LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	7	11	43	rVB2	60806	197419	2.59%	0.249%
2	5.428	561	567	579	rBV	1686118	2165539	28.46%	2.729%
3	6.440	734	739	749	rVV	1646717	2115978	27.81%	2.667%
4	6.828	800	805	810	rBV	1187697	1457635	19.16%	1.837%
5	7.381	891	899	904	rBV	1048183	1394862	18.33%	1.758%
6	7.428	904	907	910	rVV	62024	81411	1.07%	0.103%
7	7.475	910	915	919	rVB5	51693	88055	1.16%	0.111%
8	7.639	938	943	950	rVB3	113268	182182	2.39%	0.230%
9	7.751	951	962	966	rBV7	79224	200309	2.63%	0.252%
10	8.110	1010	1023	1030	rBV	1460203	2346835	30.85%	2.958%
11	8.169	1030	1033	1036	rVV2	98666	138620	1.82%	0.175%
12	8.398	1067	1072	1079	rBV6	99458	188257	2.47%	0.237%
13	8.486	1084	1087	1091	rVB3	66136	78658	1.03%	0.099%
14	8.528	1091	1094	1100	rBV3	85871	169104	2.22%	0.213%
15	8.610	1105	1108	1112	rBV2	99798	128662	1.69%	0.162%
16	8.698	1119	1123	1127	rBV	238529	312434	4.11%	0.394%
17	8.928	1157	1162	1169	rBV5	127736	230562	3.03%	0.291%
18	9.128	1193	1196	1200	rVB3	97212	120934	1.59%	0.152%
19	9.181	1200	1205	1209	rVB	1824151	2209369	29.04%	2.785%
20	9.263	1215	1219	1224	rBV	345986	486124	6.39%	0.613%
21	9.328	1228	1230	1236	rVB	89031	127666	1.68%	0.161%
22	9.439	1246	1249	1255	rVB4	78349	136975	1.80%	0.173%
23	9.516	1256	1262	1264	rBV4	129228	243062	3.19%	0.306%
24	9.580	1269	1273	1276	rBV4	202427	305311	4.01%	0.385%
25	9.722	1293	1297	1302	rBV	174028	252240	3.32%	0.318%
26	9.792	1305	1309	1313	rVB	378895	480416	6.31%	0.605%
27	9.857	1314	1320	1324	rBV	1369592	1817301	23.89%	2.290%
28	9.892	1324	1326	1330	rVB	202271	209813	2.76%	0.264%
29	10.057	1351	1354	1359	rVB	176857	233130	3.06%	0.294%
30	10.292	1390	1394	1401	rVB	424566	525406	6.91%	0.662%
31	10.404	1409	1413	1419	rBV	300823	434038	5.70%	0.547%
32	10.516	1428	1432	1437	rVB	211595	289447	3.80%	0.365%
33	10.569	1437	1441	1444	rVB2	186874	231064	3.04%	0.291%
34	10.639	1449	1453	1458	rBV2	882837	1143332	15.03%	1.441%
35	10.769	1471	1475	1483	rVB	569240	923443	12.14%	1.164%
36	11.216	1547	1551	1553	rBV	356092	441897	5.81%	0.557%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.245	1553	1556	1562	rVB2	298904	420633	5.53%	0.530%
38	11.345	1568	1573	1574	rBV	1136530	1363636	17.92%	1.719%
39	11.369	1574	1577	1581	rVV	1743107	2197360	28.88%	2.769%
40	11.416	1581	1585	1589	rVB	514542	647522	8.51%	0.816%
41	11.569	1608	1611	1614	rBV	127163	178411	2.35%	0.225%
42	11.645	1620	1624	1627	rBV	335289	480949	6.32%	0.606%
43	11.745	1636	1641	1646	rVB	1735032	2201079	28.93%	2.774%
44	11.845	1655	1658	1659	rBV	176602	179813	2.36%	0.227%
45	11.874	1659	1663	1668	rVB2	1043897	1358493	17.86%	1.712%
46	11.957	1673	1677	1685	rVB	570300	957126	12.58%	1.206%
47	12.051	1689	1693	1701	rVB	294643	419890	5.52%	0.529%
48	12.145	1705	1709	1716	rVB3	191479	385834	5.07%	0.486%
49	12.392	1748	1751	1753	rBV	179300	222910	2.93%	0.281%
50	12.433	1753	1758	1759	rVV	4147112	5056824	66.47%	6.373%
51	12.451	1759	1761	1771	rVB3	4631364	6260525	82.29%	7.890%
52	12.563	1771	1780	1783	rBV	3924943	7608076	100.00%	9.589%
53	12.592	1783	1785	1793	rVV	2812129	4016573	52.79%	5.062%
54	12.663	1794	1797	1802	rVB3	279155	432324	5.68%	0.545%
55	12.786	1811	1818	1825	rBV	3181728	5094049	66.96%	6.420%
56	12.933	1835	1843	1849	rBV2	1527314	2326617	30.58%	2.932%
57	13.004	1852	1855	1859	rVV2	184508	264000	3.47%	0.333%
58	13.116	1871	1874	1878	rVB	521969	648360	8.52%	0.817%
59	13.180	1880	1885	1888	rBV2	540499	798413	10.49%	1.006%
60	13.216	1888	1891	1894	rVV	266303	308317	4.05%	0.389%
61	13.980	2016	2021	2024	rBV2	2537371	4233782	55.65%	5.336%
62	14.010	2024	2026	2033	rVB	1627415	1999646	26.28%	2.520%
63	15.027	2194	2199	2208	rVB	1589440	3605092	47.39%	4.544%
64	15.321	2246	2249	2255	rVB	776159	1197034	15.73%	1.509%
65	15.386	2256	2260	2266	rBV	1140434	1619196	21.28%	2.041%
66	15.445	2267	2270	2273	rBV	565830	774002	10.17%	0.976%

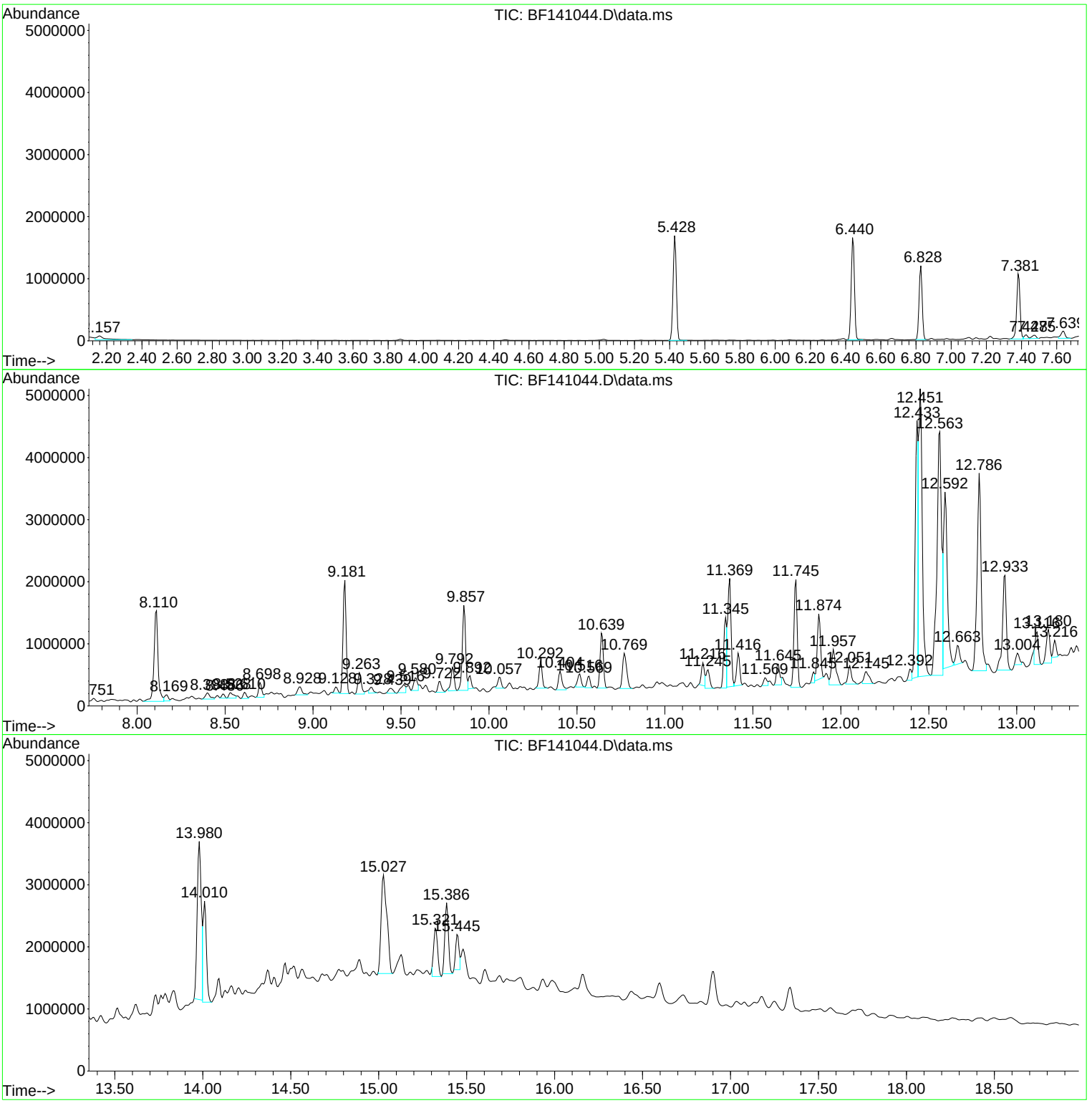
Sum of corrected areas: 79343976

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

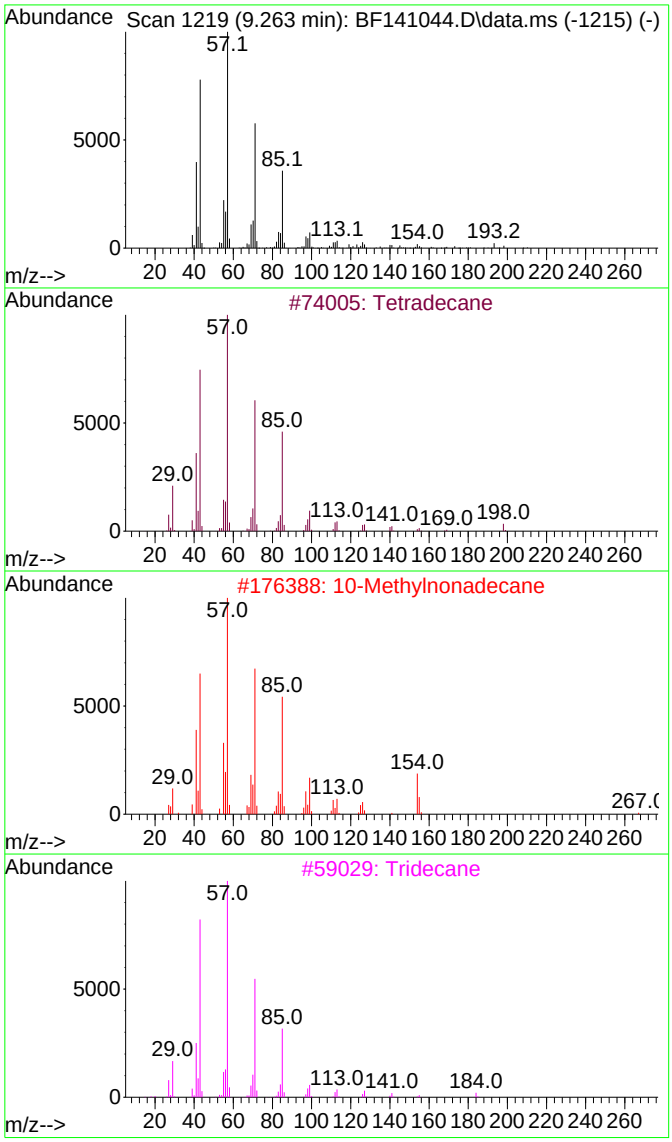
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

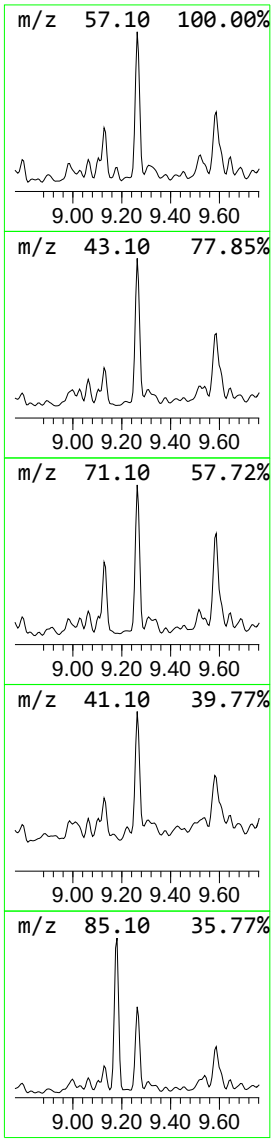
****

Peak Number 1 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	5.35 ng	486124	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

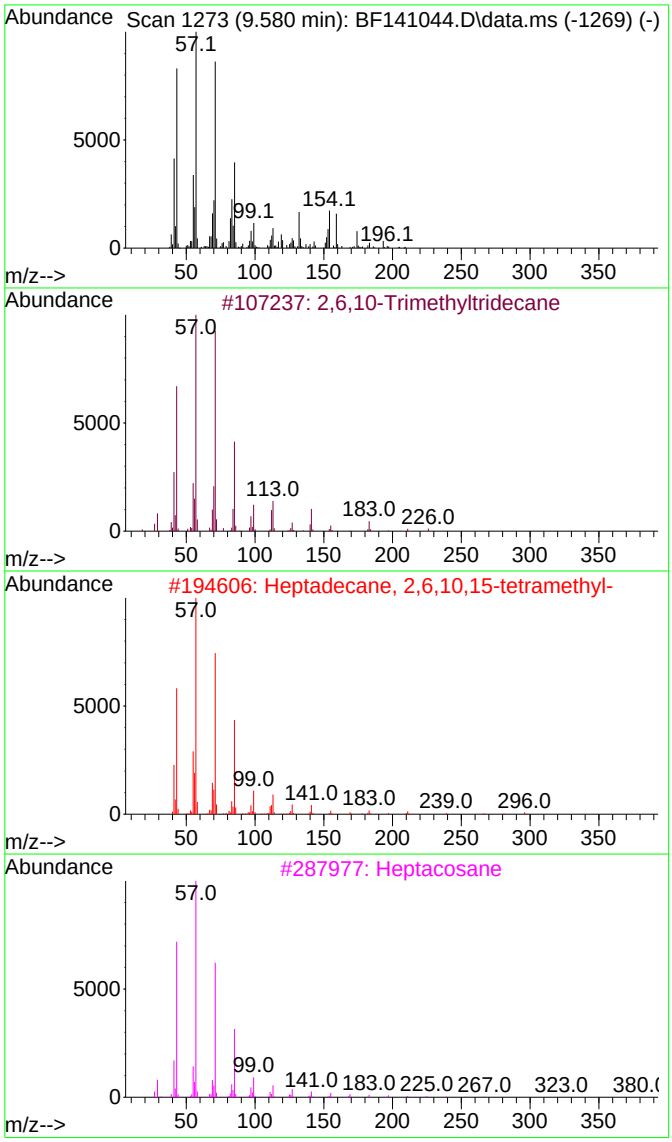
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

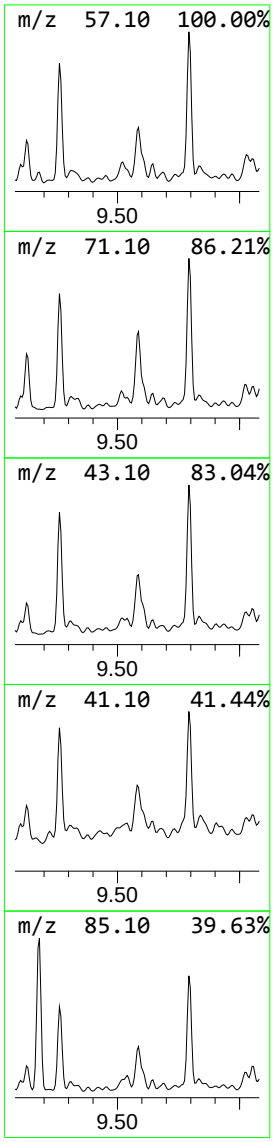
****

Peak Number 2 2,6,10-Trimethyltridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	3.36 ng	305311	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
3	Heptacosane	380	C27H56	000593-49-7	58
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	58
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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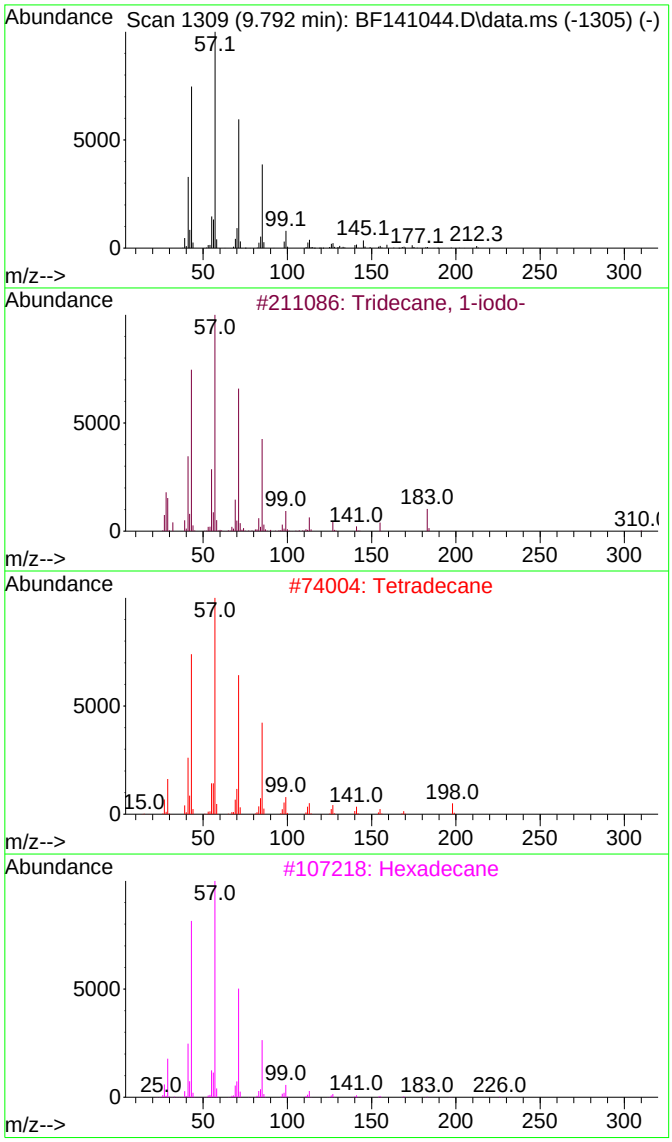
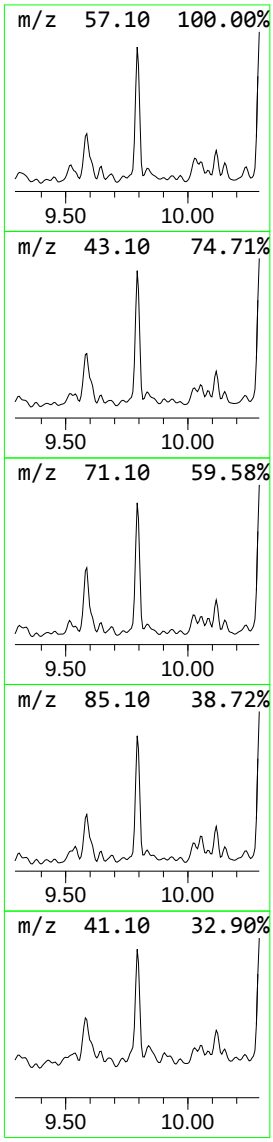
Peak Number 3 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	5.29 ng	480416	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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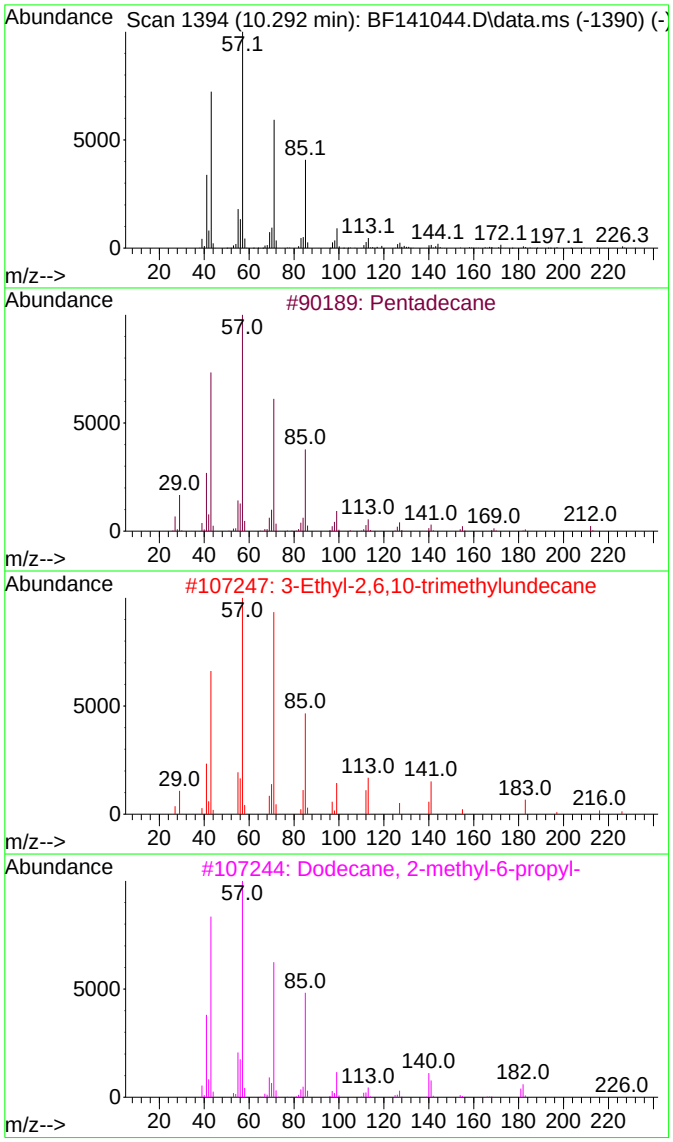
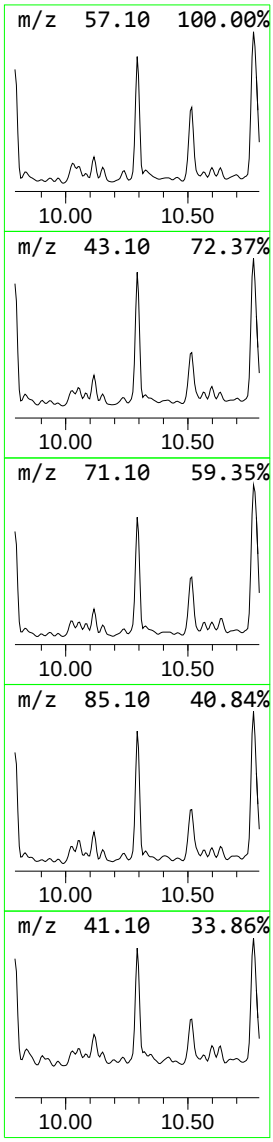
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	5.78 ng	525406	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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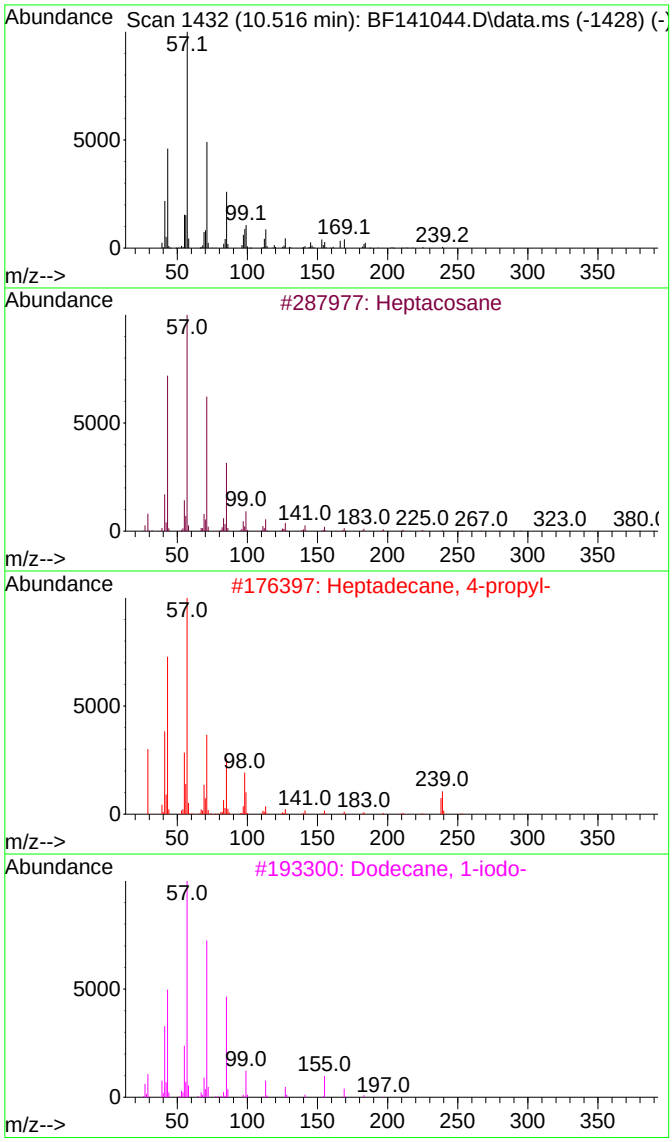
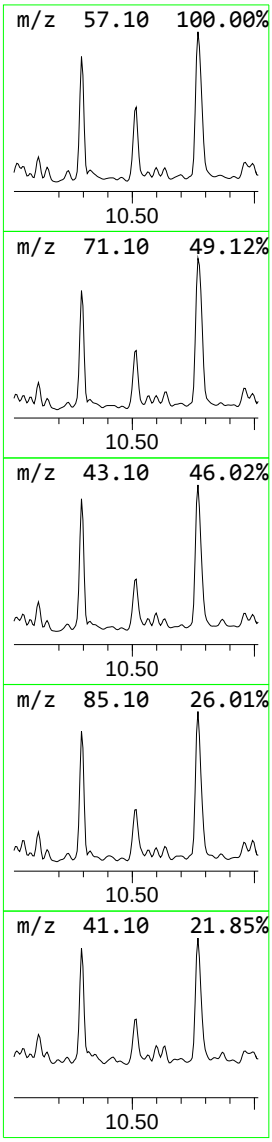
Peak Number 5 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	3.19 ng	289447	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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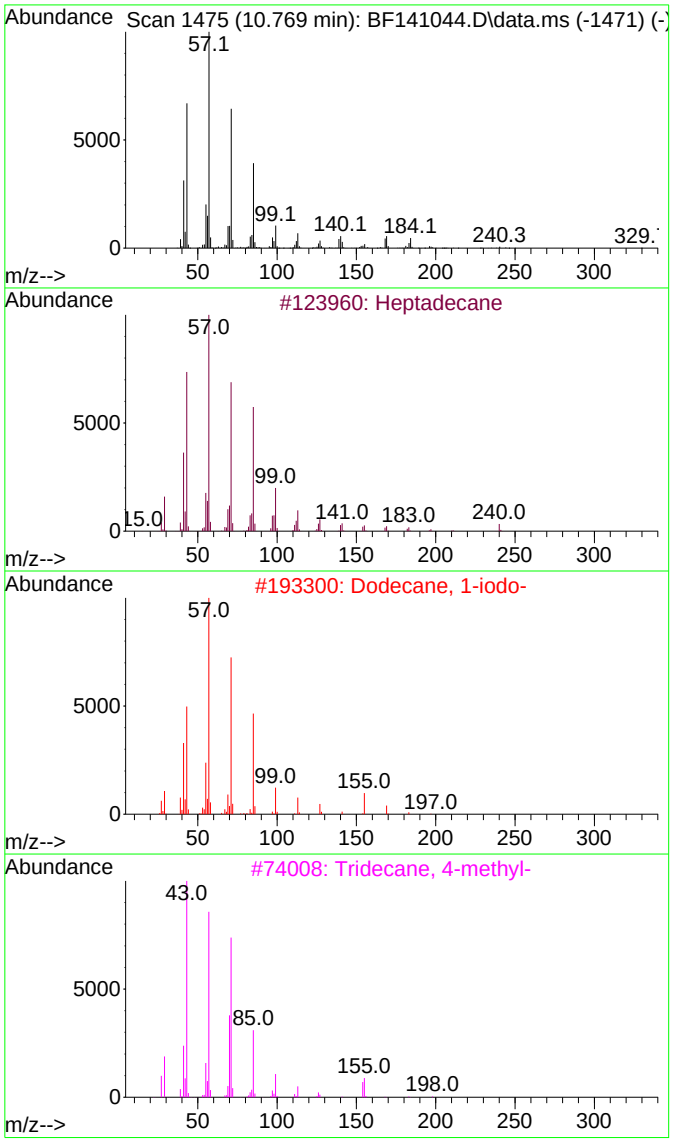
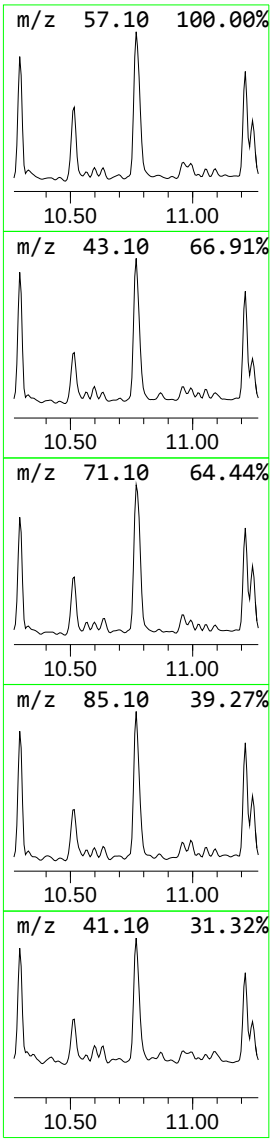
Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	13.54 ng	923443	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

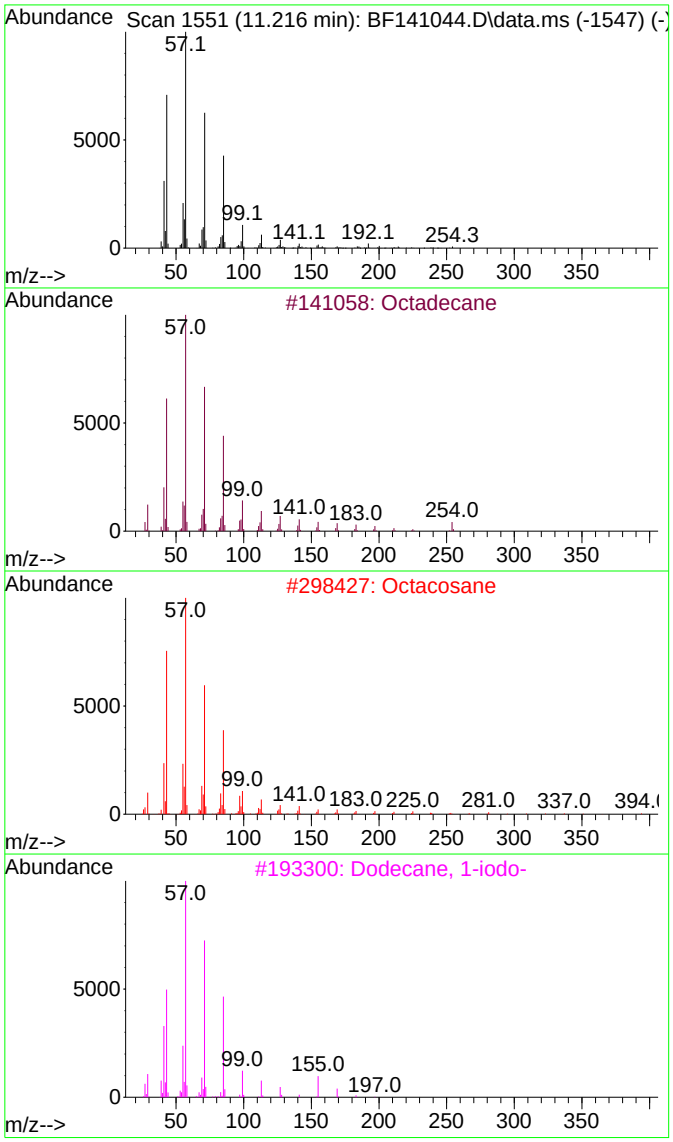
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

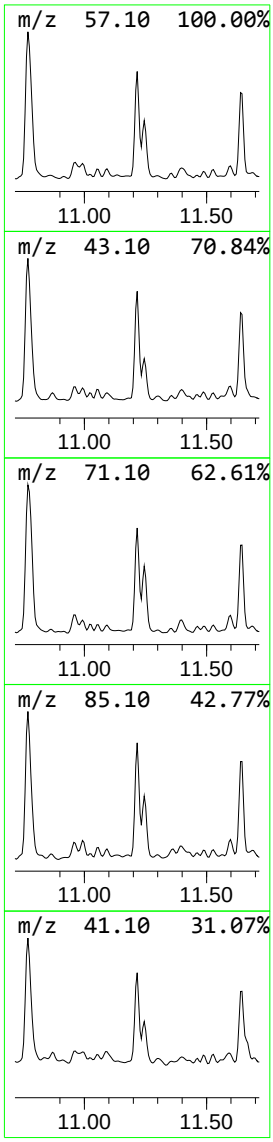
****

Peak Number 7 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	6.48 ng	441897	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

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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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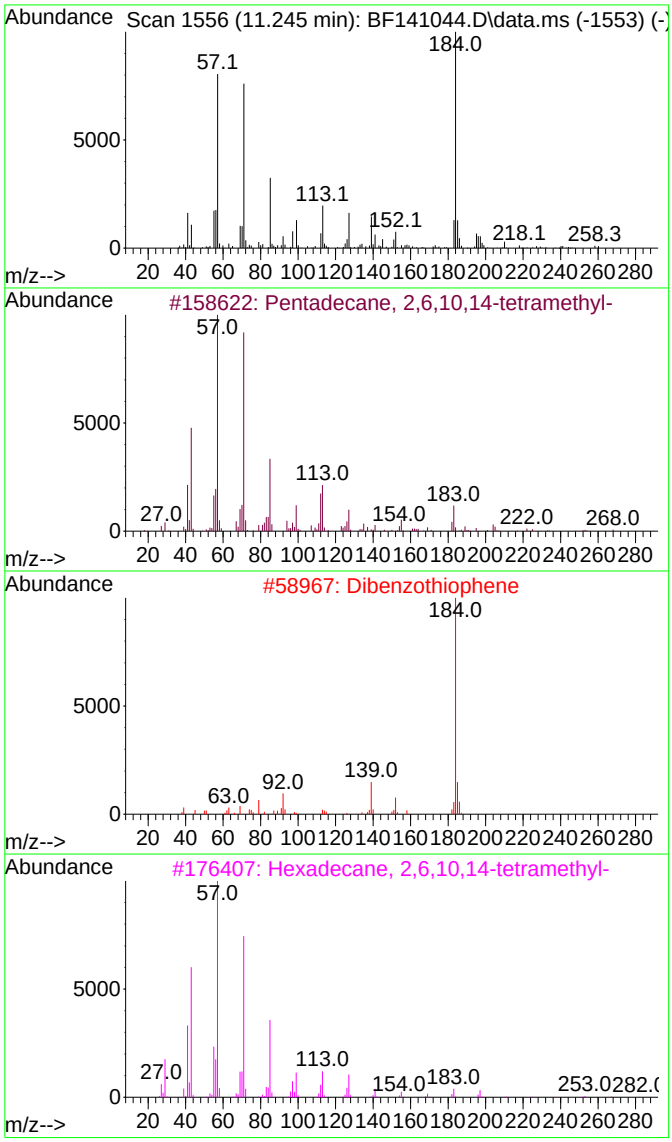
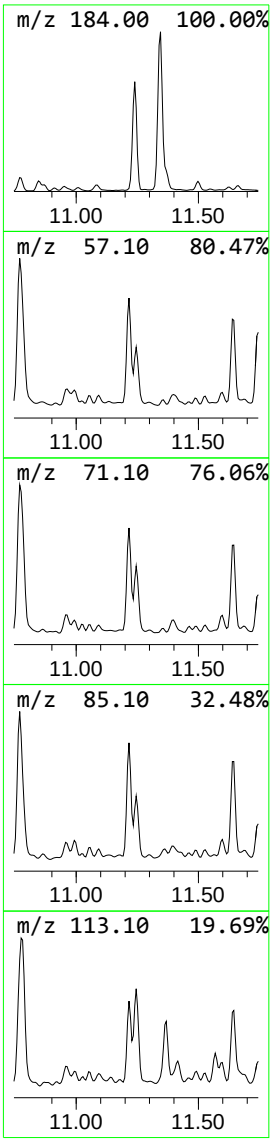
Peak Number 8 unknown11.245 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	6.17 ng	420633	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43
2	Dibenzothiophene	184	C12H8S	000132-65-0	41
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	41
4	2-(2-Methyl-4-nitro-1H-imidazol-...	184	C6H8N4O3	1000460-14-2	38
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	38





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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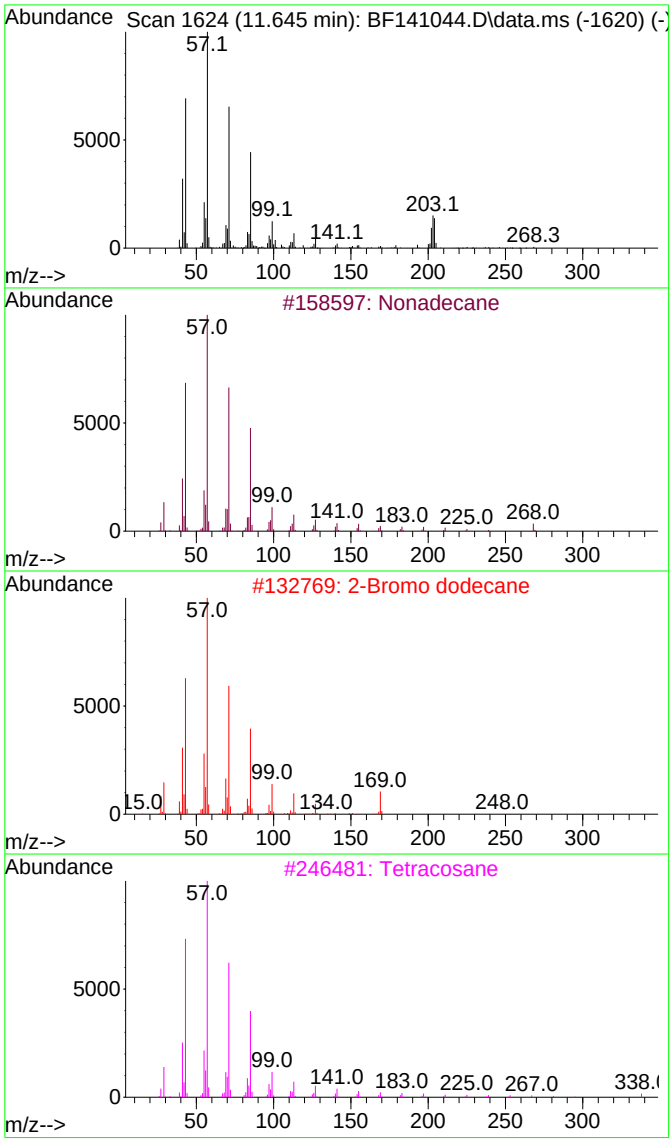
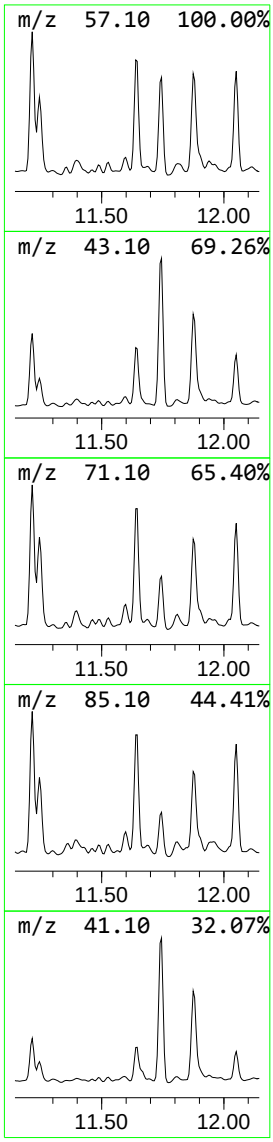
Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	7.05 ng	480949	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
3	Tetracosane	338	C24H50	000646-31-1	68
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Heneicosane	296	C21H44	000629-94-7	64





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Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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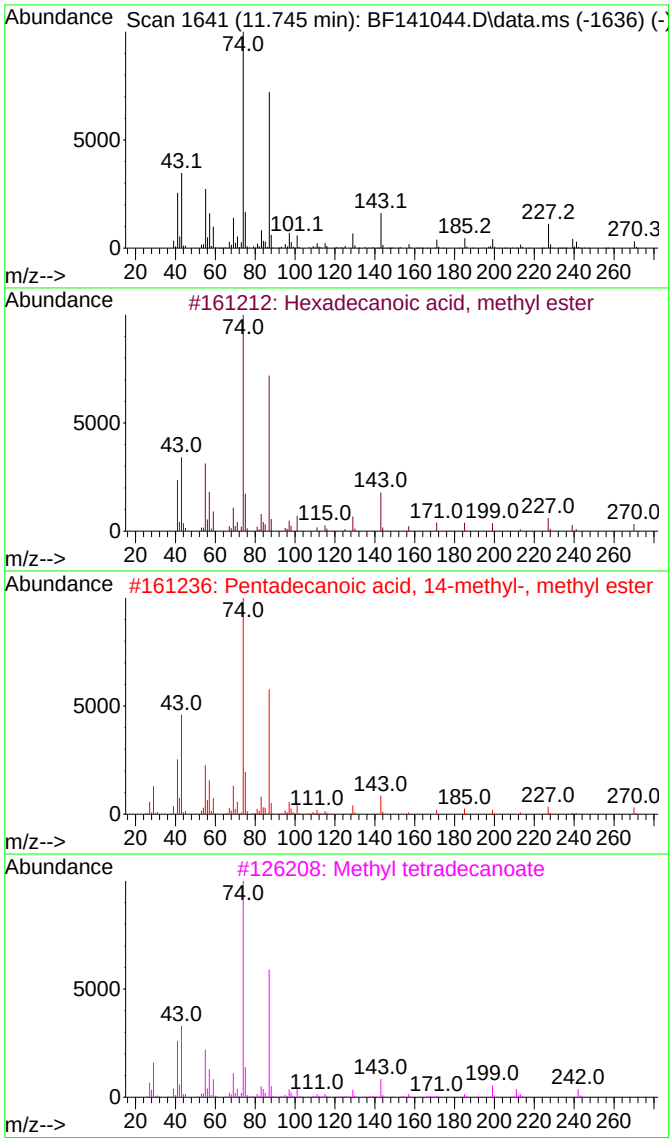
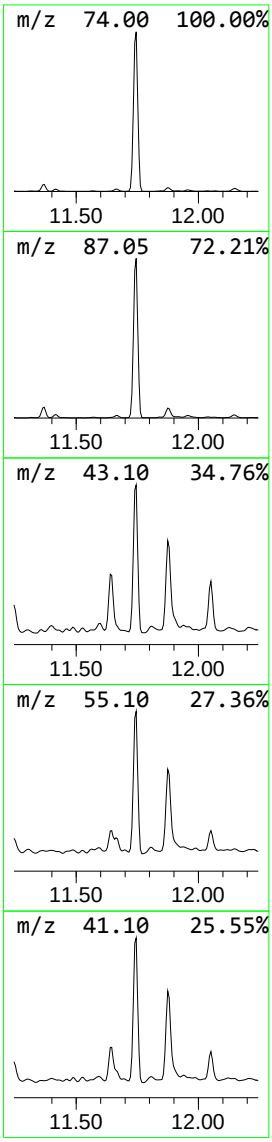
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	32.28 ng	2201080	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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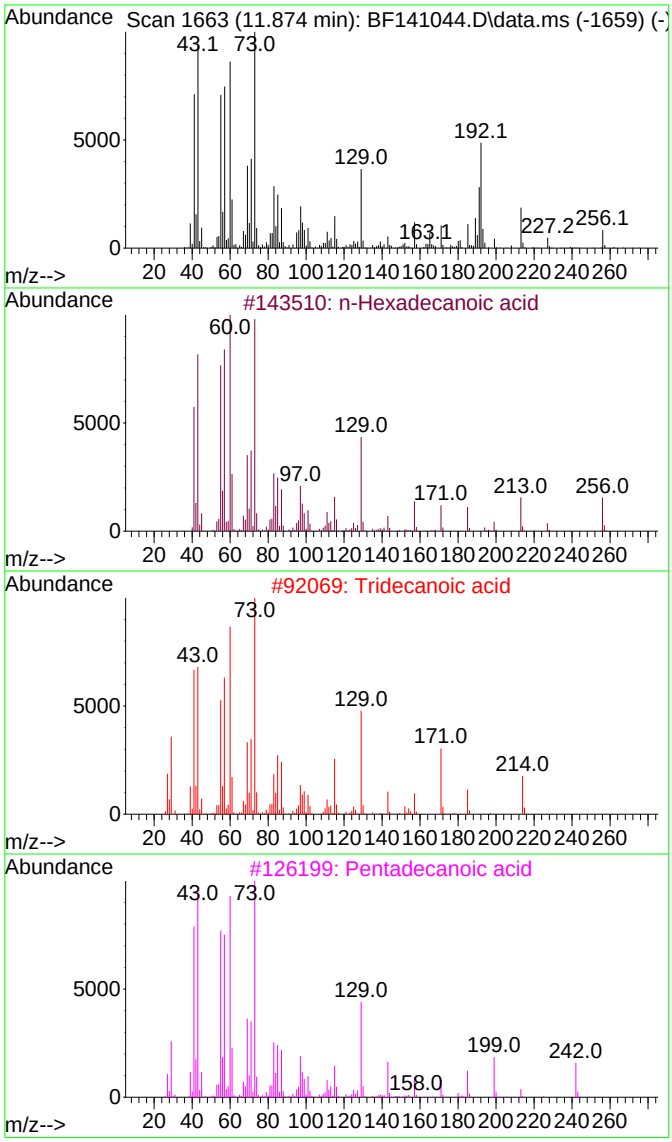
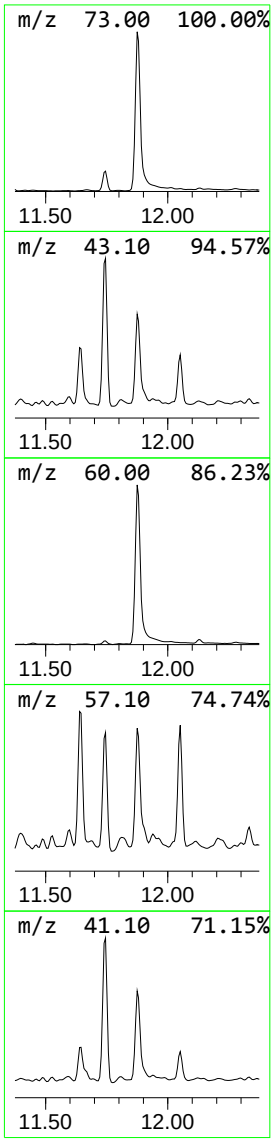
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	19.92 ng	1358490	Phenanthrene-d10	11.345

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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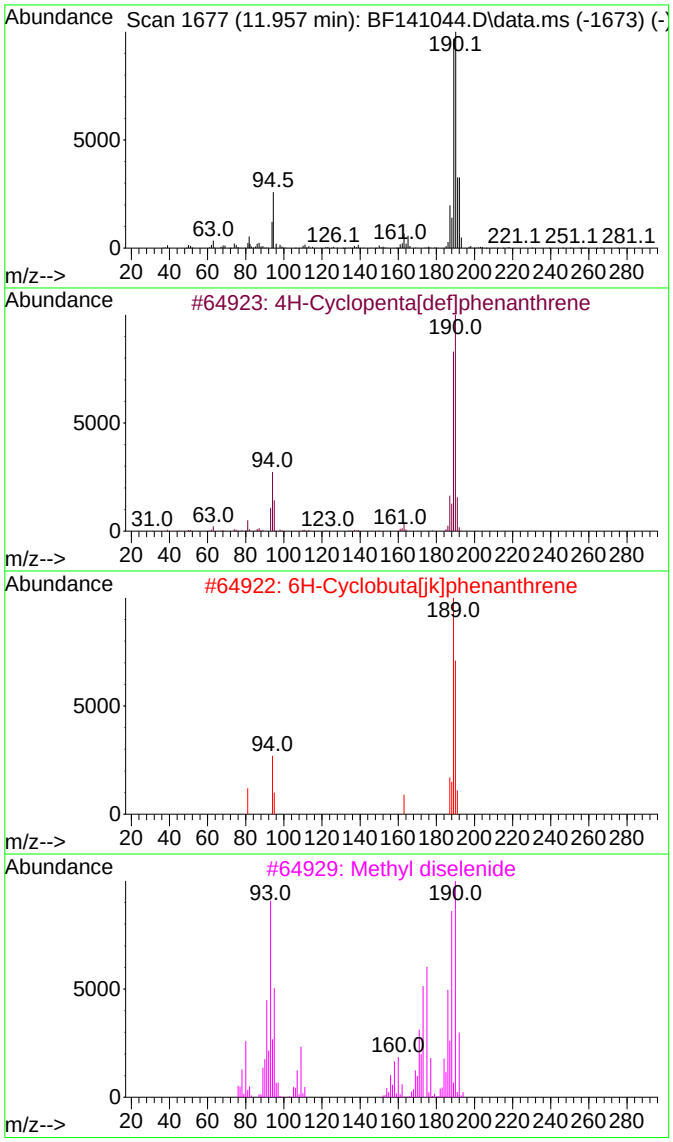
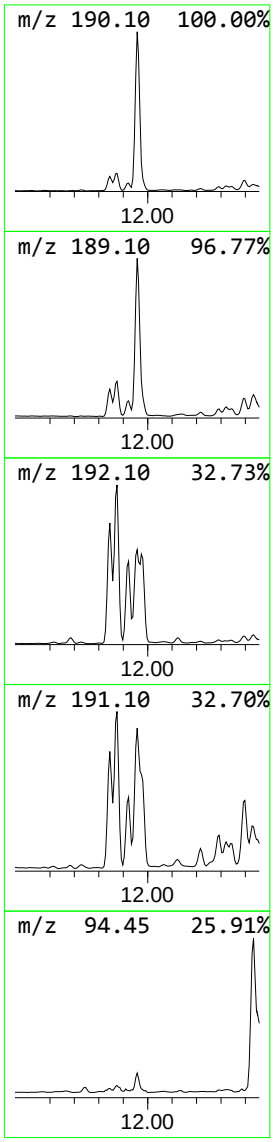
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	14.04 ng	957126	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Megastigmatrienone	190	C13H18O	038818-55-2	25





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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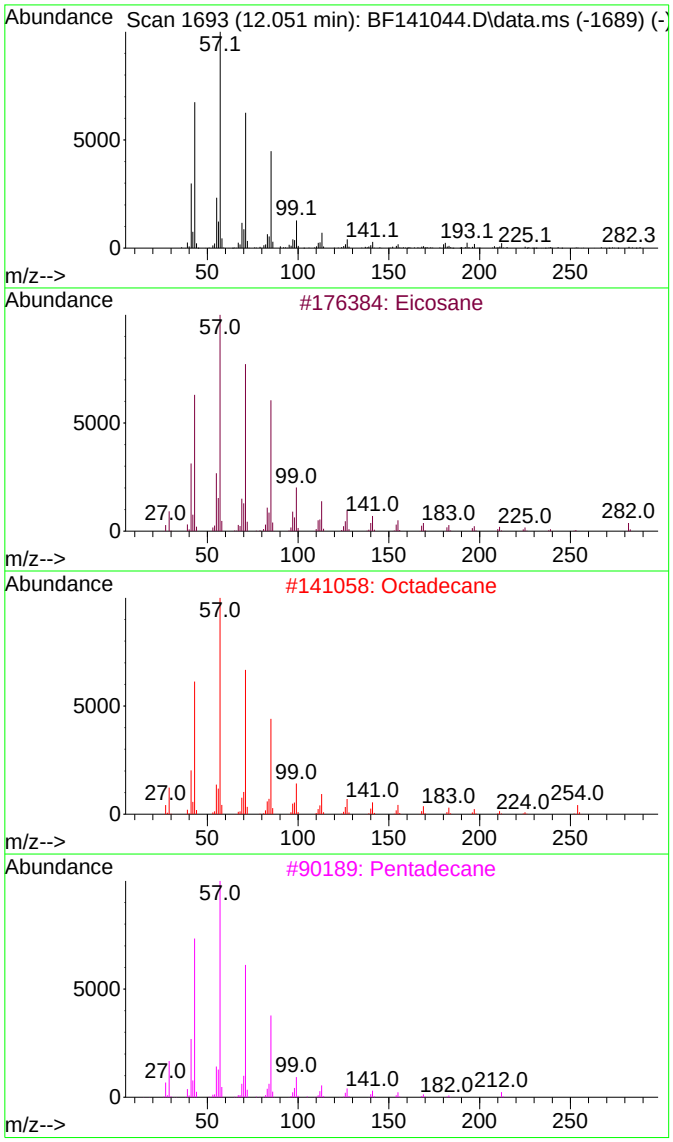
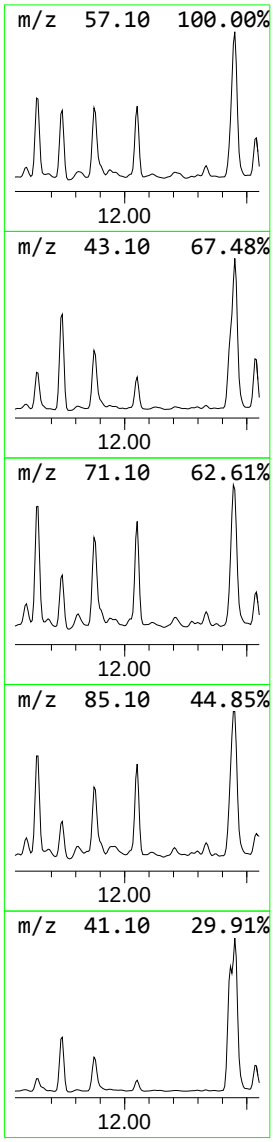
Peak Number 13 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	6.16 ng	419890	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	97
3	Pentadecane	212	C15H32	000629-62-9	95
4	Nonadecane	268	C19H40	000629-92-5	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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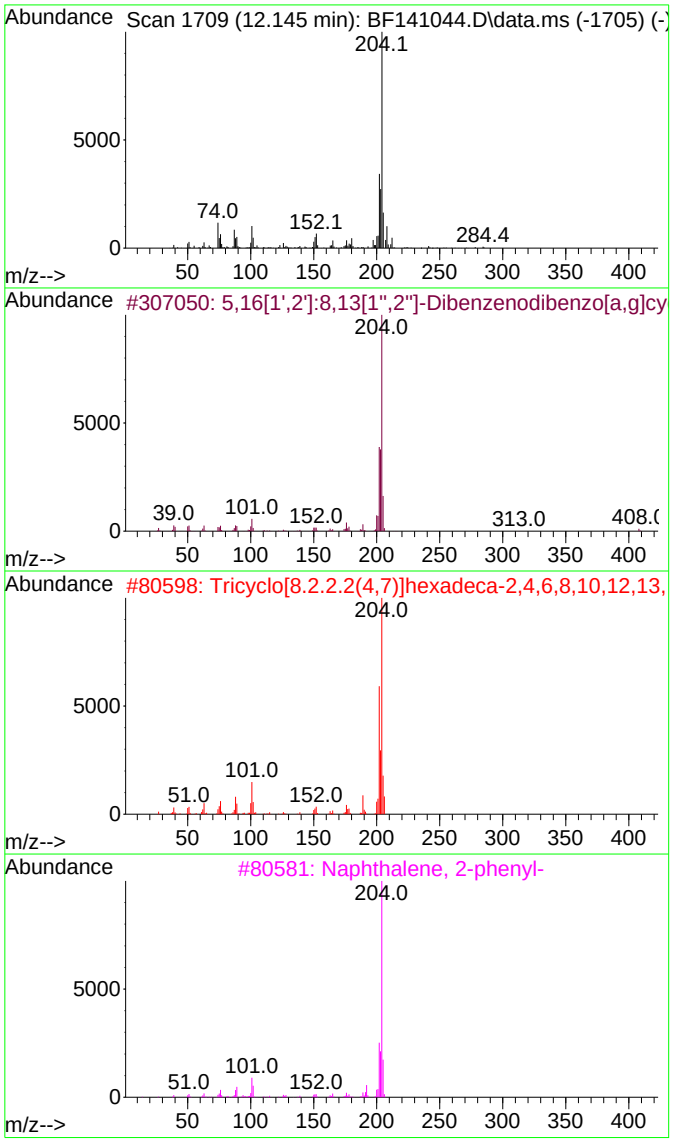
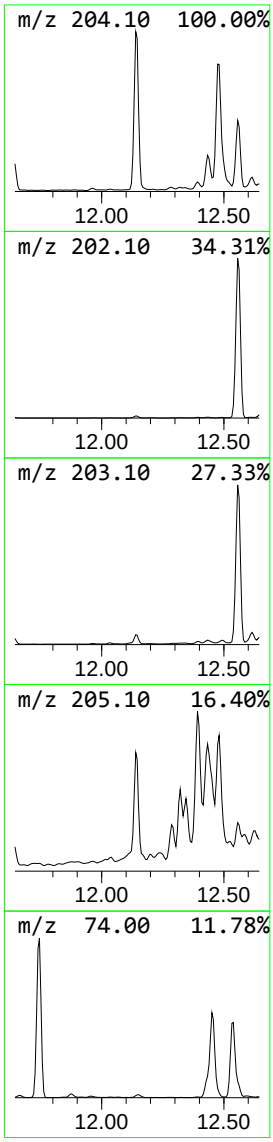
Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	5.66 ng	385834	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	53
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	52





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Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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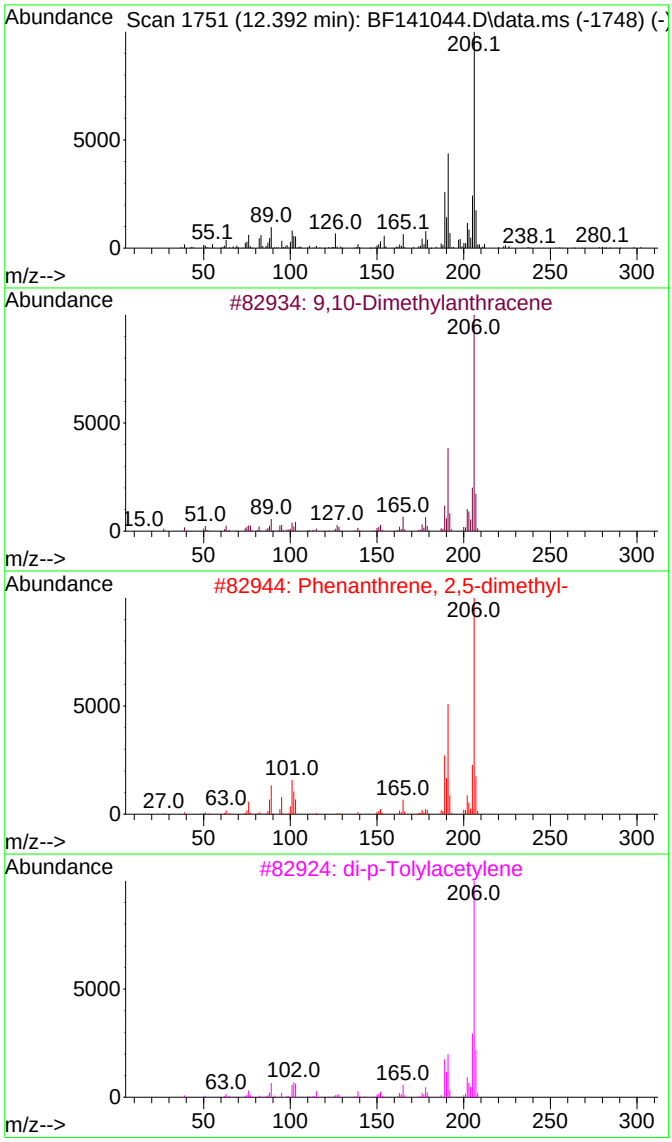
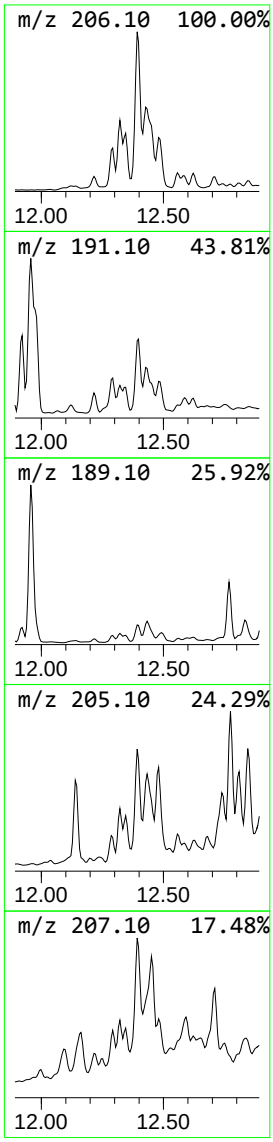
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	3.27 ng	222910	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

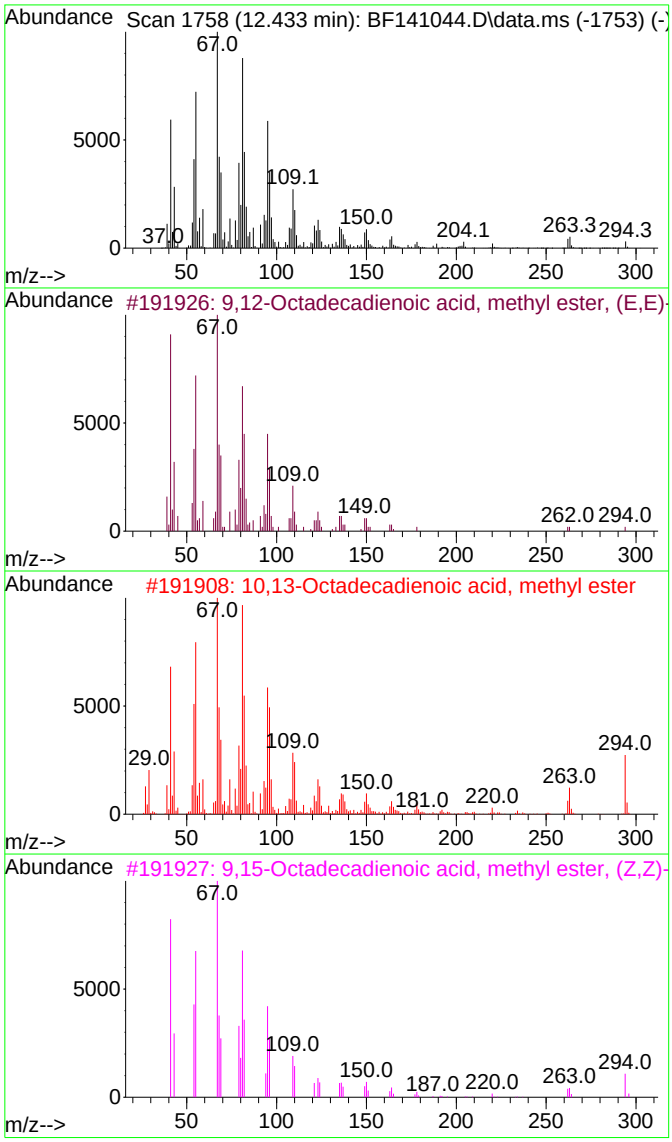
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

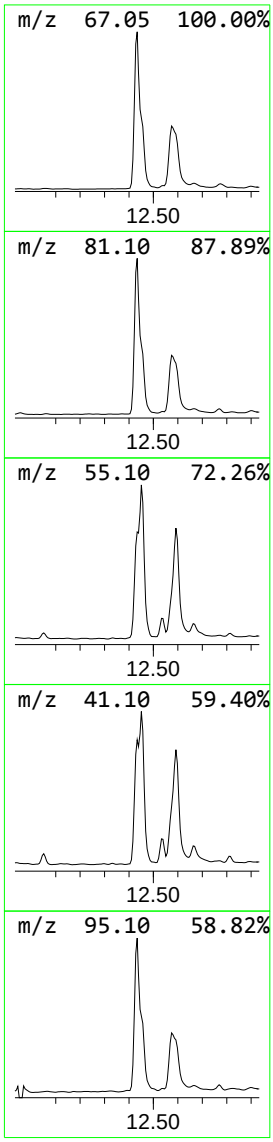
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	74.17 ng	5056820	Phenanthrene-d10	11.345

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

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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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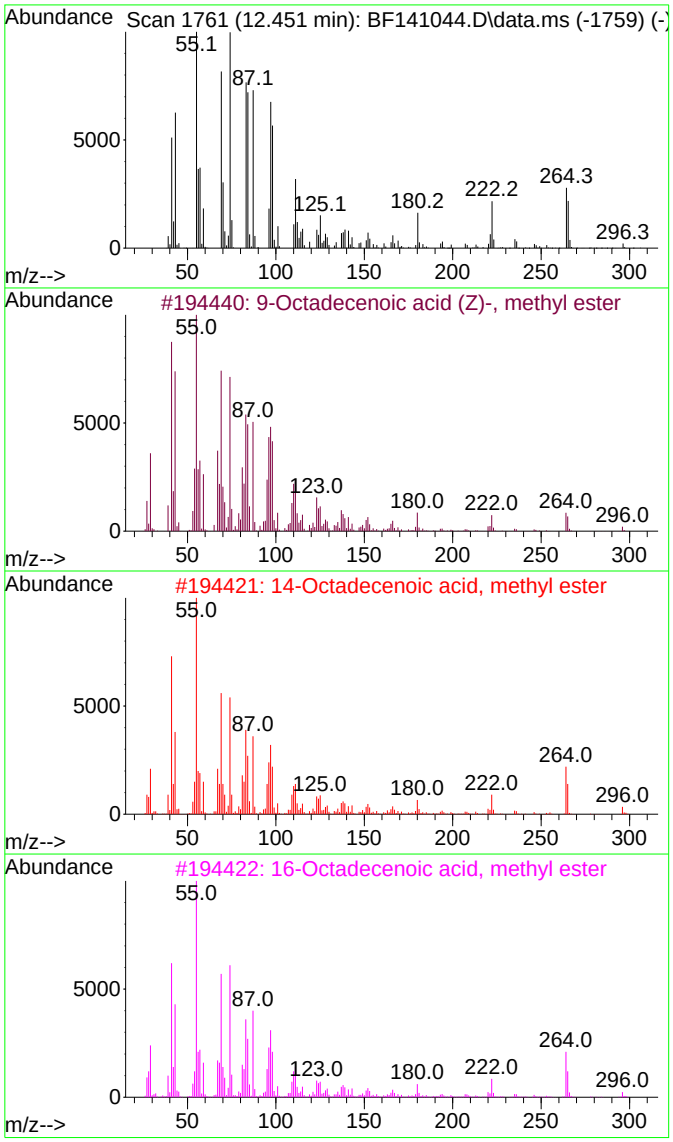
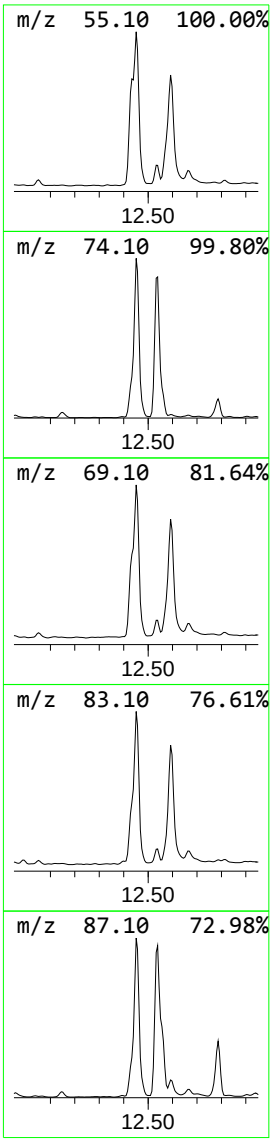
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	91.82 ng	6260530	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90





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Misc :
ALS Vial : 15 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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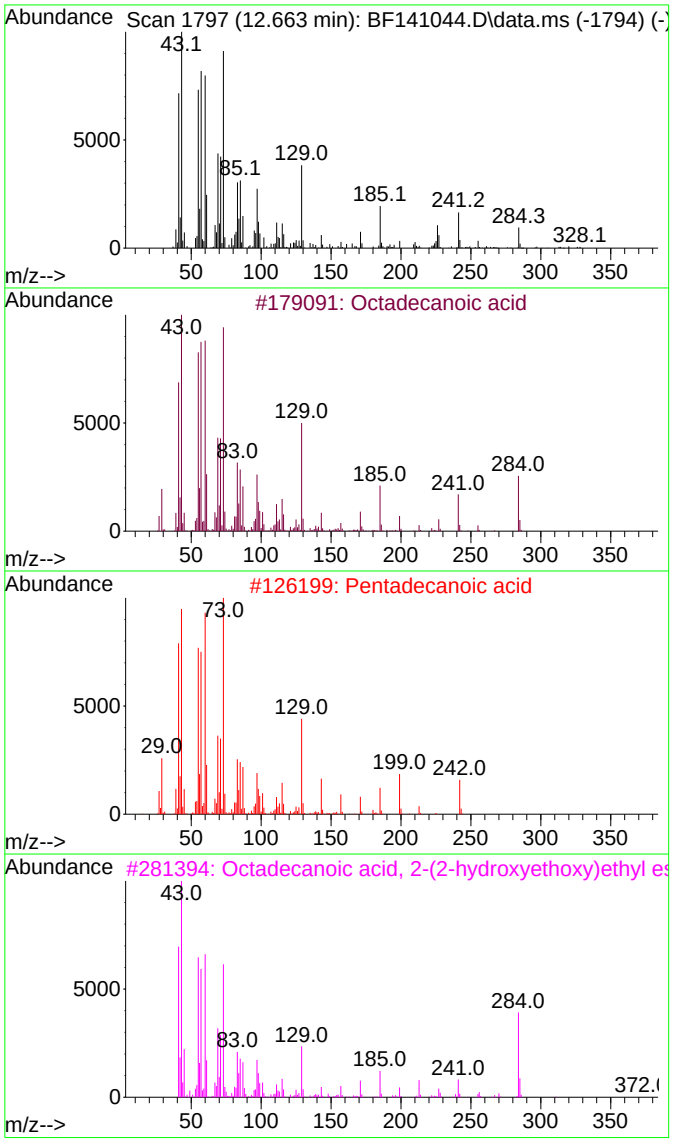
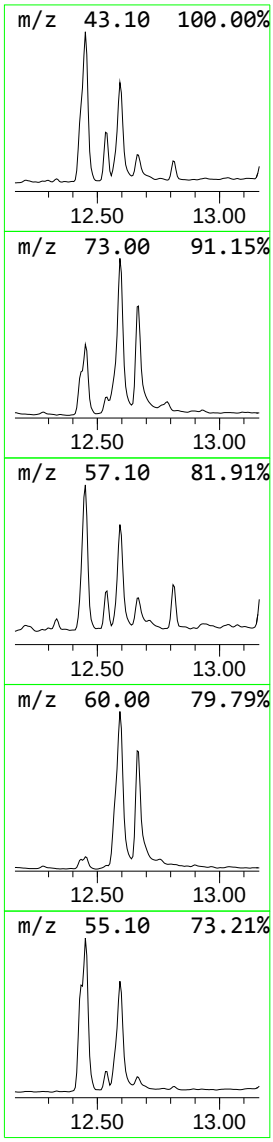
Peak Number 18 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	6.34 ng	432324	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Heneicosanoic acid	326	C21H42O2	002363-71-5	64





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Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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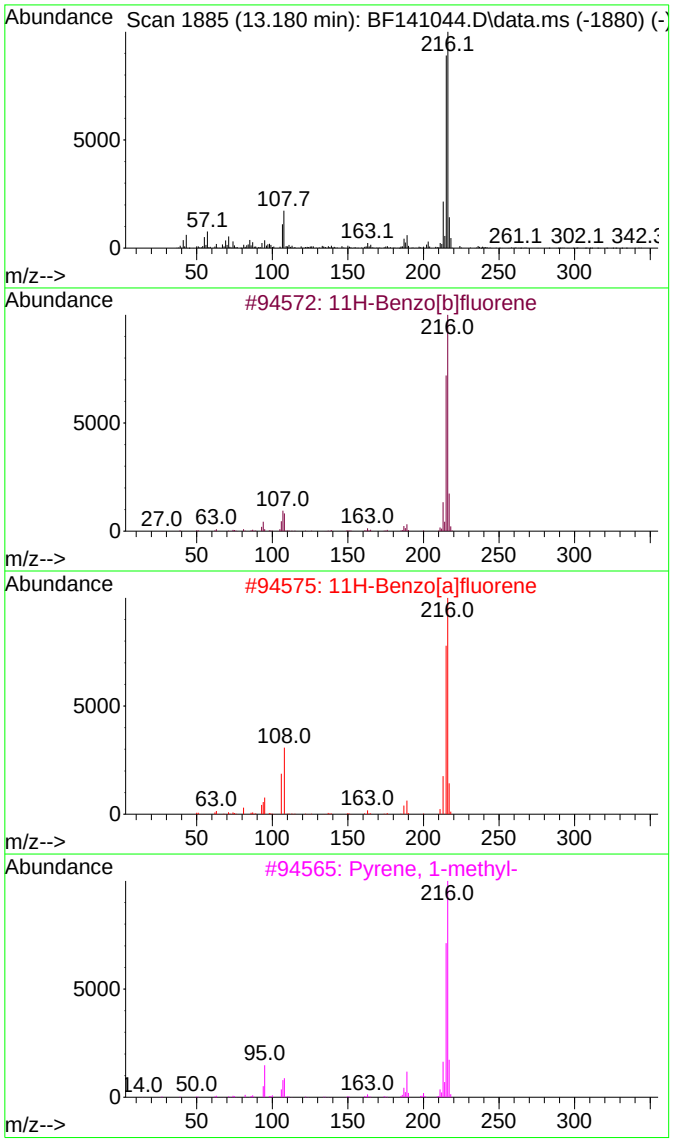
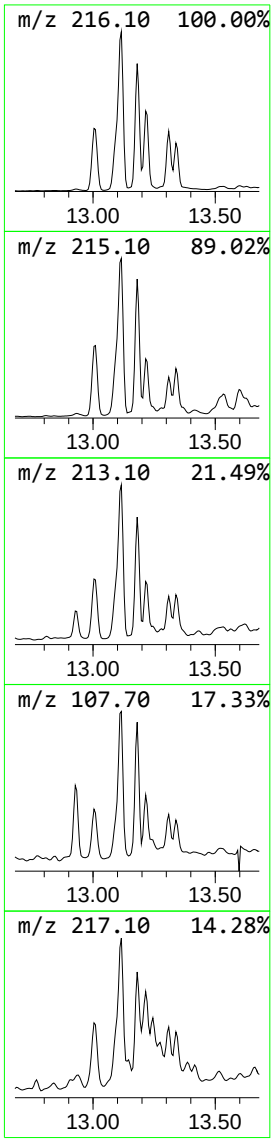
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.77 ng	798413	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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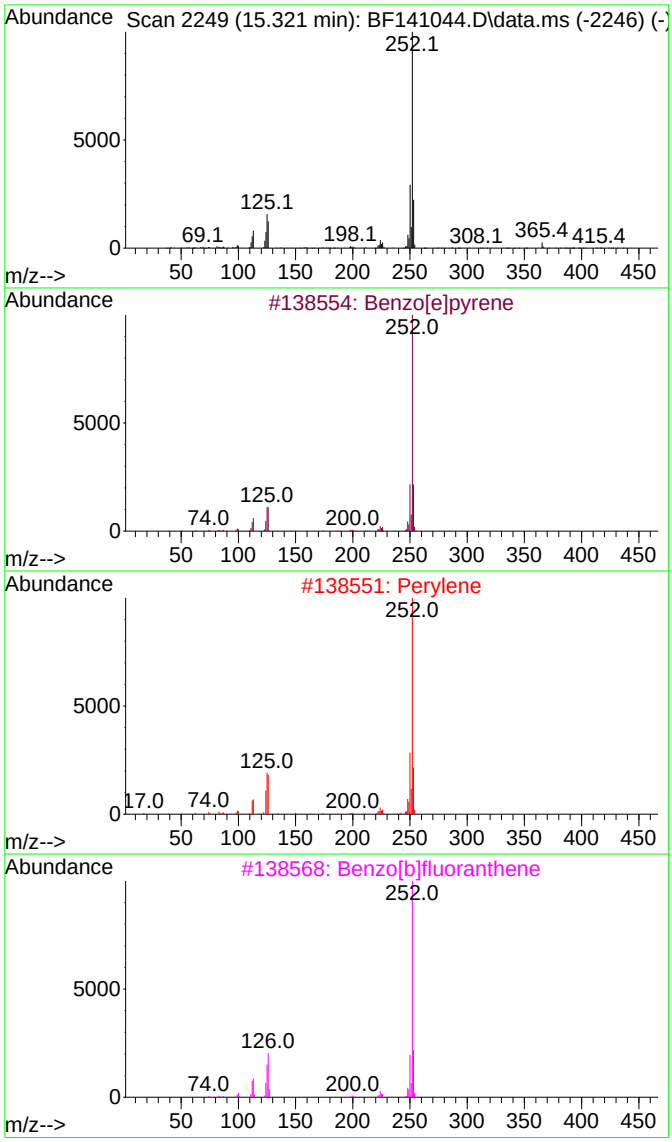
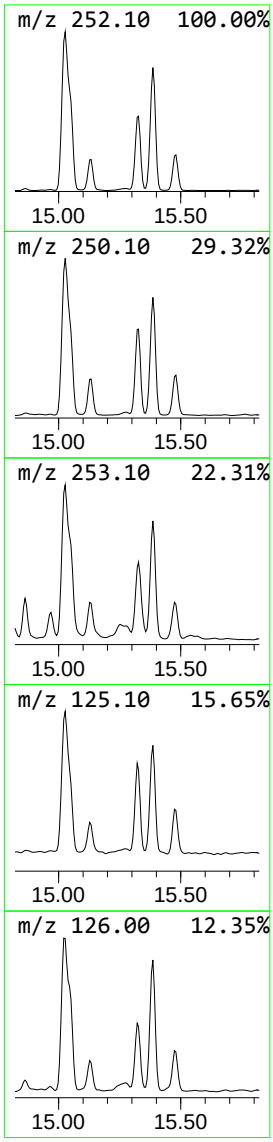
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	30.93 ng	1197030	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141044.D
Acq On : 30 Dec 2024 21:11
Operator : RC/JU
Sample : P5390-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-12272024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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
Tetradecane	9.263	5.3	ng	486124	3	9.857	1817300	20.0
2,6,10-Trimethy...	9.580	3.4	ng	305311	3	9.857	1817300	20.0
Tridecane, 1-iodo-	9.792	5.3	ng	480416	3	9.857	1817300	20.0
Pentadecane	10.292	5.8	ng	525406	3	9.857	1817300	20.0
Heptacosane	10.516	3.2	ng	289447	3	9.857	1817300	20.0
Heptadecane	10.769	13.5	ng	923443	4	11.345	1363640	20.0
Octadecane	11.216	6.5	ng	441897	4	11.345	1363640	20.0
unknown11.245	11.245	6.2	ng	420633	4	11.345	1363640	20.0
Nonadecane	11.645	7.0	ng	480949	4	11.345	1363640	20.0
Hexadecanoic ac...	11.745	32.3	ng	2201080	4	11.345	1363640	20.0
n-Hexadecanoic ...	11.874	19.9	ng	1358490	4	11.345	1363640	20.0
4H-Cyclopenta[d...	11.957	14.0	ng	957126	4	11.345	1363640	20.0
Eicosane	12.051	6.2	ng	419890	4	11.345	1363640	20.0
5,16[1',2']:8,1...	12.145	5.7	ng	385834	4	11.345	1363640	20.0
9,10-Dimethylan...	12.392	3.3	ng	222910	4	11.345	1363640	20.0
9,12-Octadecadi...	12.433	74.2	ng	5056820	4	11.345	1363640	20.0
9-Octadecenoic ...	12.451	91.8	ng	6260530	4	11.345	1363640	20.0
Octadecanoic acid	12.663	6.3	ng	432324	4	11.345	1363640	20.0
11H-Benzo[b]flu...	13.180	3.8	ng	798413	5	13.986	4233780	20.0
Benzo[e]pyrene	15.321	30.9	ng	1197030	6	15.445	774002	20.0