.869	809	812	816	rVB	57112	68839	2.67%	0.203%
12	6.957	824	827	831	rBV2	59352	72284	2.80%	0.213%
13	7.087	838	849	852	rBV2	116167	209790	8.13%	0.619%
14	7.128	852	856	859	rBV2	77360	119683	4.64%	0.353%
15	7.204	864	869	873	rBV2	111438	162646	6.30%	0.480%
16	7.298	879	885	888	rBV2	28980	56679	2.20%	0.167%
17	7.369	888	897	900	rVV2	318057	600126	23.25%	1.771%
18	7.410	900	904	908	rVB	294522	372757	14.44%	1.100%
19	7.457	908	912	916	rBV4	96456	139578	5.41%	0.412%
20	7.498	916	919	921	rBV3	42071	60087	2.33%	0.177%
21	7.522	921	923	927	rVB3	49464	56731	2.20%	0.167%
22	7.610	927	938	947	rVB3	108273	311023	12.05%	0.918%
23	7.716	949	956	957	rBV4	72739	132178	5.12%	0.390%
24	7.775	964	966	969	rVB2	49685	54258	2.10%	0.160%
25	7.834	969	976	983	rBV5	132057	354186	13.72%	1.045%
26	7.910	983	989	991	rVV4	65677	139460	5.40%	0.412%
27	7.963	995	998	1002	rBV2	37917	46215	1.79%	0.136%
28	8.092	1013	1020	1027	rBV2	1094031	1800216	69.75%	5.313%
29	8.151	1027	1030	1033	rVB2	123109	152378	5.90%	0.450%
30	8.181	1033	1035	1043	rVB7	71521	119436	4.63%	0.352%
31	8.269	1043	1050	1051	rBV4	50604	107988	4.18%	0.319%
32	8.292	1051	1054	1058	rVB2	92769	121887	4.72%	0.360%
33	8.387	1065	1070	1076	rVB7	101205	162155	6.28%	0.479%
34	8.440	1076	1079	1082	rBV4	42660	47190	1.83%	0.139%
35	8.475	1082	1085	1088	rVB3	82075	95587	3.70%	0.282%
36	8.516	1088	1092	1097	rBV	158986	269352	10.44%	0.795%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-1-011725

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.592	1102	1105	1109	rBV2	132164	164386	6.37%	0.485%
38	8.634	1109	1112	1116	rBV4	49025	74461	2.88%	0.220%
39	8.681	1116	1120	1125	rBV	291611	365642	14.17%	1.079%
40	8.751	1129	1132	1134	rVV2	44987	48067	1.86%	0.142%
41	8.910	1155	1159	1163	rBV3	109913	145306	5.63%	0.429%
42	9.110	1186	1193	1198	rBV2	161696	278125	10.78%	0.821%
43	9.163	1198	1202	1207	rVB	618432	741107	28.71%	2.187%
44	9.245	1212	1216	1221	rBV	352420	498330	19.31%	1.471%
45	9.498	1257	1259	1262	rBV	37380	51031	1.98%	0.151%
46	9.569	1266	1271	1274	rBV4	150340	241092	9.34%	0.711%
47	9.622	1278	1280	1284	rVB3	67909	79447	3.08%	0.234%
48	9.704	1291	1294	1299	rVB	62737	88564	3.43%	0.261%
49	9.781	1302	1307	1311	rVB	274153	360224	13.96%	1.063%
50	9.845	1311	1318	1321	rBV	1051335	1415715	54.85%	4.178%
51	9.875	1321	1323	1327	rVB	105586	116219	4.50%	0.343%
52	10.045	1348	1352	1357	rVB	101111	133012	5.15%	0.393%
53	10.275	1387	1391	1398	rVB	218646	277466	10.75%	0.819%
54	10.386	1406	1410	1417	rBV	146067	210327	8.15%	0.621%
55	10.498	1425	1429	1434	rVB	80582	119327	4.62%	0.352%
56	10.551	1434	1438	1441	rVB2	63713	76929	2.98%	0.227%
57	10.628	1446	1451	1456	rBV	305342	392080	15.19%	1.157%
58	10.751	1468	1472	1480	rVB	204829	323434	12.53%	0.954%
59	10.939	1500	1504	1506	rBV2	35200	49290	1.91%	0.145%
60	11.133	1534	1537	1541	rVB2	27090	33423	1.29%	0.099%
61	11.198	1544	1548	1551	rVV	116080	179332	6.95%	0.529%
62	11.228	1551	1553	1559	rVB	101207	120869	4.68%	0.357%
63	11.328	1565	1570	1572	rBV	849394	1110299	43.02%	3.277%
64	11.351	1572	1574	1579	rVV	732084	829668	32.14%	2.448%
65	11.404	1579	1583	1586	rVB	193965	238159	9.23%	0.703%
66	11.557	1605	1609	1616	rBV	64881	120123	4.65%	0.354%
67	11.628	1617	1621	1623	rBV	85781	108719	4.21%	0.321%
68	11.728	1633	1638	1644	rVB	669713	841084	32.59%	2.482%
69	11.833	1651	1656	1657	rBV	87051	115926	4.49%	0.342%
70	11.857	1657	1660	1664	rVV	389269	506600	19.63%	1.495%
71	11.898	1665	1667	1671	rVV2	64033	99332	3.85%	0.293%
72	11.939	1671	1674	1682	rVB	189277	329087	12.75%	0.971%
73	12.033	1687	1690	1698	rVV2	67660	104865	4.06%	0.309%
74	12.127	1702	1706	1714	rVB3	73203	147697	5.72%	0.436%
75	12.380	1745	1749	1750	rBV	80779	89691	3.48%	0.265%
76	12.416	1750	1755	1756	rVV	1398768	1715677	66.47%	5.063%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
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Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.433	1756	1758	1769	rVV	1553630	2039712	79.03%	6.019%
78	12.545	1769	1777	1790	rVV	1191848	2581032	100.00%	7.617%
79	12.645	1790	1794	1799	rVV2	121379	181817	7.04%	0.537%
80	12.769	1809	1815	1822	rBV	922186	1399588	54.23%	4.130%
81	12.916	1832	1840	1847	rVB2	414878	642602	24.90%	1.896%
82	12.986	1848	1852	1856	rBV3	76197	139829	5.42%	0.413%
83	13.098	1868	1871	1875	rVB	154778	198085	7.67%	0.585%
84	13.163	1878	1882	1885	rVV2	127908	173661	6.73%	0.512%
85	13.204	1885	1889	1892	rVB2	82169	110188	4.27%	0.325%
86	13.969	2013	2019	2022	rBV2	1037276	1835826	71.13%	5.418%
87	15.010	2191	2196	2205	rVB	482545	1053526	40.82%	3.109%
88	15.304	2243	2246	2252	rVB	238383	355764	13.78%	1.050%
89	15.368	2253	2257	2262	rVB	333261	473456	18.34%	1.397%
90	15.427	2263	2267	2271	rBV	443238	684912	26.54%	2.021%
91	16.868	2508	2512	2521	rVB2	162868	343484	13.31%	1.014%

Sum of corrected areas: 33886353

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
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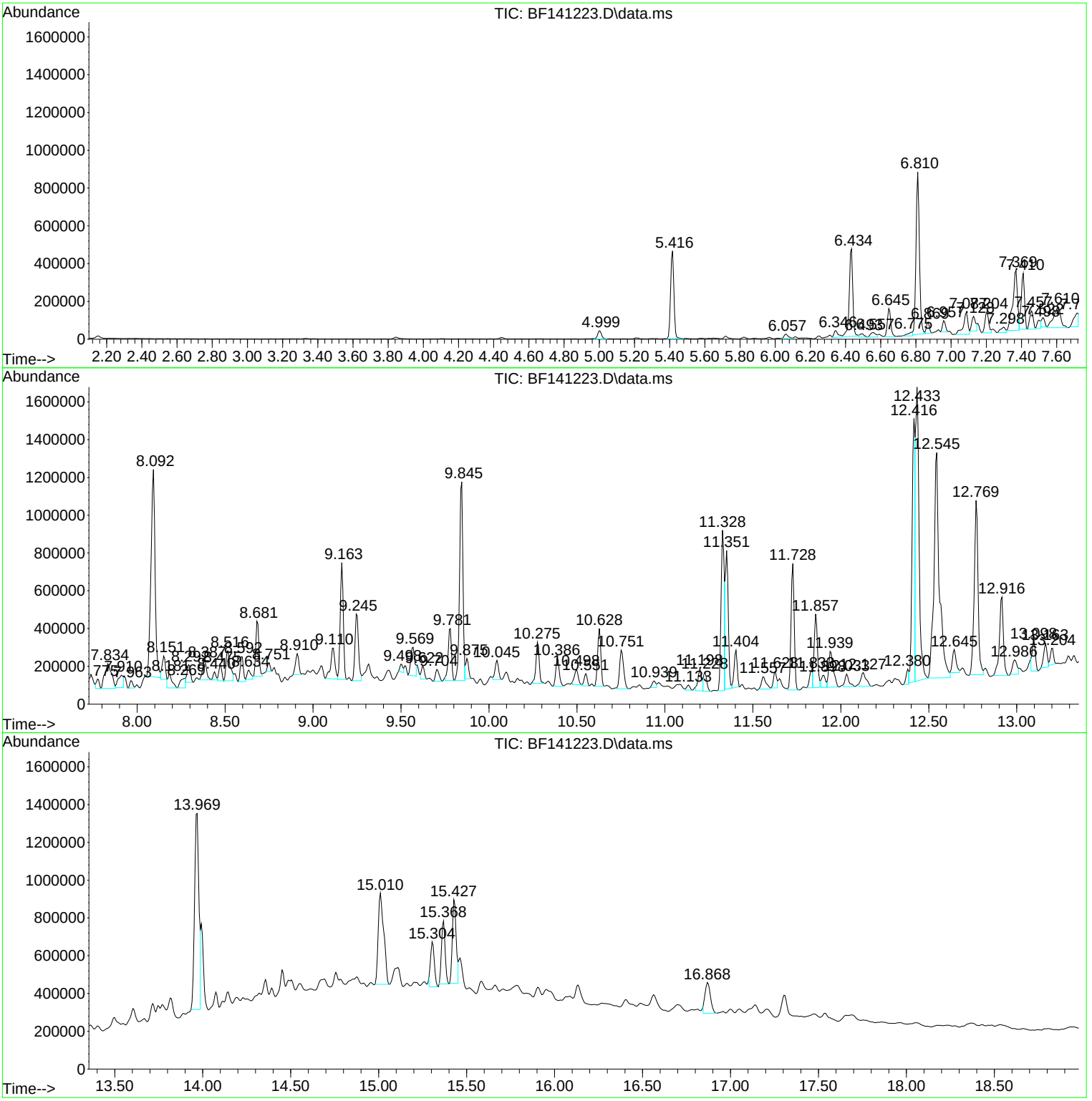
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

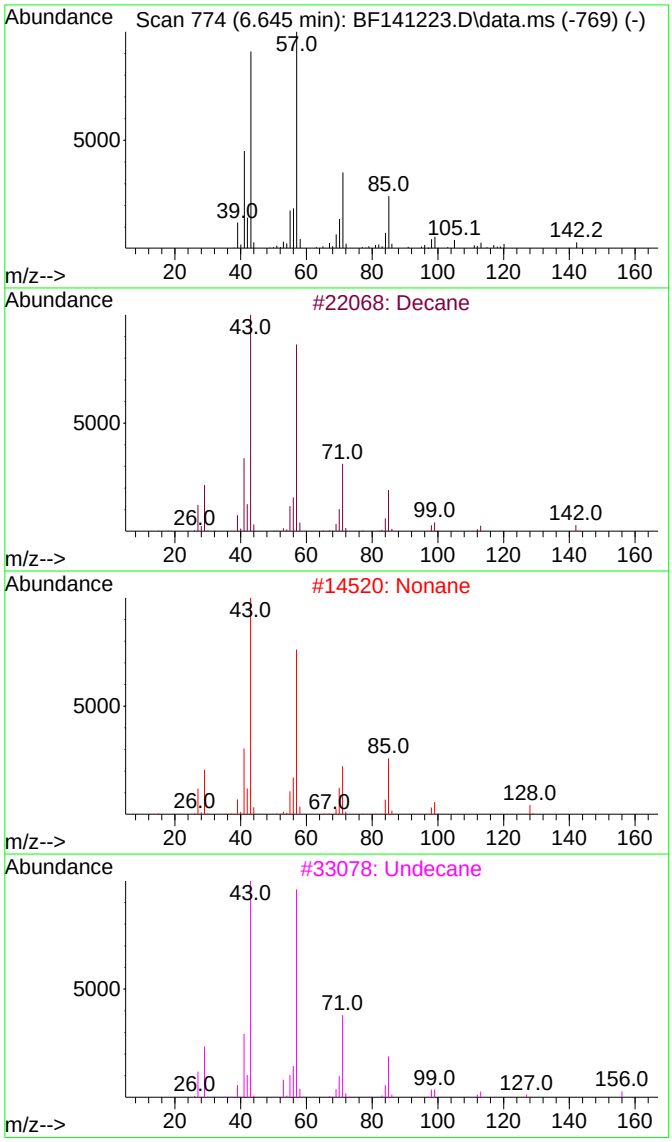
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

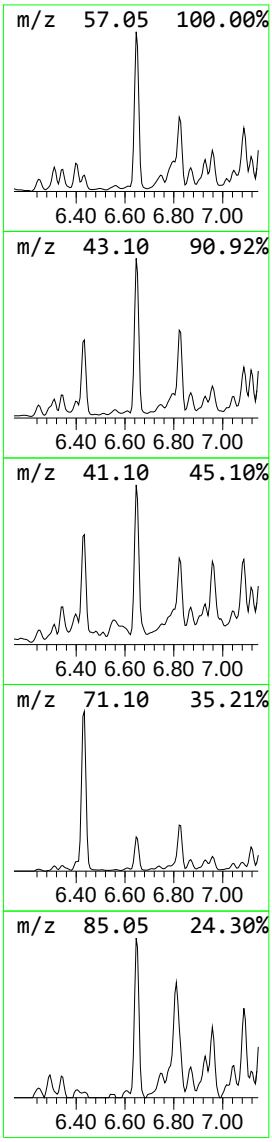
****

Peak Number 1 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	3.52 ng	203859	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Nonane	128	C9H20	000111-84-2	90
3	Undecane	156	C11H24	001120-21-4	83
4	Octane	114	C8H18	000111-65-9	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

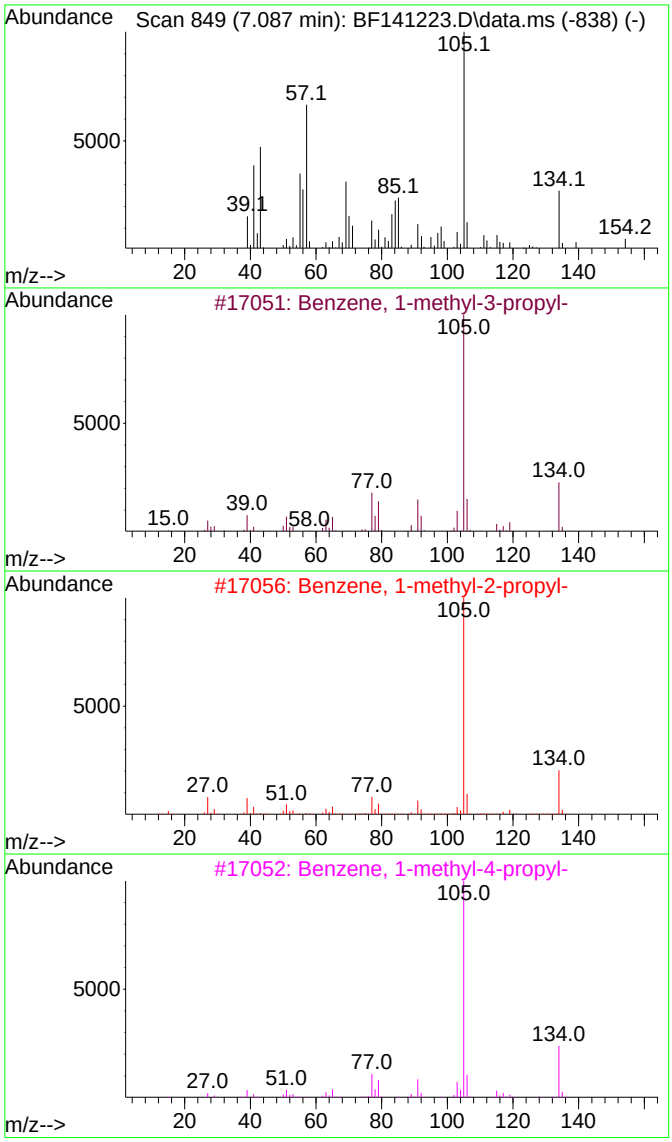
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

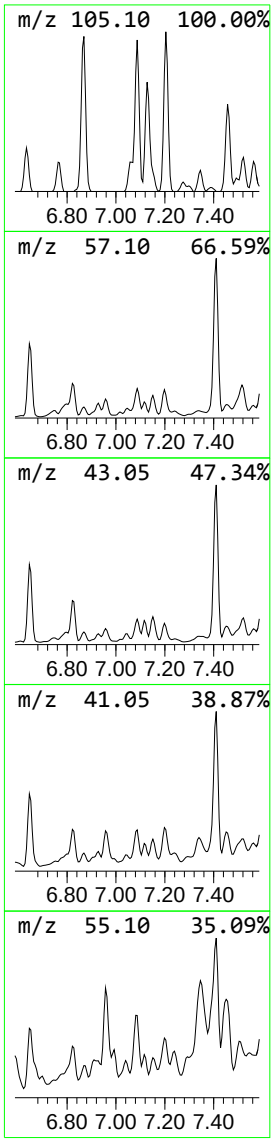
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	3.62 ng	209790	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	2-Indanol	134	C9H10O	004254-29-9	30
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

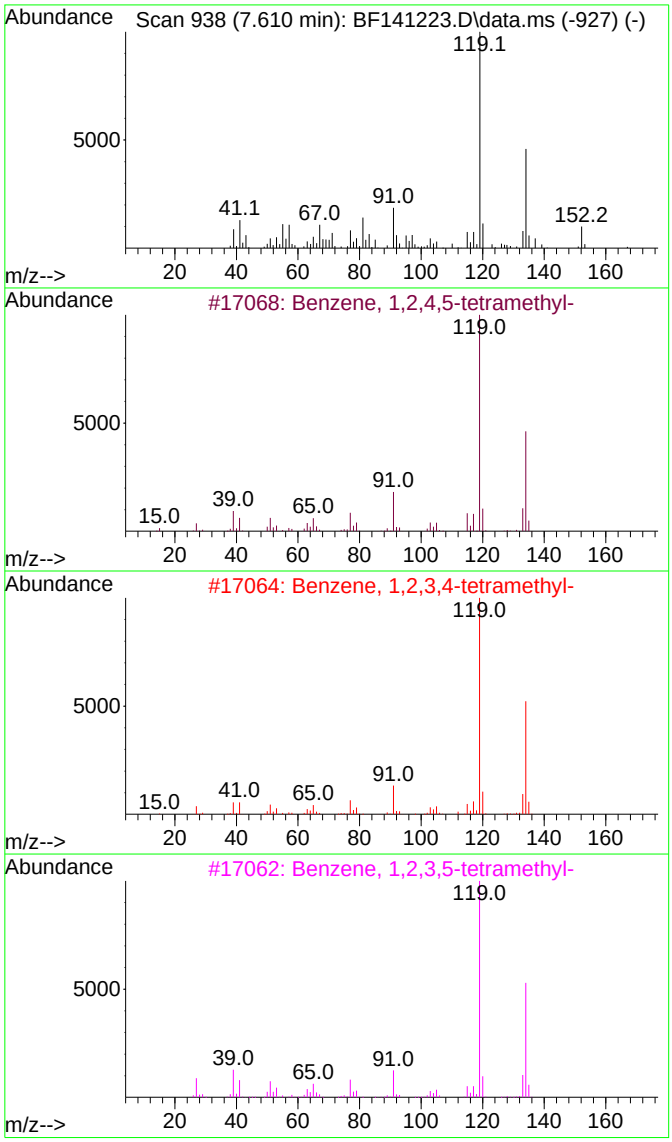
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

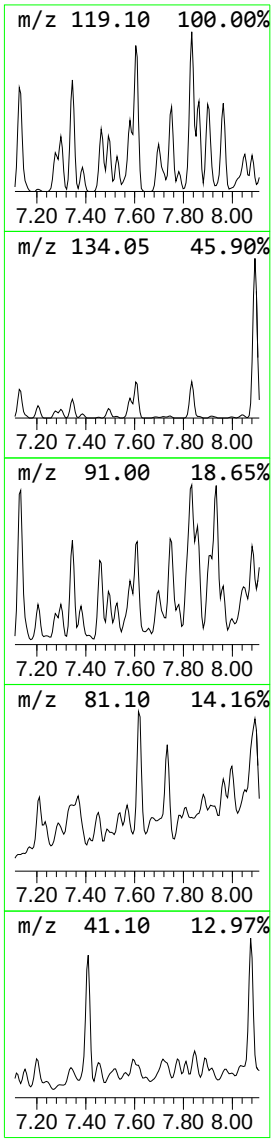
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	3.46 ng	311023	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

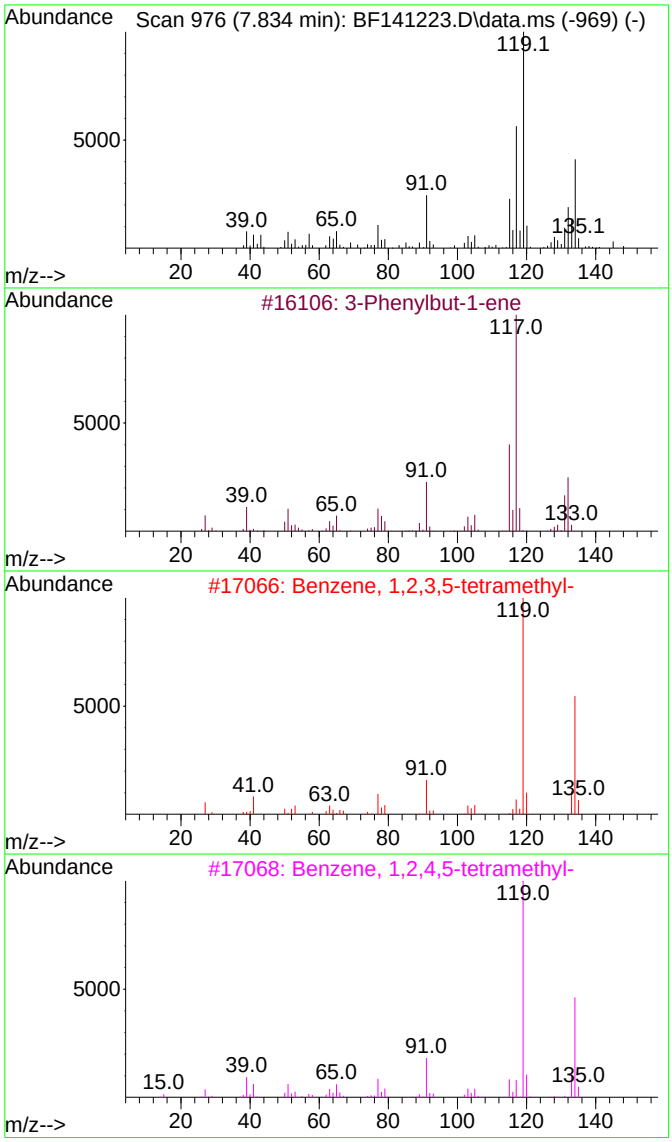
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

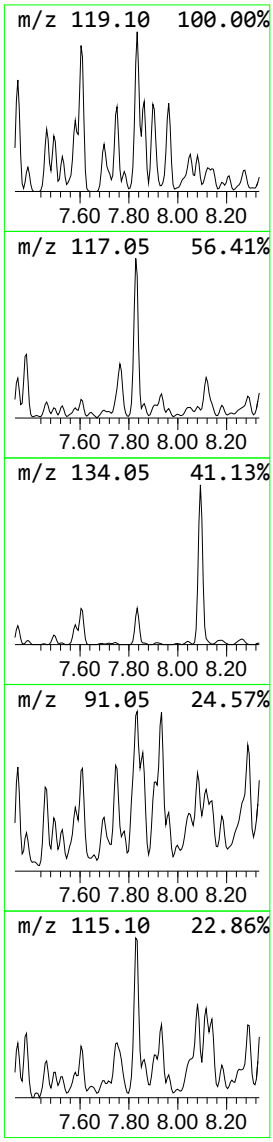
****

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.834	3.93 ng	354186	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

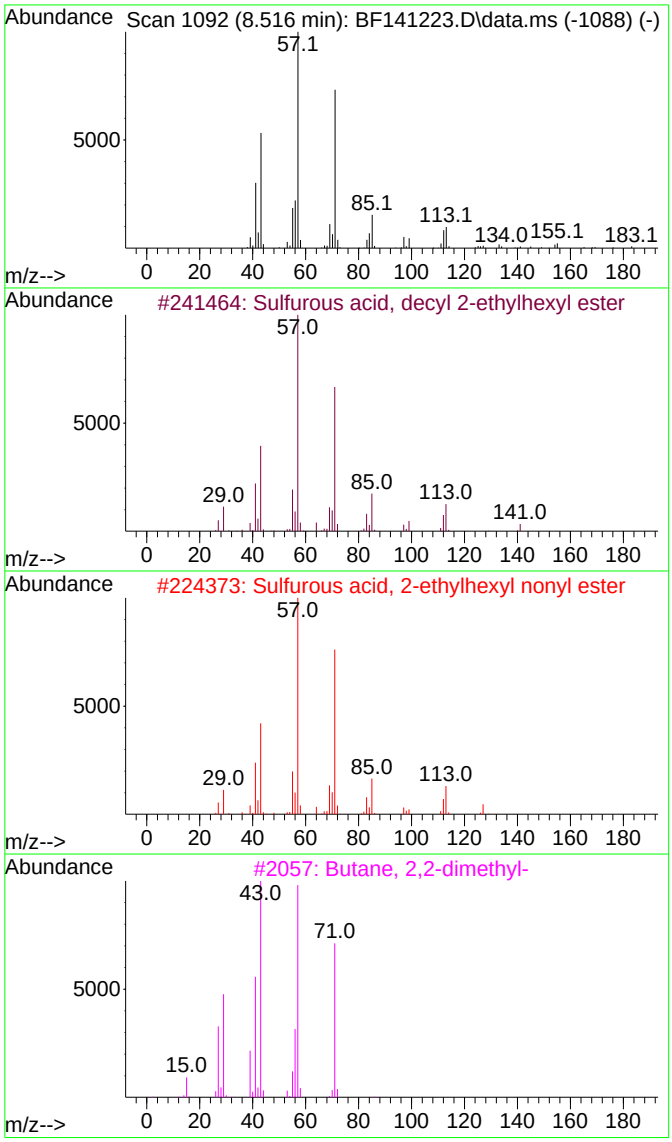
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

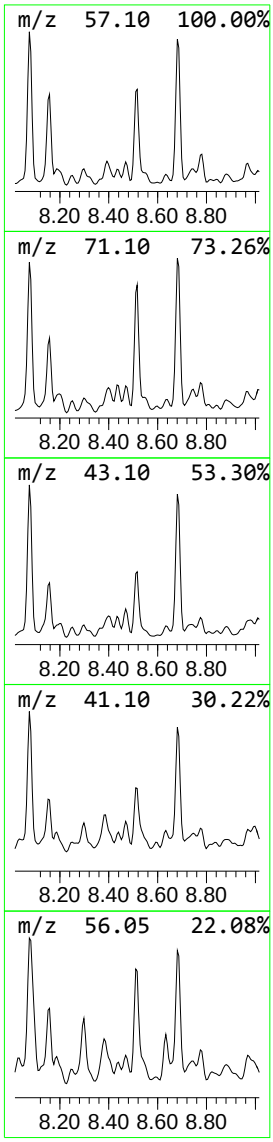
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, decyl 2-eth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	2.99 ng	269352	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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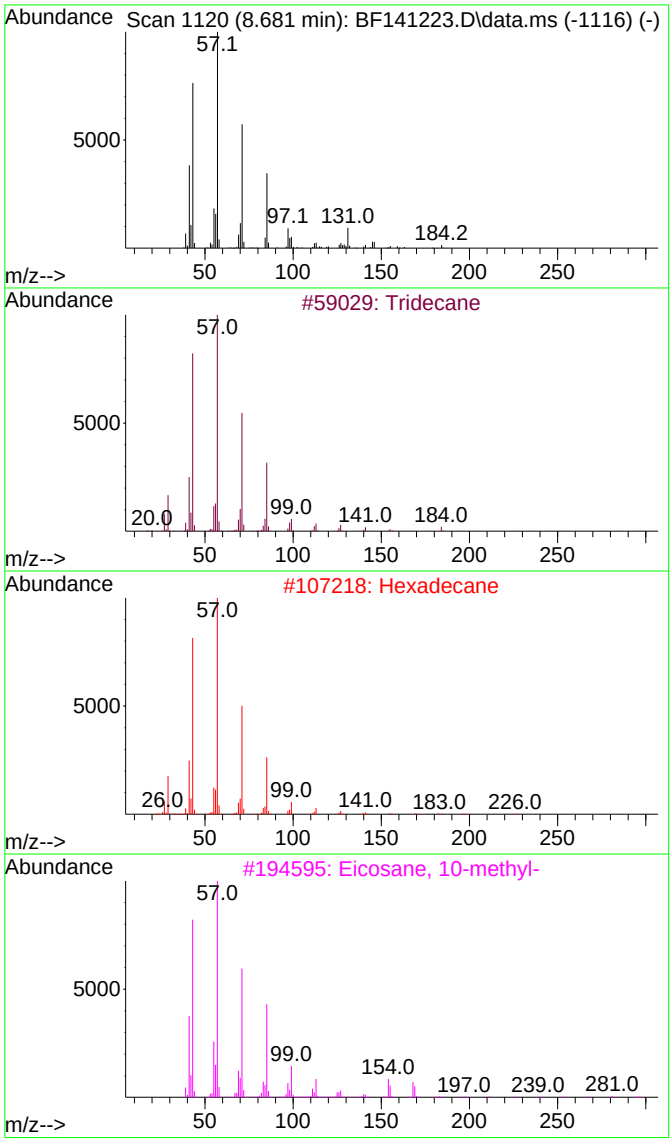
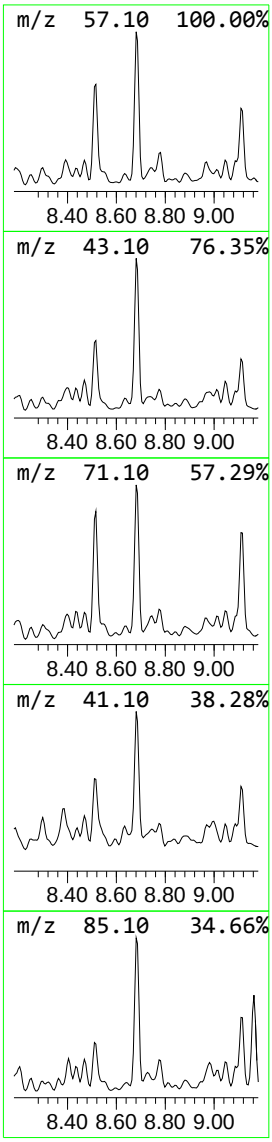
Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	4.06 ng	365642	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62





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Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
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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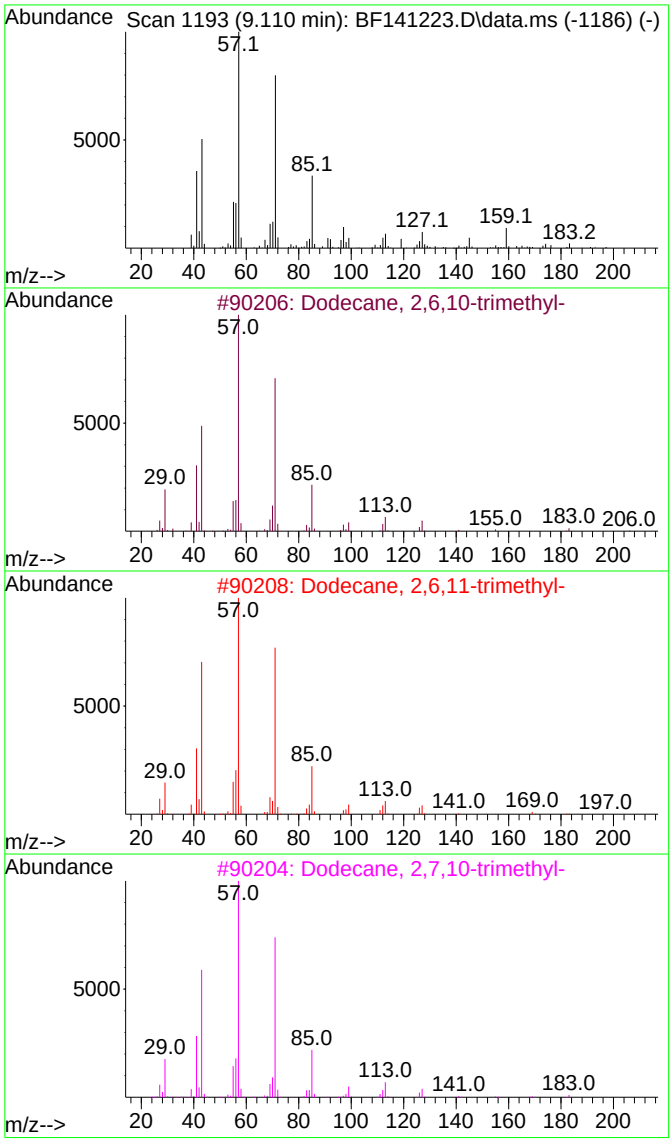
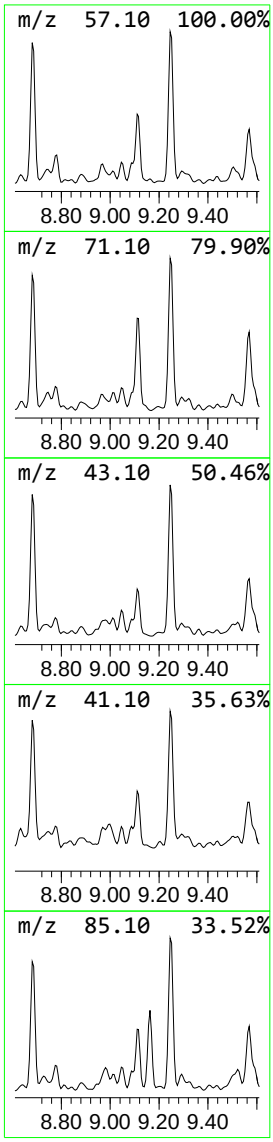
Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.110	3.93 ng	278125	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





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Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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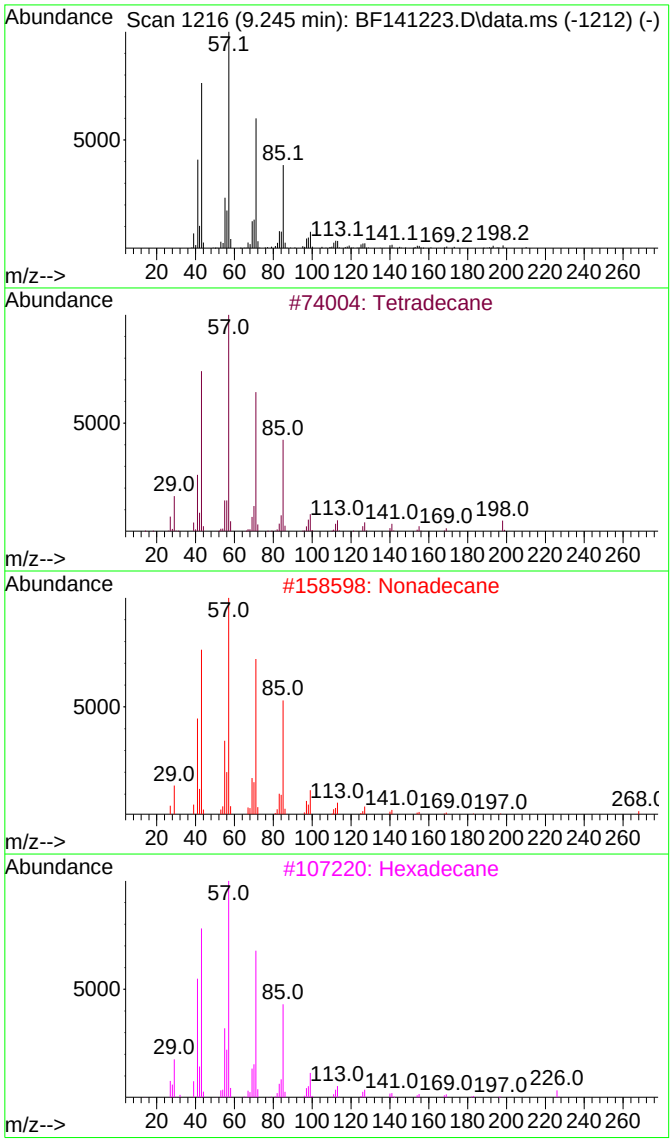
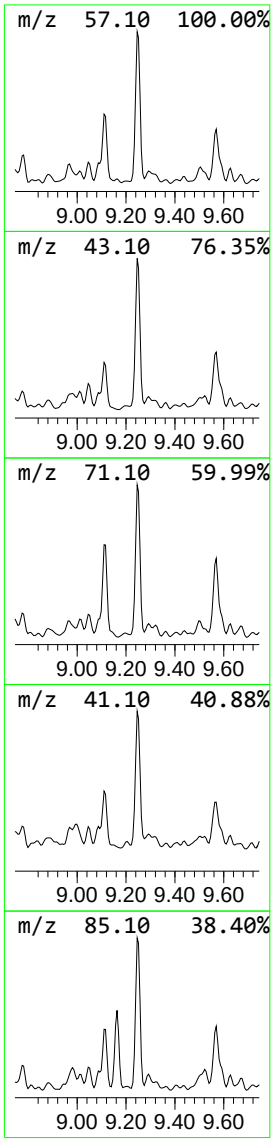
Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	7.04 ng	498330	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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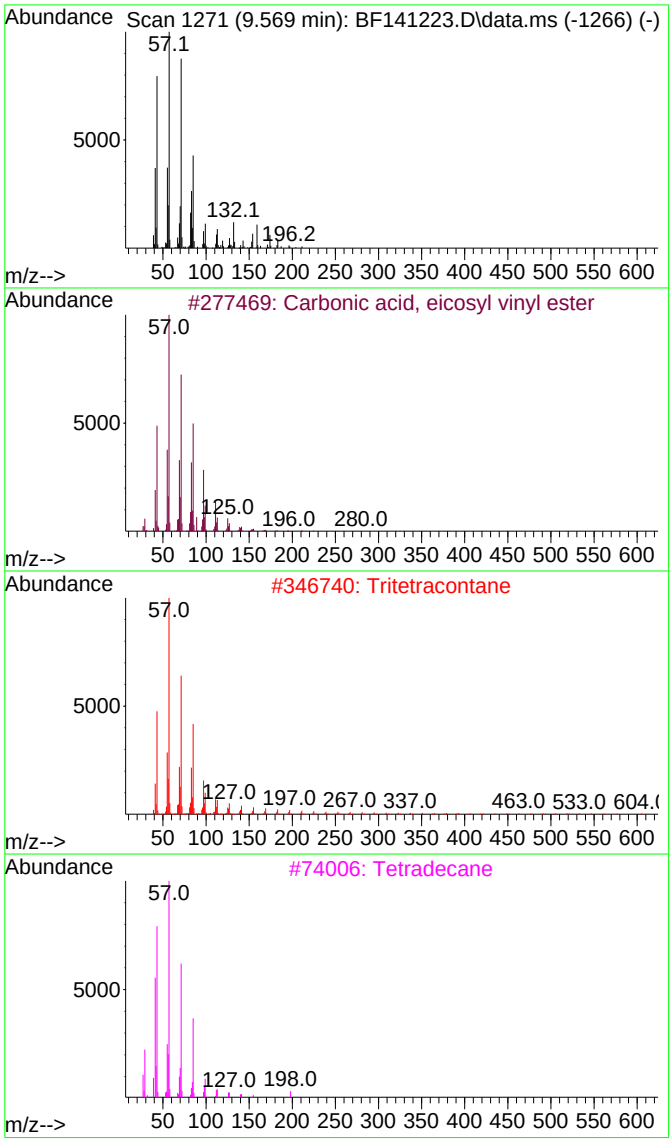
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

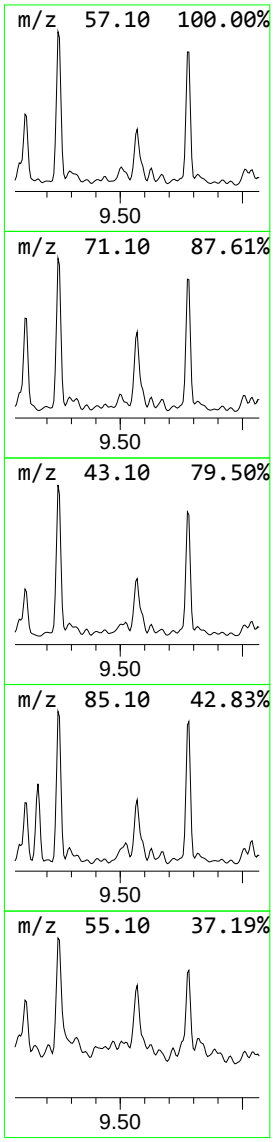
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Carbonic acid, eicosyl viny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.41 ng	241092	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Tritetracontane	605	C43H88	007098-21-7	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	53
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-011725

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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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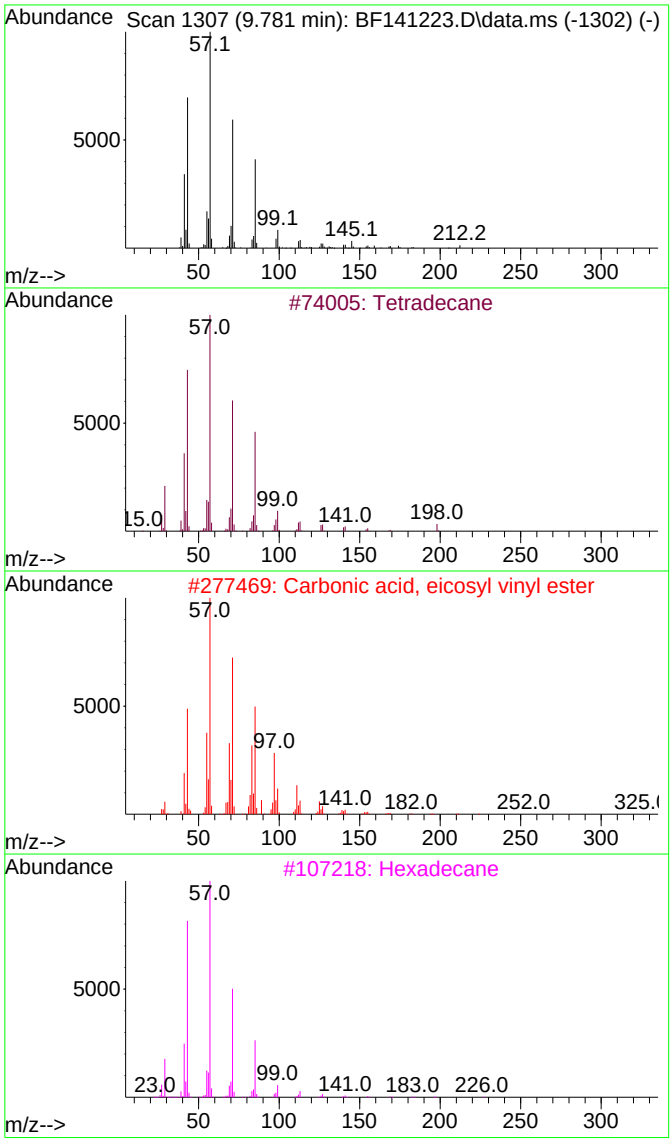
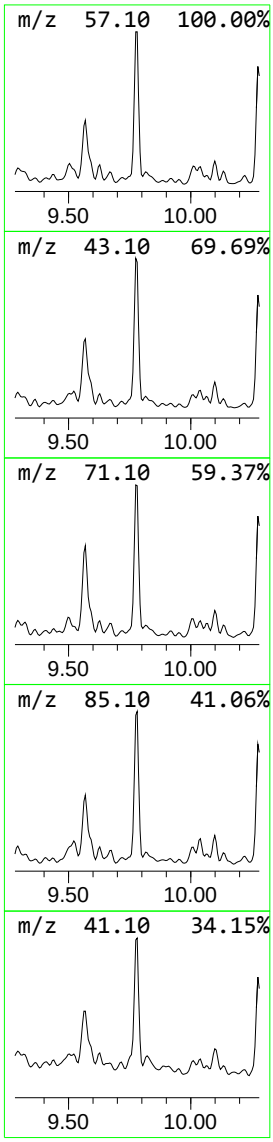
Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	5.09 ng	360224	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane	212	C15H32	000629-62-9	64





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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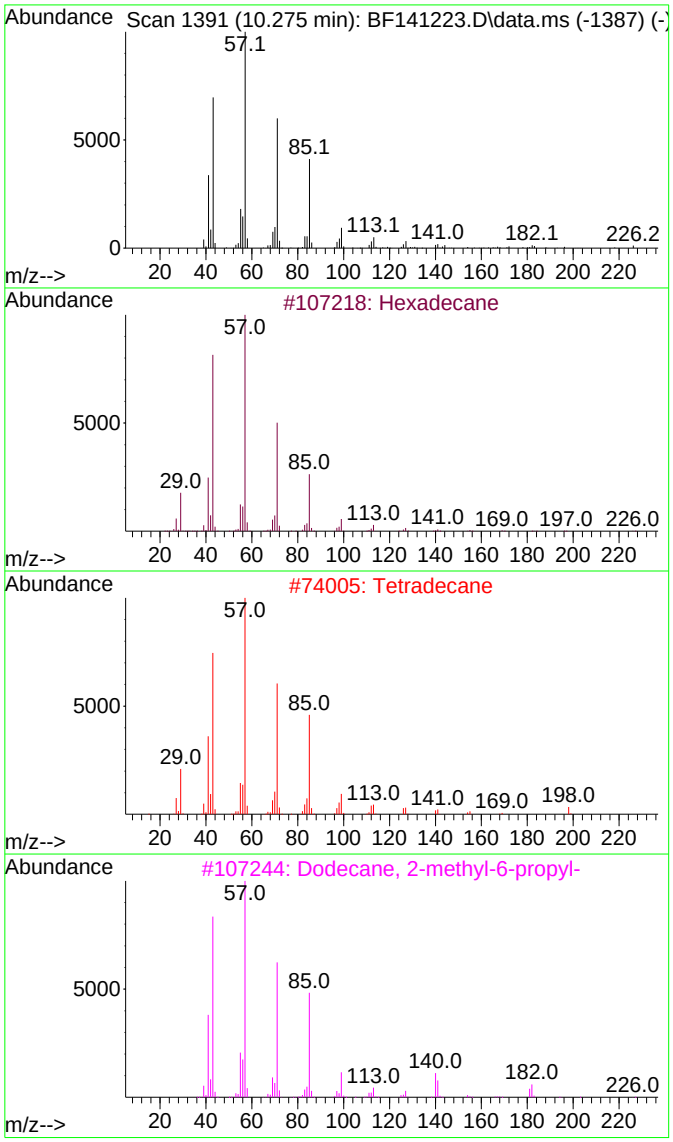
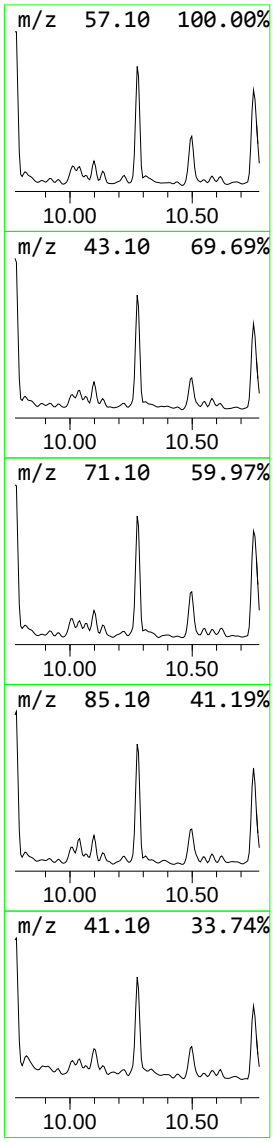
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	3.92 ng	277466	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5	Nonadecane	268	C19H40	000629-92-5	83





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Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-011725

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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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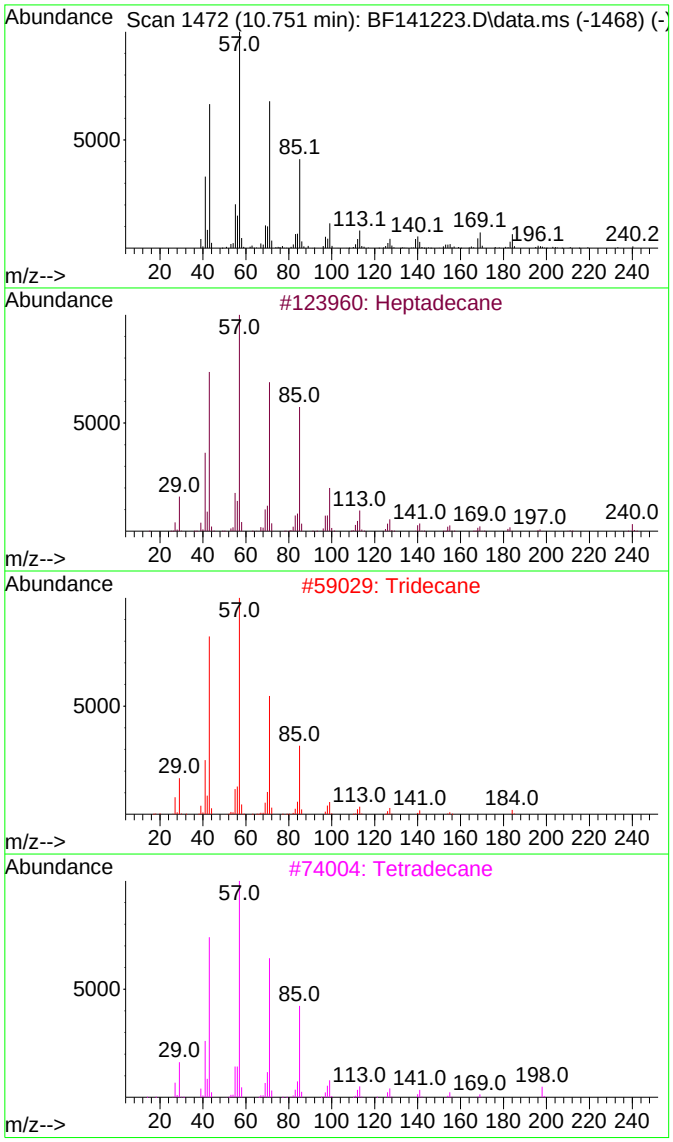
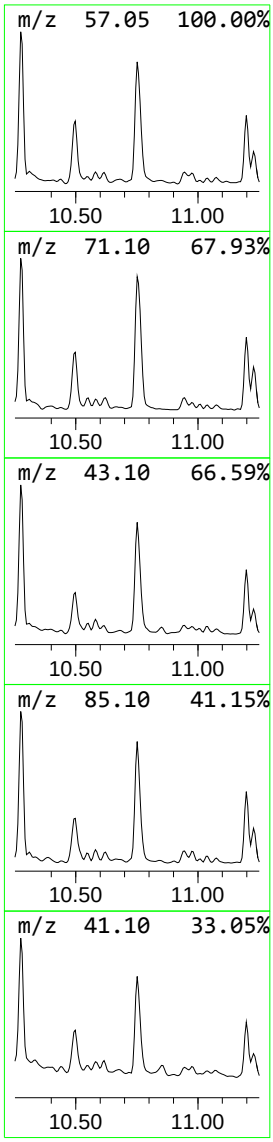
Peak Number 12 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	5.83 ng	323434	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	Heneicosane	296	C21H44	000629-94-7	74





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Sample : Q1134-01 5X
Misc :
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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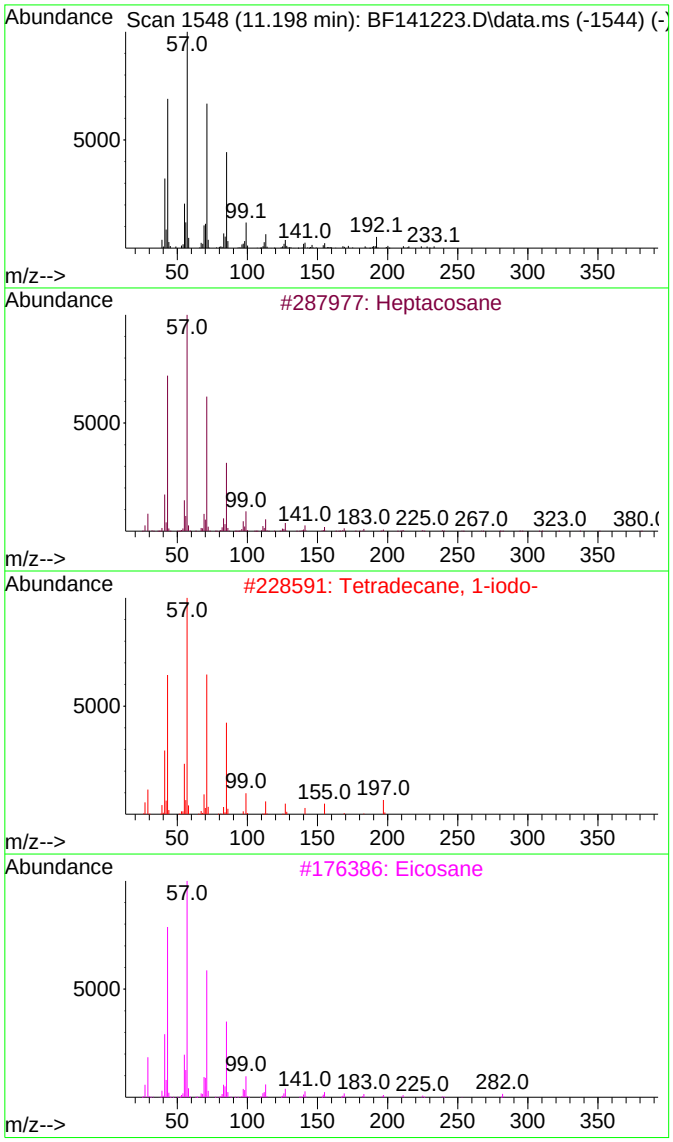
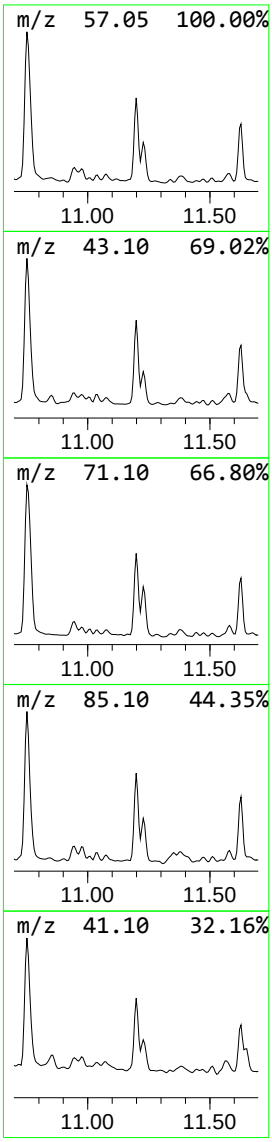
Peak Number 13 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	3.23 ng	179332	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





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ALS Vial : 13 Sample Multiplier: 1

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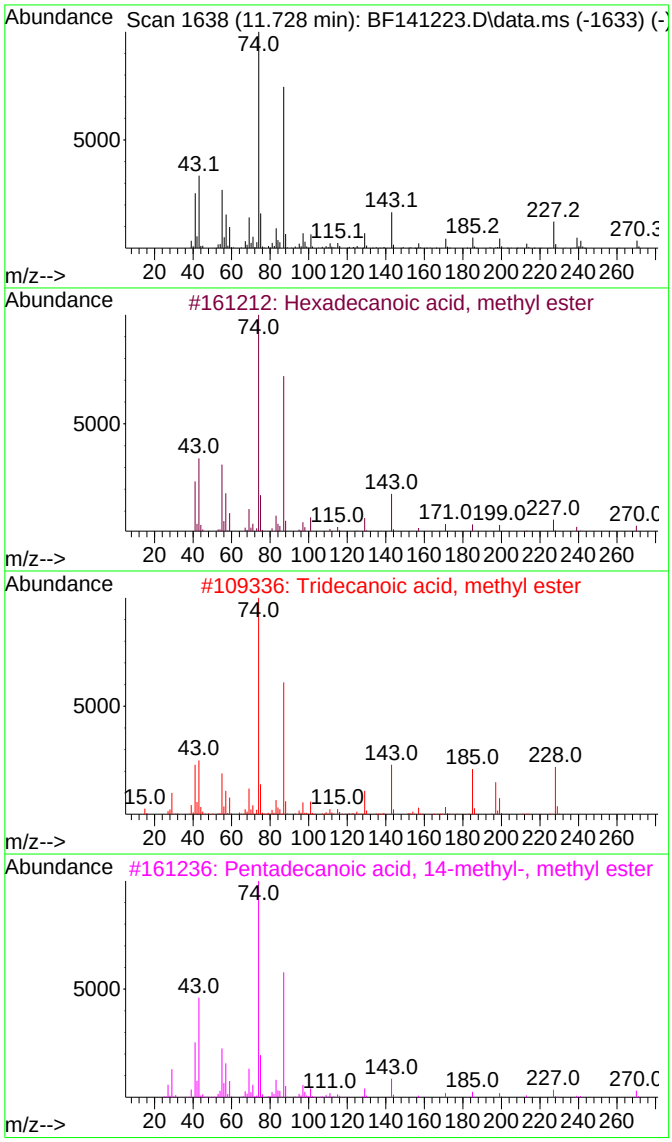
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

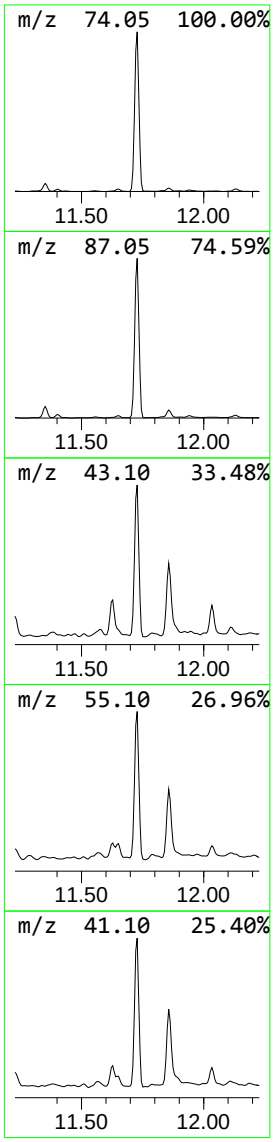
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	15.15 ng	841084	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
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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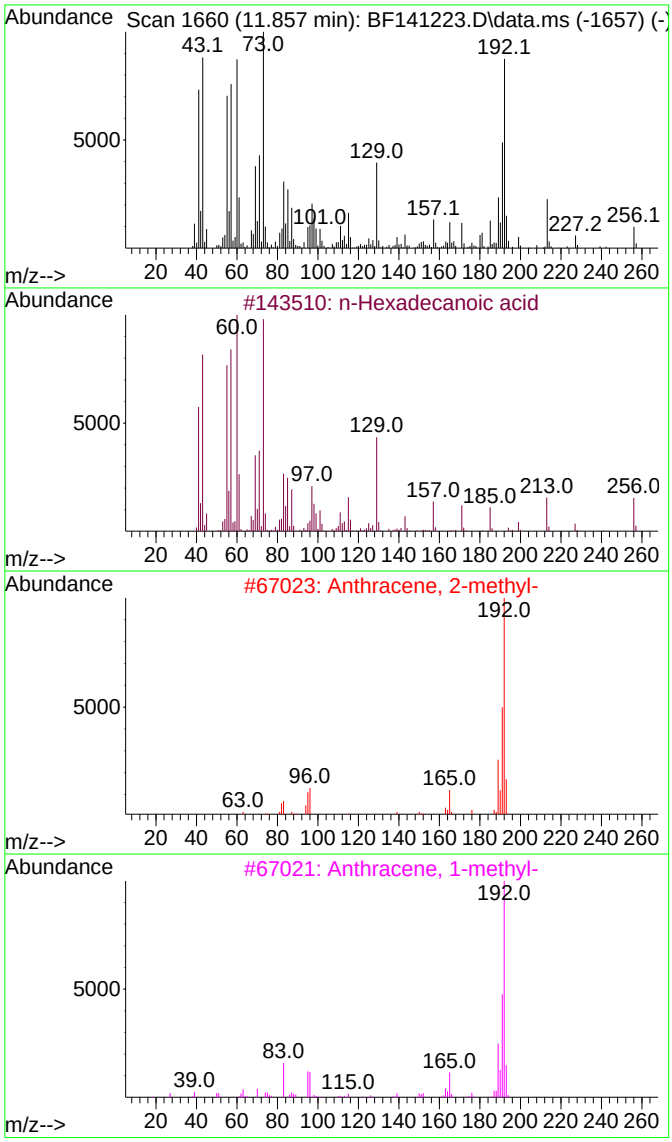
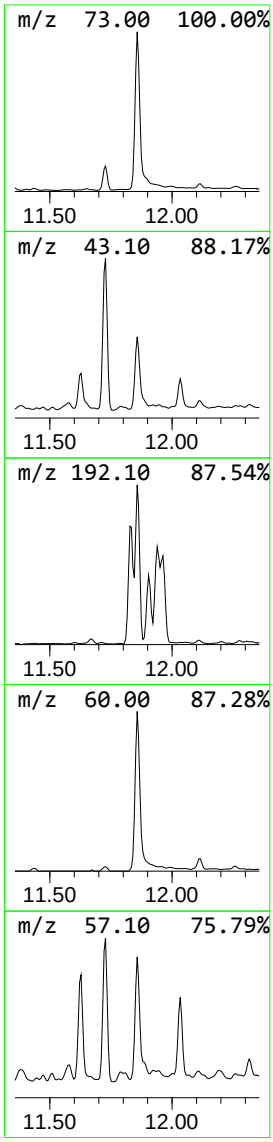
Peak Number 15 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	9.13 ng	506600	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





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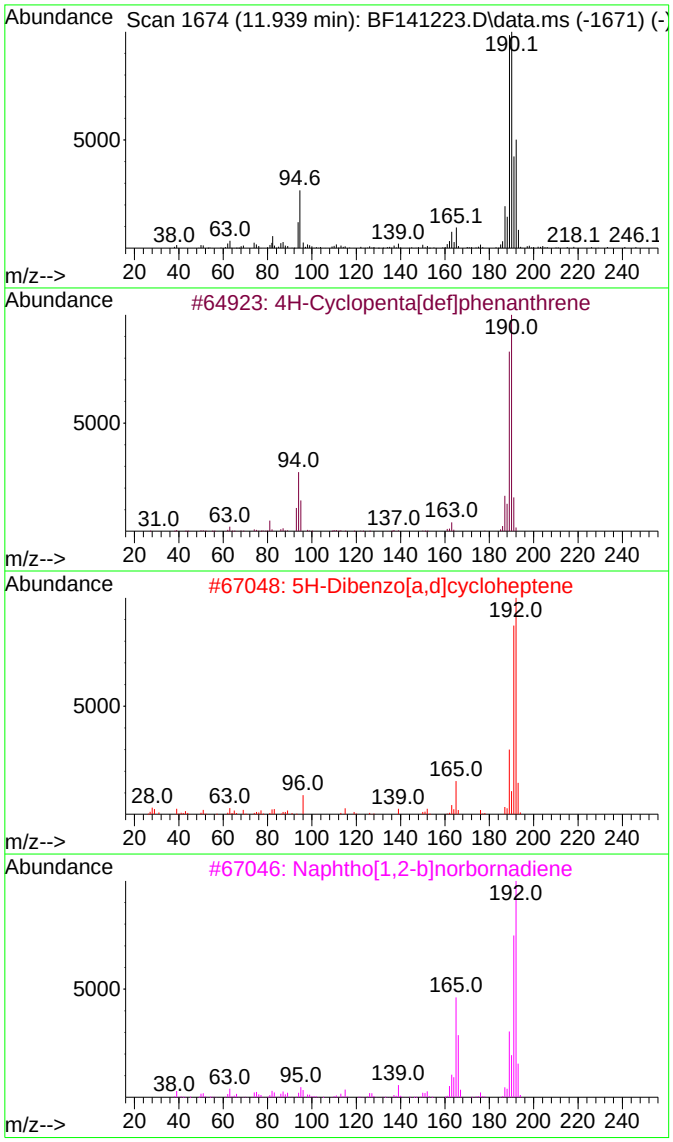
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

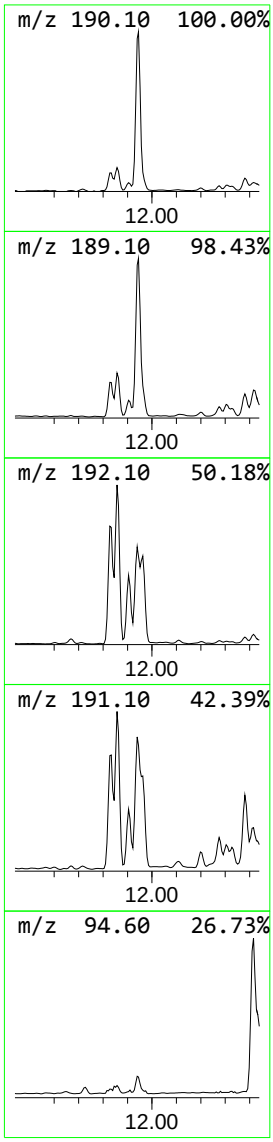
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.93 ng	329087	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	14
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	11





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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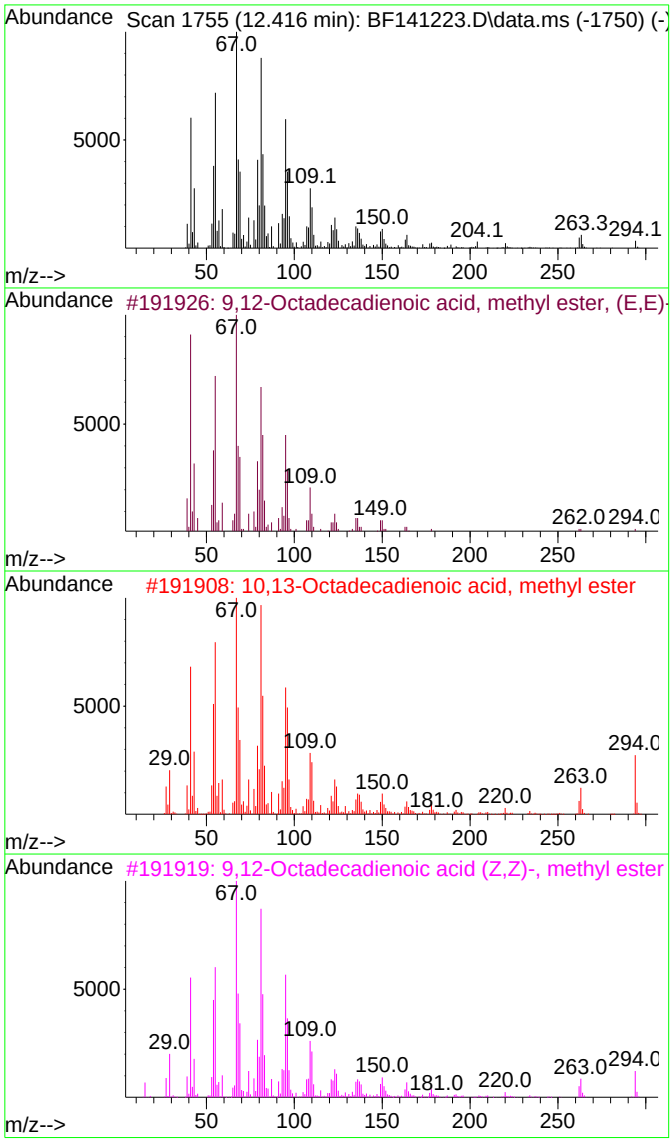
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

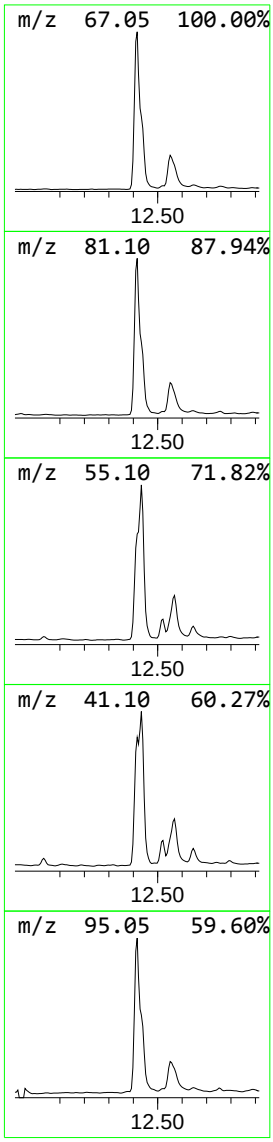
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	30.90 ng	1715680	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

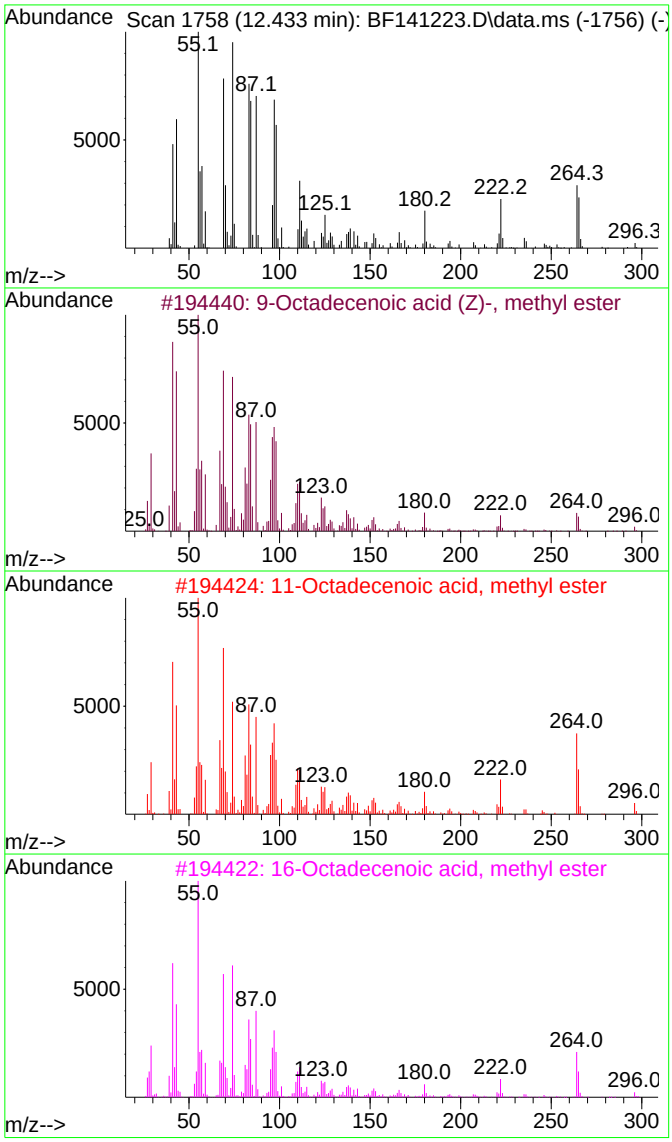
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

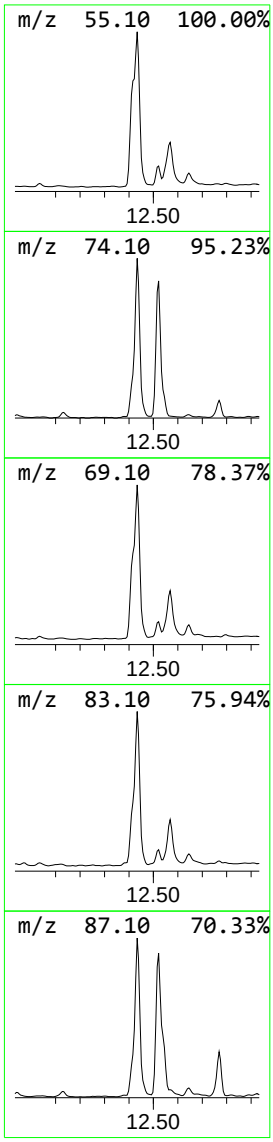
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	36.74 ng	2039710	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	90
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

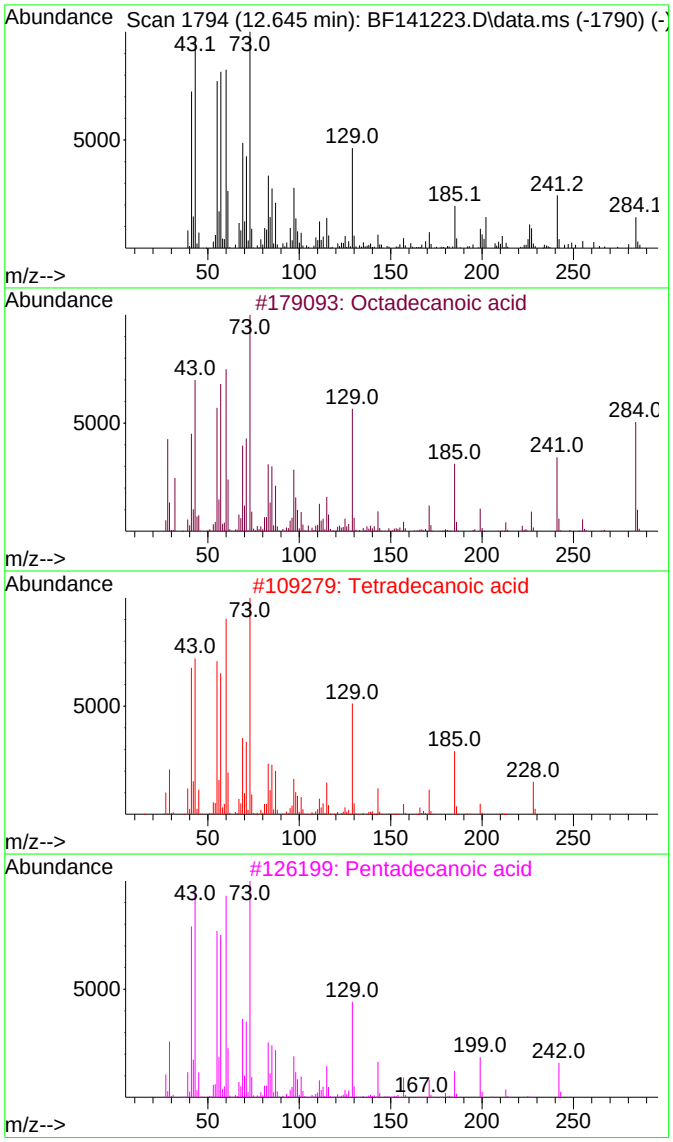
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

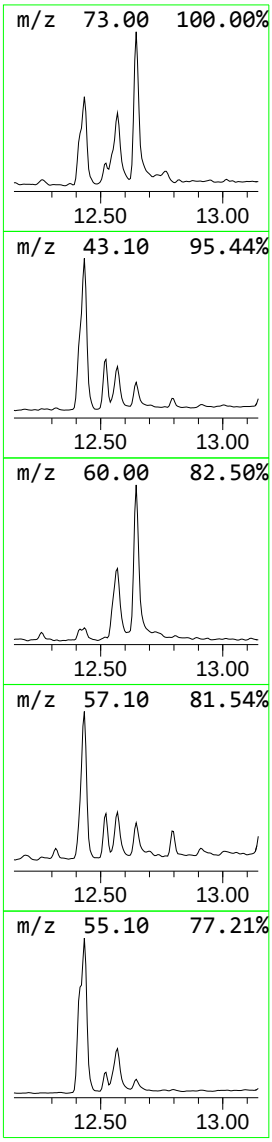
****

Peak Number 19 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	3.28 ng	181817	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

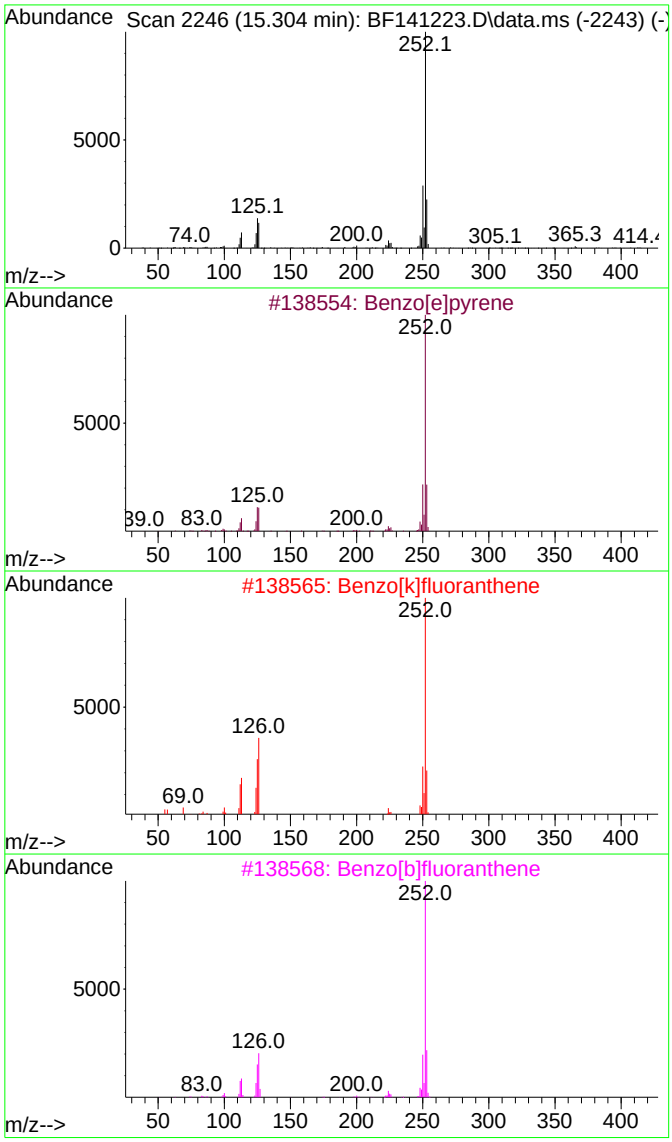
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

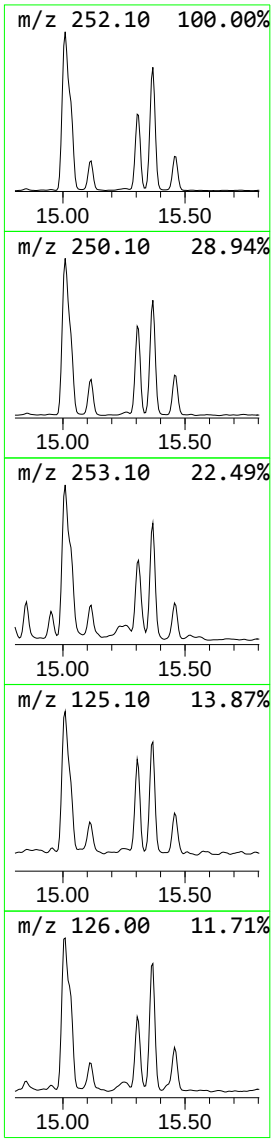
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	10.39 ng	355764	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141223.D
Acq On : 20 Jan 2025 15:32
Operator : RC/JU
Sample : Q1134-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-011725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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	6.645	3.5	ng	203859	1	6.810	1157530	20.0
Benzene, 1-meth...	7.087	3.6	ng	209790	1	6.810	1157530	20.0
Benzene, 1,2,4,...	7.610	3.5	ng	311023	2	8.092	1800220	20.0
3-Phenylbut-1-ene	7.834	3.9	ng	354186	2	8.092	1800220	20.0
Sulfurous acid,...	8.516	3.0	ng	269352	2	8.092	1800220	20.0
Tridecane	8.681	4.1	ng	365642	2	8.092	1800220	20.0
Dodecane, 2,6,1...	9.110	3.9	ng	278125	3	9.845	1415720	20.0
Tetradecane	9.245	7.0	ng	498330	3	9.845	1415720	20.0
Carbonic acid, ...	9.569	3.4	ng	241092	3	9.845	1415720	20.0
Hexadecane	9.781	5.1	ng	360224	3	9.845	1415720	20.0
Dodecane, 2-met...	10.275	3.9	ng	277466	3	9.845	1415720	20.0
Heptadecane	10.751	5.8	ng	323434	4	11.328	1110300	20.0
Heptacosane	11.198	3.2	ng	179332	4	11.328	1110300	20.0
Hexadecanoic ac...	11.727	15.2	ng	841084	4	11.328	1110300	20.0
n-Hexadecanoic ...	11.857	9.1	ng	506600	4	11.328	1110300	20.0
4H-Cyclopenta[d...	11.939	5.9	ng	329087	4	11.328	1110300	20.0
9,12-Octadecadi...	12.416	30.9	ng	1715680	4	11.328	1110300	20.0
9-Octadecenoic ...	12.433	36.7	ng	2039710	4	11.328	1110300	20.0
Octadecanoic acid	12.645	3.3	ng	181817	4	11.328	1110300	20.0
Benzo[e]pyrene	15.304	10.4	ng	355764	6	15.427	684912	20.0