LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	19	rVB	197584	315274	27.35%	2.230%
2	3.969	314	319	325	rVB	8751	14420	1.25%	0.102%
3	5.493	573	578	592	rBV	230455	311217	27.00%	2.201%
4	6.422	732	736	744	rBV4	5372	14098	1.22%	0.100%
5	6.498	744	749	763	rVV	218002	310999	26.98%	2.199%
6	6.722	783	787	795	rBV6	8147	17934	1.56%	0.127%
7	6.887	810	815	820	rBV	487113	609166	52.84%	4.308%
8	7.163	855	862	865	rBV5	12599	21699	1.88%	0.153%
9	7.287	872	883	886	rBV4	19650	35877	3.11%	0.254%
10	7.445	901	910	920	rBV	142550	231923	20.12%	1.640%
11	7.534	920	925	928	rVB4	21713	32282	2.80%	0.228%
12	7.692	948	952	959	rVB3	43269	65375	5.67%	0.462%
13	7.775	959	966	967	rBV4	10156	18057	1.57%	0.128%
14	7.816	969	973	977	rVB2	24296	35123	3.05%	0.248%
15	8.040	1008	1011	1014	rBV2	14204	16465	1.43%	0.116%
16	8.075	1014	1017	1021	rVB3	14095	16327	1.42%	0.115%
17	8.169	1021	1033	1040	rBV	568301	826198	71.67%	5.843%
18	8.257	1045	1048	1054	rVB6	10143	14880	1.29%	0.105%
19	8.345	1059	1063	1065	rVV2	14087	20469	1.78%	0.145%
20	8.369	1065	1067	1071	rVB3	17976	18974	1.65%	0.134%
21	8.416	1071	1075	1078	rBV4	9653	13861	1.20%	0.098%
22	8.457	1078	1082	1086	rBV5	29410	42337	3.67%	0.299%
23	8.551	1095	1098	1102	rVB3	17987	21653	1.88%	0.153%
24	8.610	1105	1108	1110	rBV3	12639	12800	1.11%	0.091%
25	8.675	1115	1119	1123	rBV2	36941	50116	4.35%	0.354%
26	8.757	1129	1133	1136	rBV2	29528	40012	3.47%	0.283%
27	8.792	1137	1139	1142	rVV3	9904	13475	1.17%	0.095%
28	8.881	1152	1154	1158	rVB	24246	24232	2.10%	0.171%
29	8.922	1158	1161	1163	rBV3	12582	15544	1.35%	0.110%
30	8.987	1167	1172	1176	rBV2	54072	86123	7.47%	0.609%
31	9.116	1191	1194	1199	rVB5	14597	27065	2.35%	0.191%
32	9.187	1203	1206	1211	rVV4	18147	26764	2.32%	0.189%
33	9.239	1211	1215	1220	rVB	245225	302621	26.25%	2.140%
34	9.322	1225	1229	1233	rBV	58640	75497	6.55%	0.534%
35	9.392	1238	1241	1245	rVB	23563	28303	2.46%	0.200%
36	9.504	1256	1260	1266	rVB4	28319	48248	4.19%	0.341%

LSC Area Percent Report

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Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.581	1266	1273	1275	rBV3	45006	88521	7.68%	0.626%
38	9.639	1280	1283	1286	rBV3	37286	47837	4.15%	0.338%
39	9.698	1291	1293	1298	rVB2	36763	46621	4.04%	0.330%
40	9.786	1304	1308	1312	rBV	70353	98902	8.58%	0.699%
41	9.851	1315	1319	1323	rVB	71069	91806	7.96%	0.649%
42	9.922	1326	1331	1335	rBV	503379	635027	55.09%	4.491%
43	10.028	1346	1349	1353	rVB3	15820	20154	1.75%	0.143%
44	10.175	1370	1374	1378	rVB3	25128	36450	3.16%	0.258%
45	10.239	1382	1385	1388	rBV4	24783	36640	3.18%	0.259%
46	10.351	1400	1404	1408	rBV	96150	112908	9.79%	0.798%
47	10.469	1420	1424	1431	rBV	69207	108169	9.38%	0.765%
48	10.569	1437	1441	1447	rVB	53697	89212	7.74%	0.631%
49	10.628	1448	1451	1455	rBV	46260	61651	5.35%	0.436%
50	10.710	1460	1465	1470	rVV	123890	169890	14.74%	1.201%
51	10.828	1480	1485	1493	rVB	145007	249117	21.61%	1.762%
52	11.016	1514	1517	1520	rBV3	38269	55398	4.81%	0.392%
53	11.275	1557	1561	1563	rBV	103298	131944	11.45%	0.933%
54	11.304	1563	1566	1572	rVB	93444	132957	11.53%	0.940%
55	11.410	1579	1584	1586	rBV	534165	700745	60.79%	4.956%
56	11.433	1586	1588	1593	rVV	489662	562327	48.78%	3.977%
57	11.486	1593	1597	1600	rVB	122517	151083	13.11%	1.068%
58	11.645	1621	1624	1629	rVB3	30724	50361	4.37%	0.356%
59	11.698	1630	1633	1637	rBV2	105285	129293	11.22%	0.914%
60	11.910	1666	1669	1671	rBV	88058	113132	9.81%	0.800%
61	11.939	1671	1674	1679	rVV	134715	177701	15.42%	1.257%
62	11.986	1679	1682	1685	rVV	41640	54479	4.73%	0.385%
63	12.022	1685	1688	1697	rVB	189667	347944	30.18%	2.461%
64	12.110	1699	1703	1706	rBV	87292	108862	9.44%	0.770%
65	12.210	1716	1720	1722	rBV	51610	71317	6.19%	0.504%
66	12.386	1748	1750	1757	rVB2	37851	63464	5.51%	0.449%
67	12.463	1759	1763	1765	rBV	72597	94878	8.23%	0.671%
68	12.498	1765	1769	1774	rVB2	118365	171861	14.91%	1.215%
69	12.622	1786	1790	1795	rBV	758429	1001353	86.87%	7.082%
70	12.851	1823	1829	1835	rBV	719088	1152754	100.00%	8.152%
71	12.992	1849	1853	1860	rVB	269999	386971	33.57%	2.737%
72	13.180	1882	1885	1889	rVB	129631	163385	14.17%	1.155%
73	13.245	1894	1896	1899	rVV	116631	128003	11.10%	0.905%
74	13.286	1900	1903	1910	rVB2	81799	122444	10.62%	0.866%
75	14.045	2027	2032	2036	rBV2	618960	1072216	93.01%	7.583%
76	15.098	2206	2211	2220	rBV	231696	560618	48.63%	3.965%

LSC Area Percent Report

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Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.463	2270	2273	2279	rVB	173276	255335	22.15%	1.806%
78	15.527	2280	2284	2296	rVB2	249807	510984	44.33%	3.614%

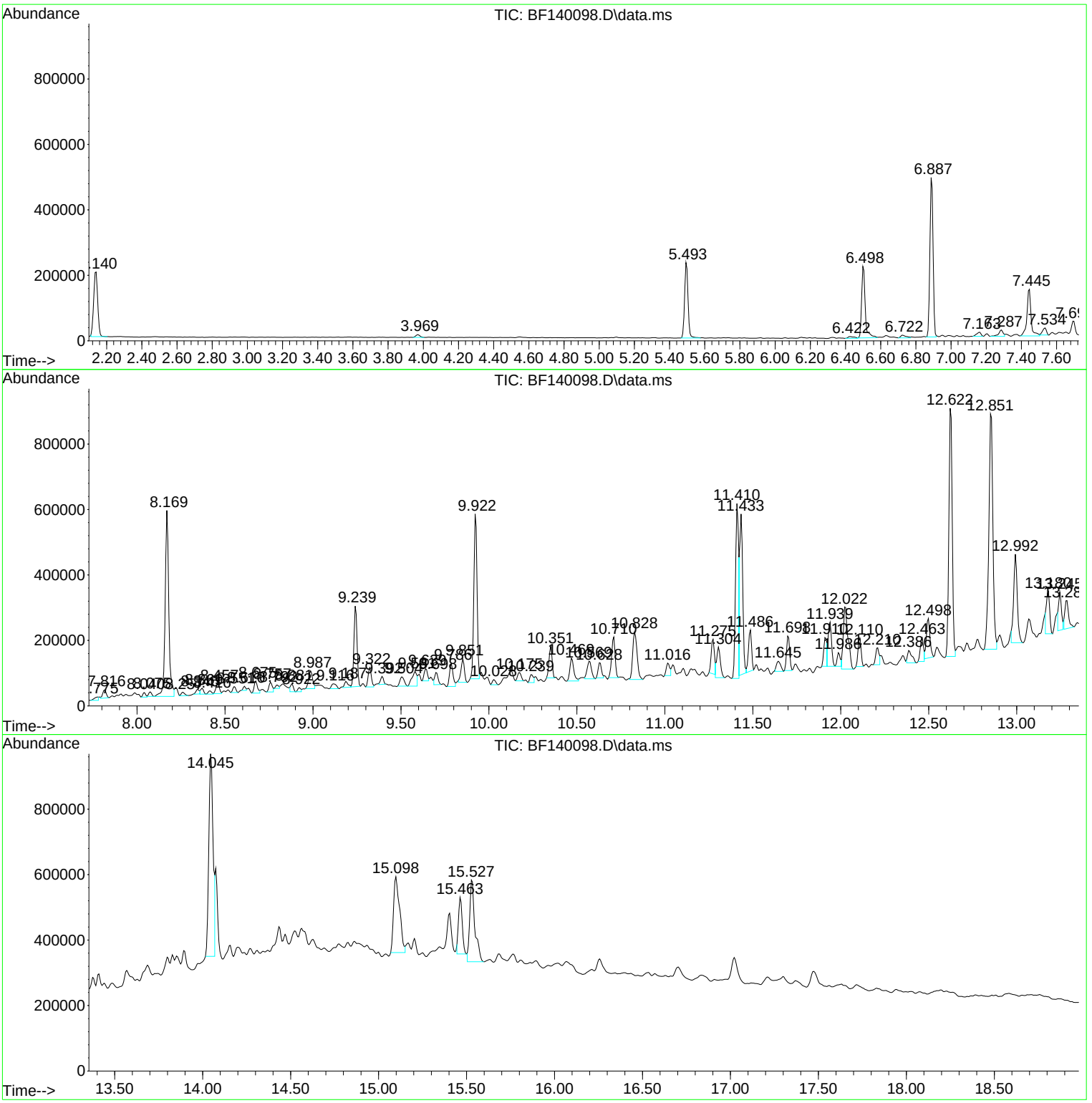
Sum of corrected areas: 14140122

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

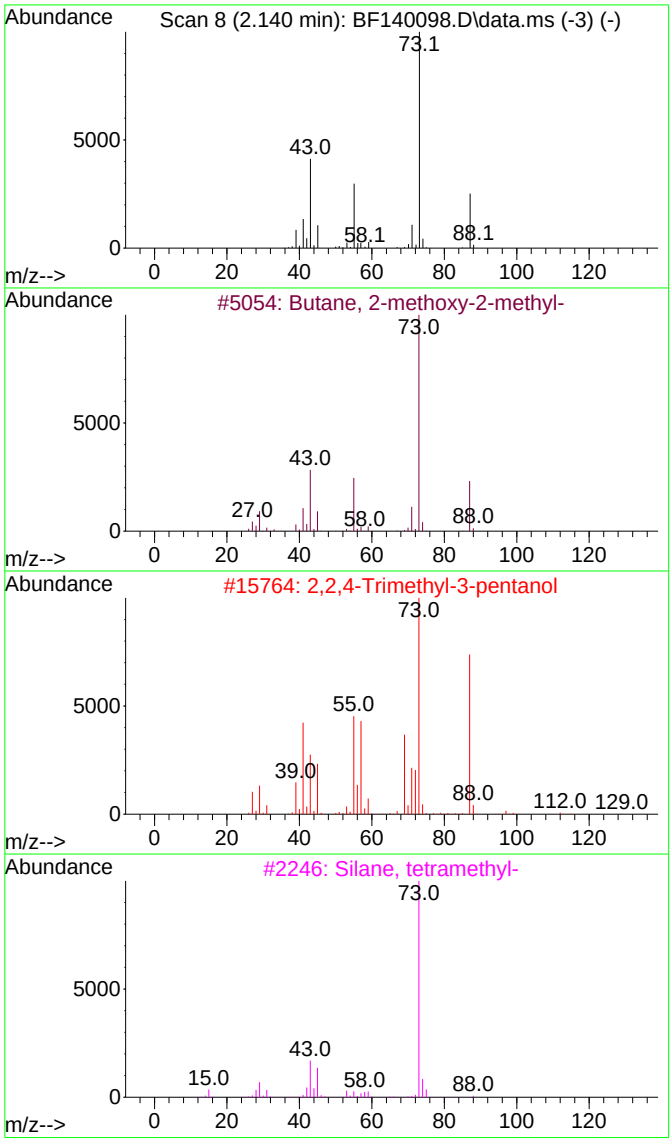
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

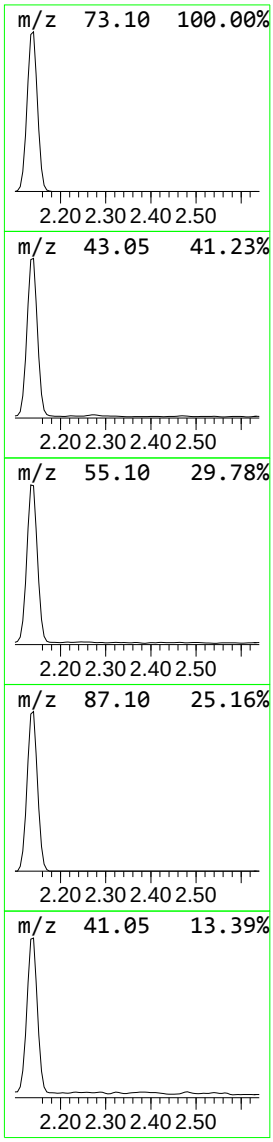
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	10.35 ng	315274	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

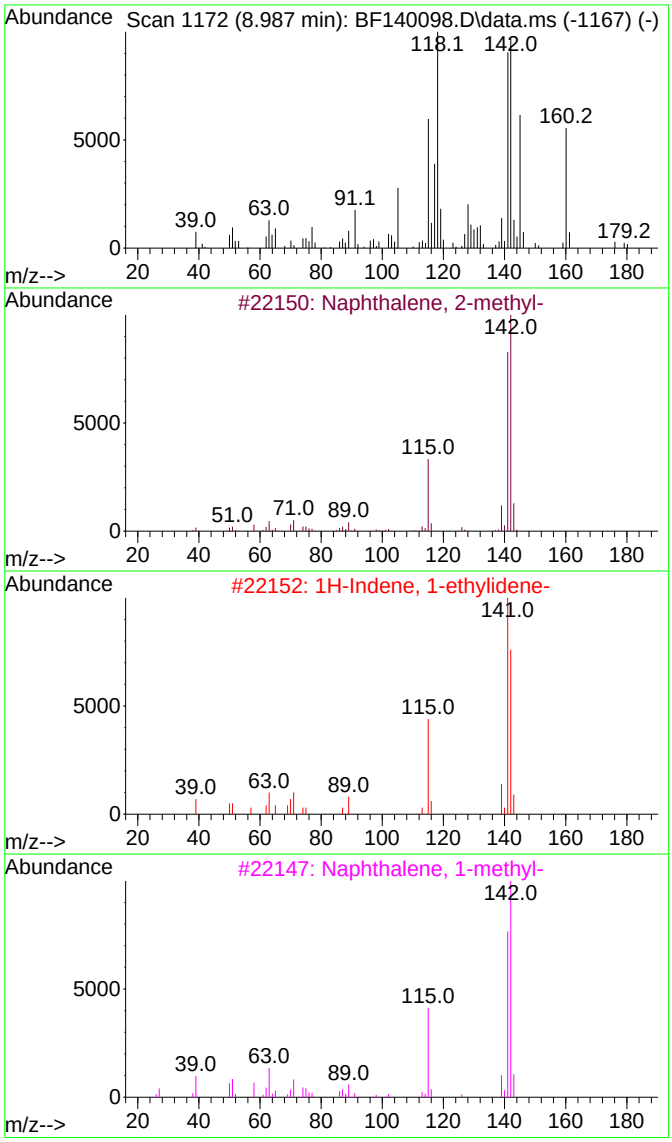
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

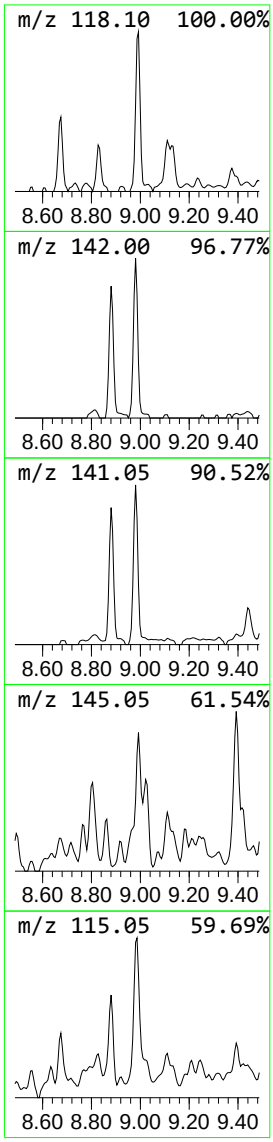
****

Peak Number 2 Naphthalene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	2.08 ng	86123	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
4	Benzocycloheptatriene	142	C11H10	000264-09-5	84
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

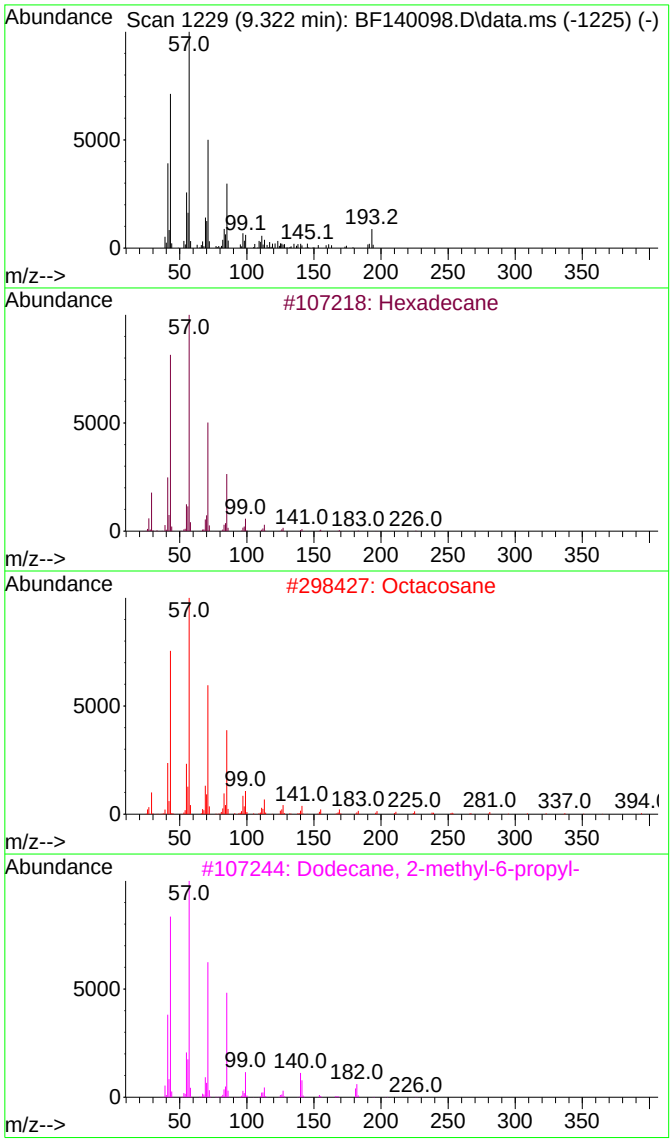
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

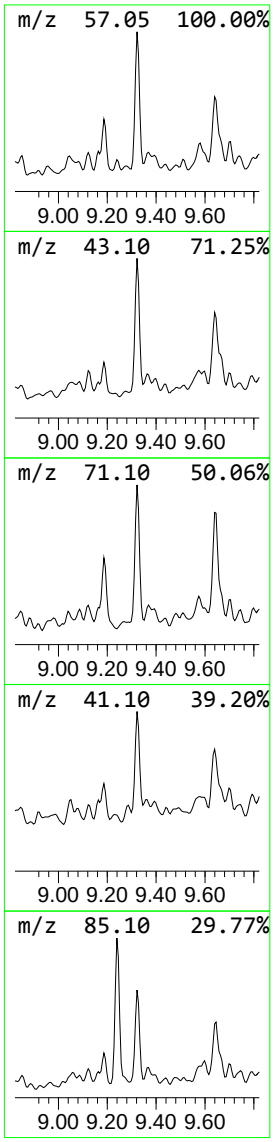
****

Peak Number 3 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	2.38 ng	75497	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Octacosane	394	C28H58	000630-02-4	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
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Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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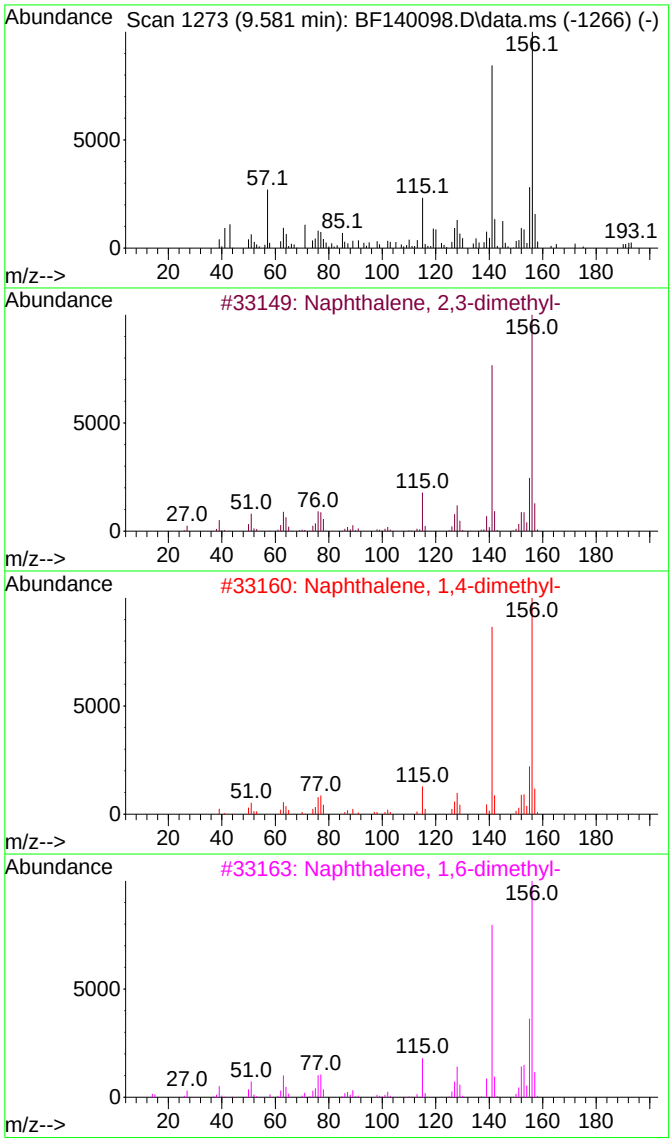
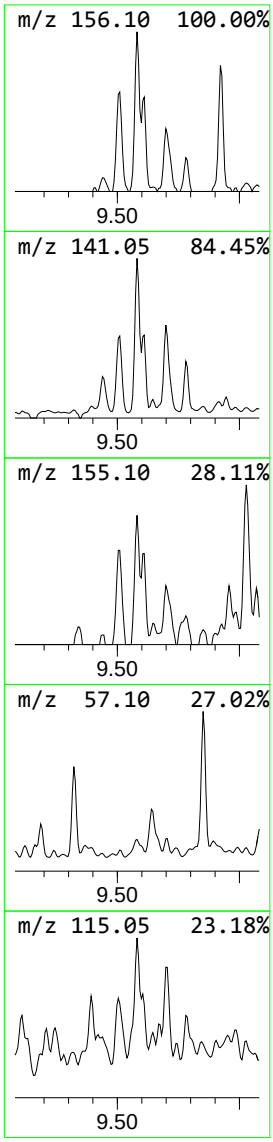
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	2.79 ng	88521	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

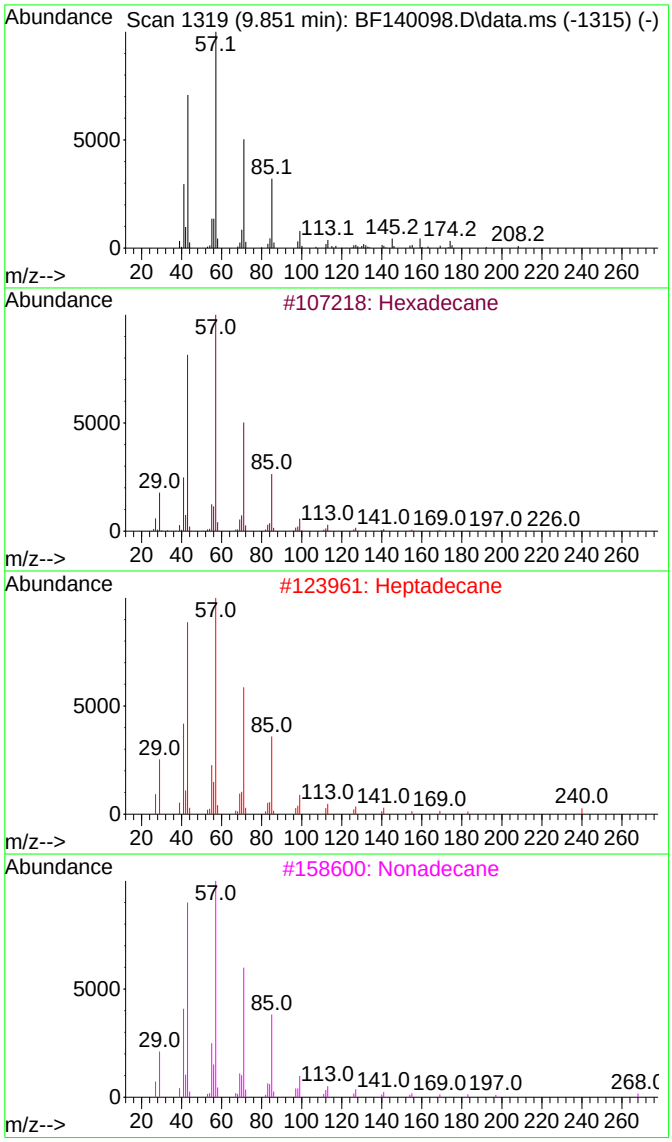
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

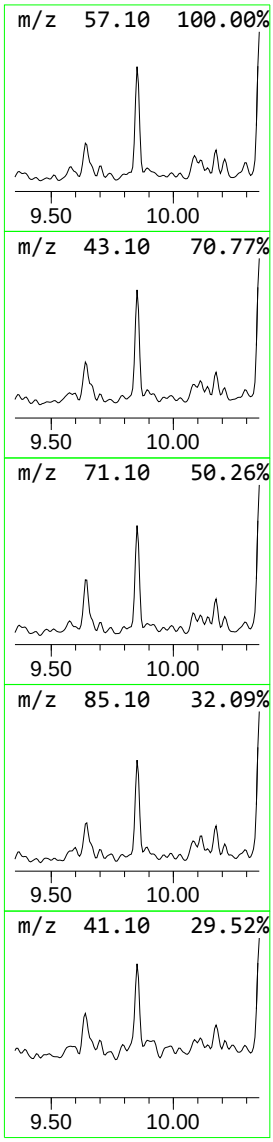
****

Peak Number 5 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.89 ng	91806	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

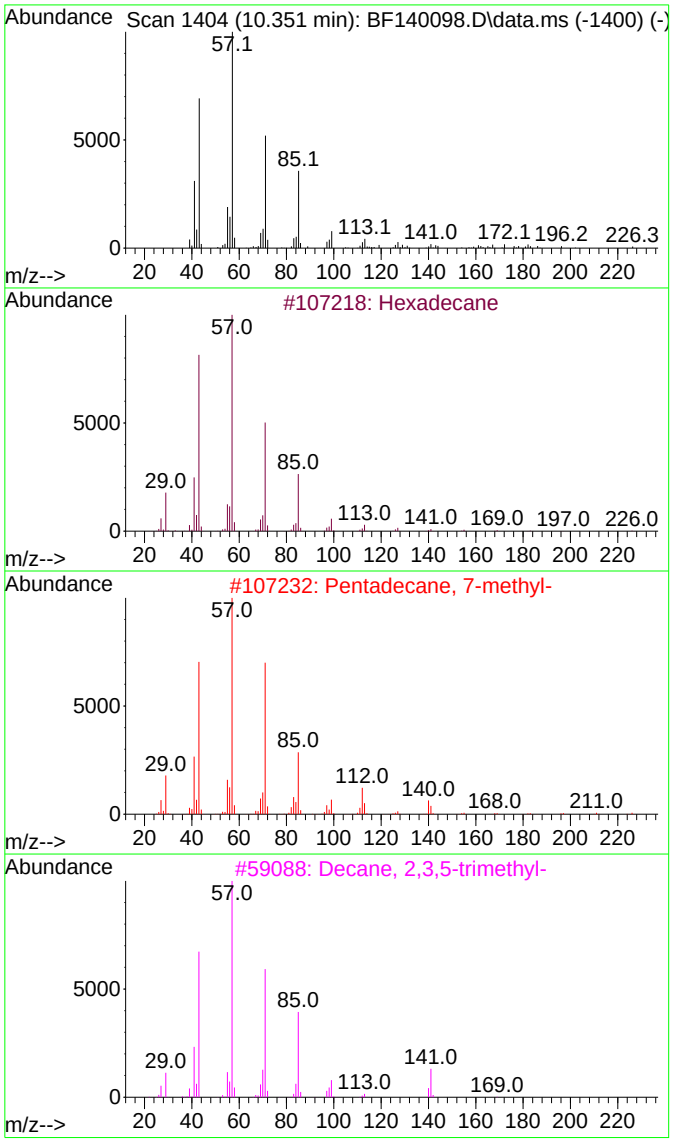
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

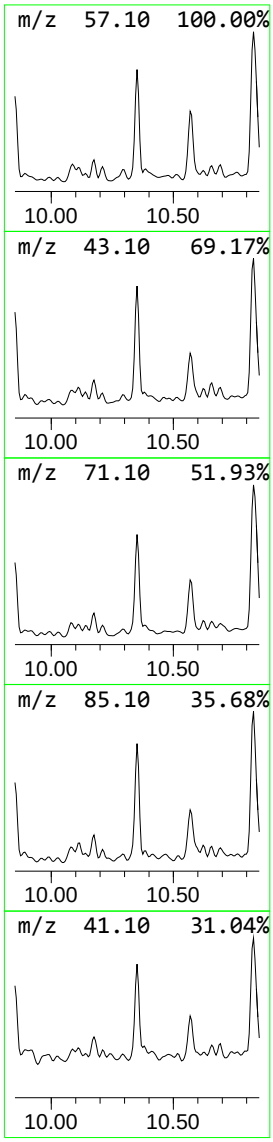
****

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	3.56 ng	112908	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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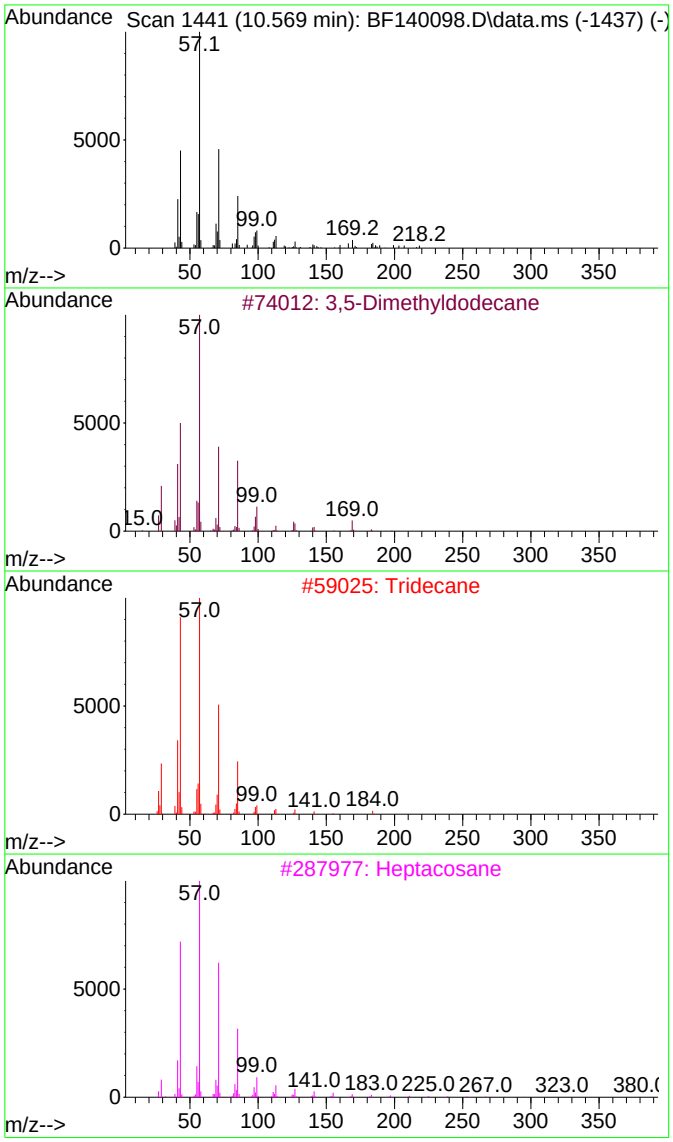
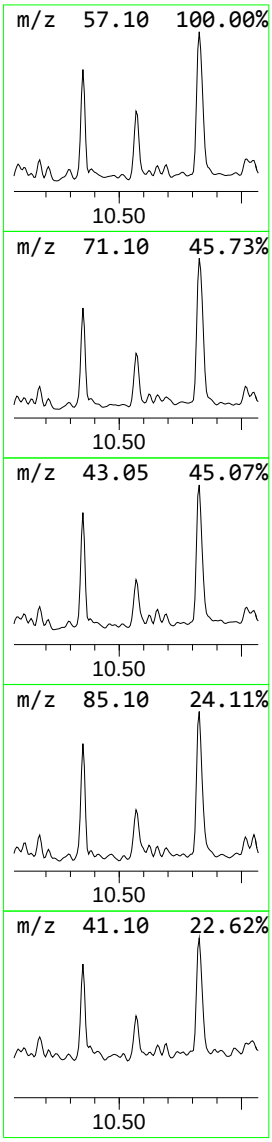
Peak Number 7 3,5-Dimethyldodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	2.81 ng	89212	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
5	Tetradecane	198	C14H30	000629-59-4	64





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Sample : P4575-01 5X
Misc :
ALS Vial : 25 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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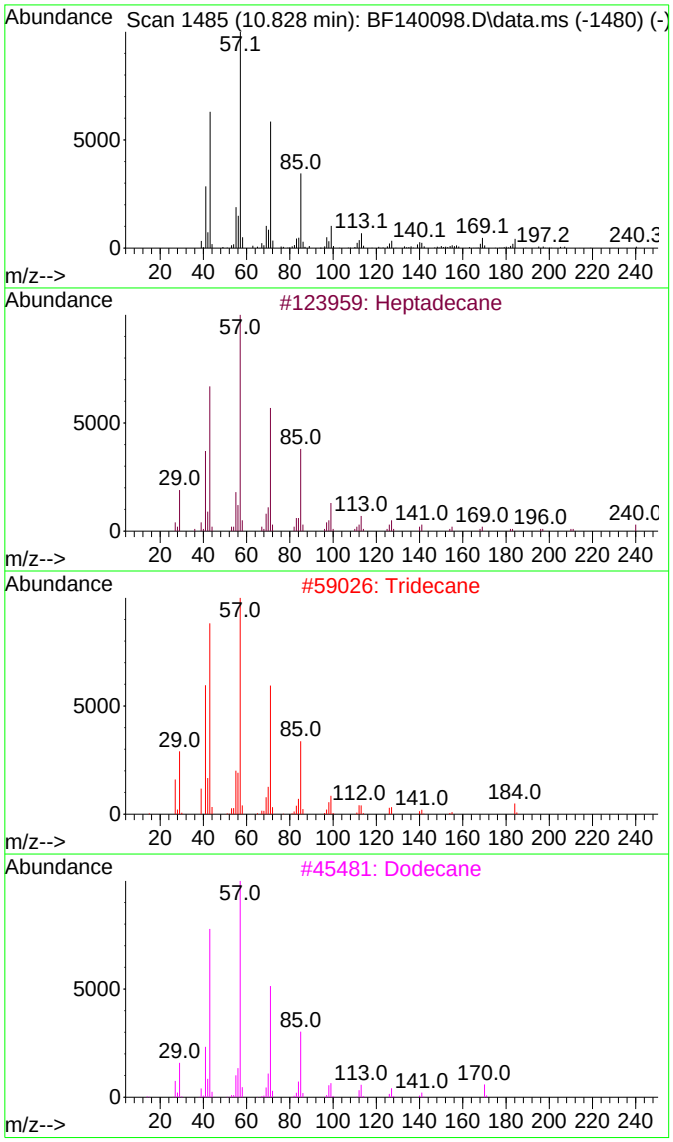
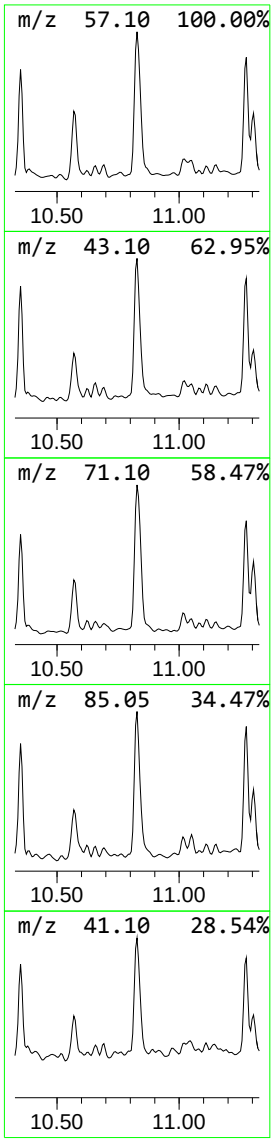
Peak Number 8 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	7.11 ng	249117	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





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Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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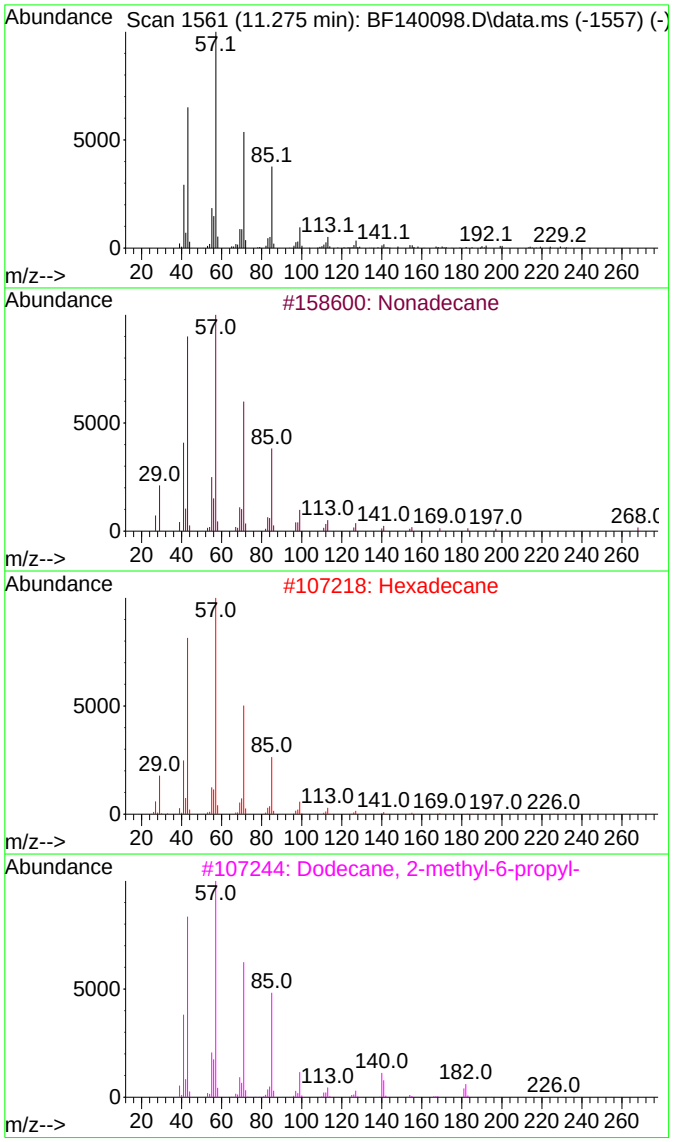
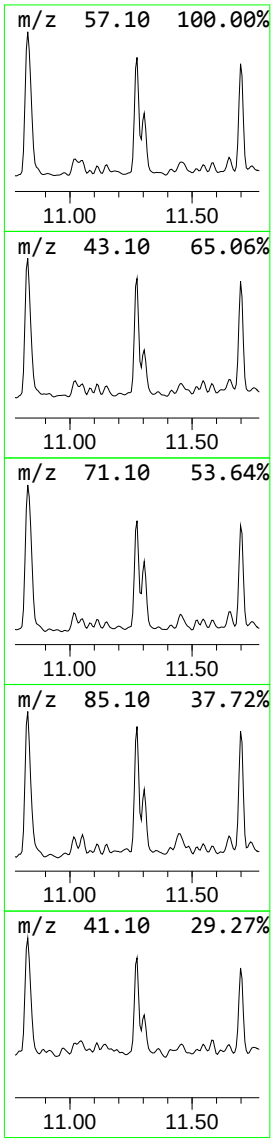
Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	3.77 ng	131944	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	74





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Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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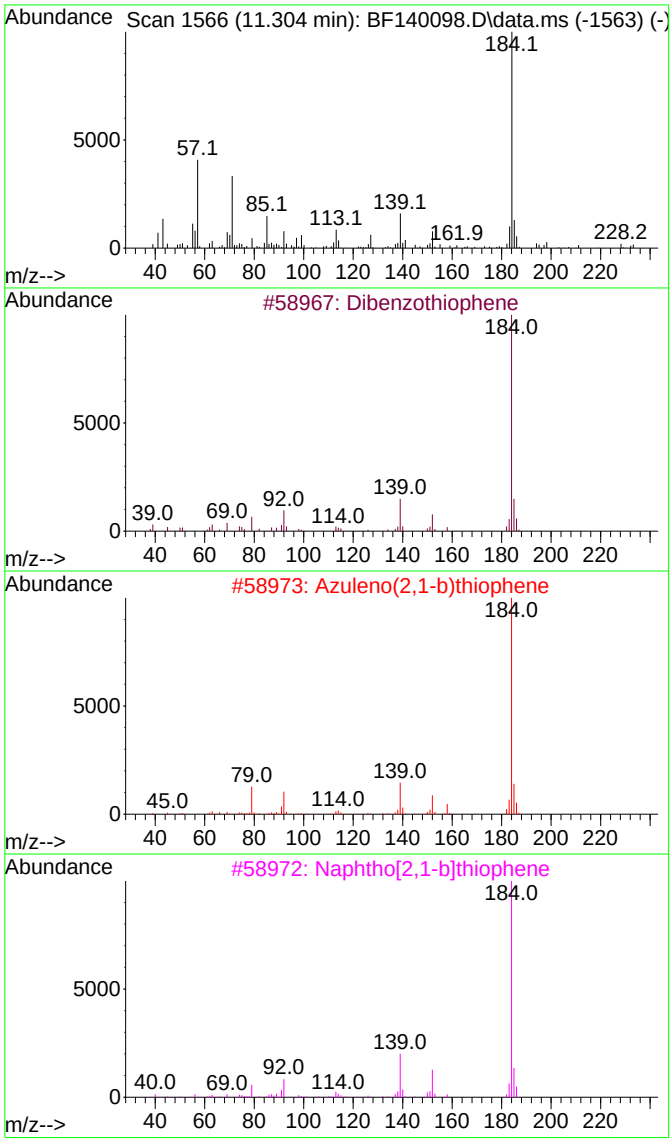
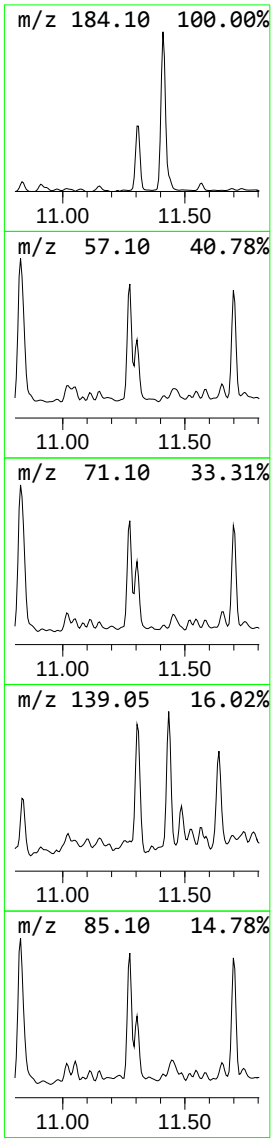
Peak Number 10 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.79 ng	132957	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	92
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





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Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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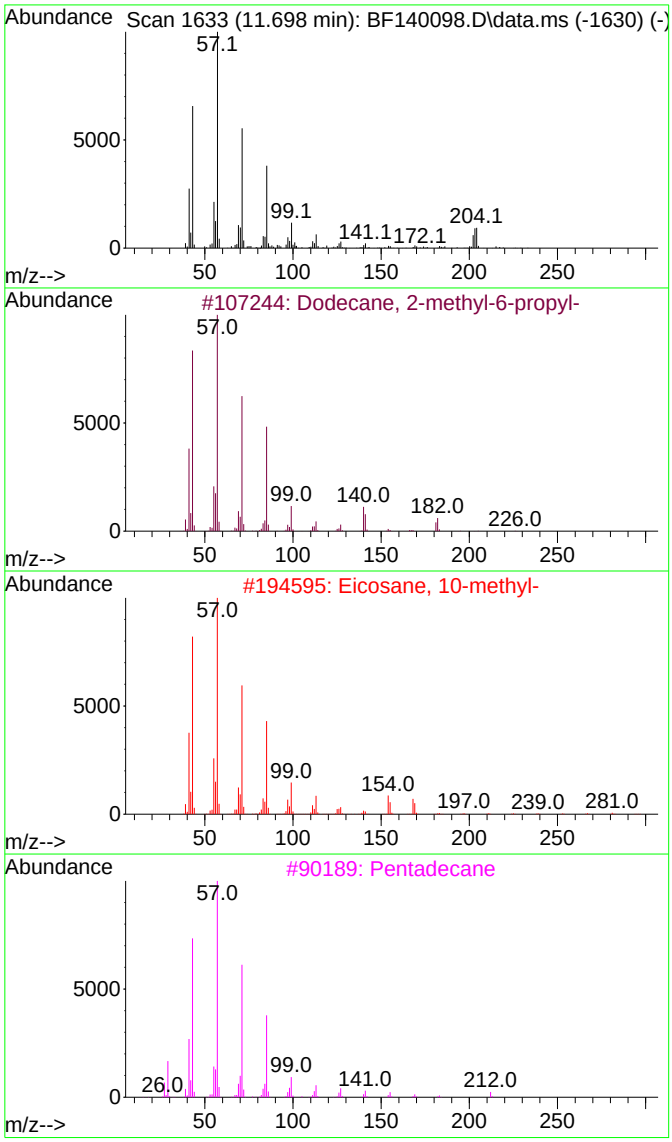
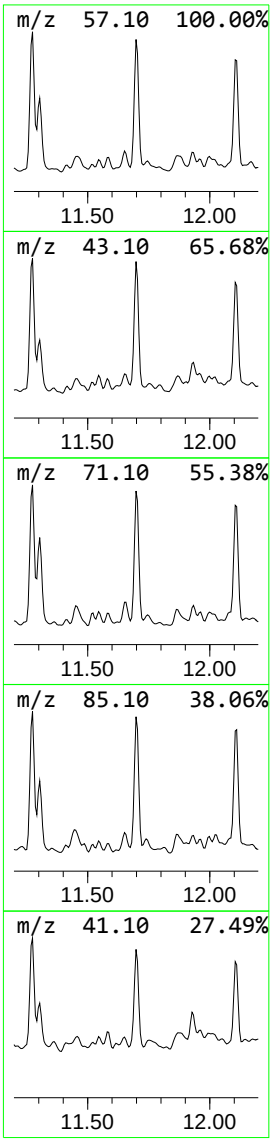
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	3.69 ng	129293	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
3	Pentadecane	212	C15H32	000629-62-9	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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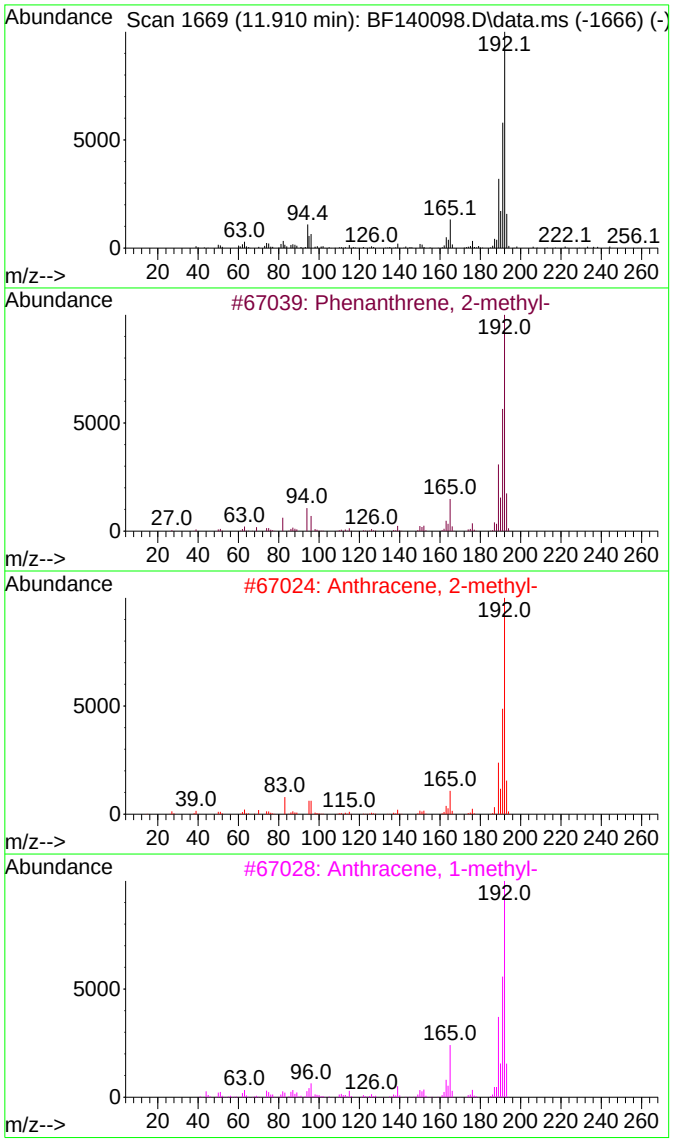
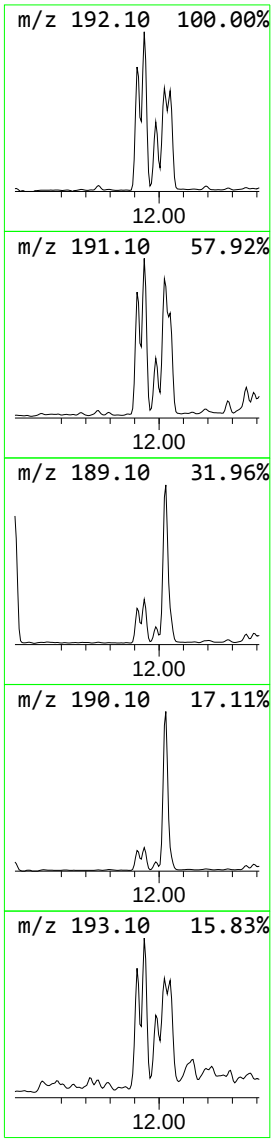
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.23 ng	113132	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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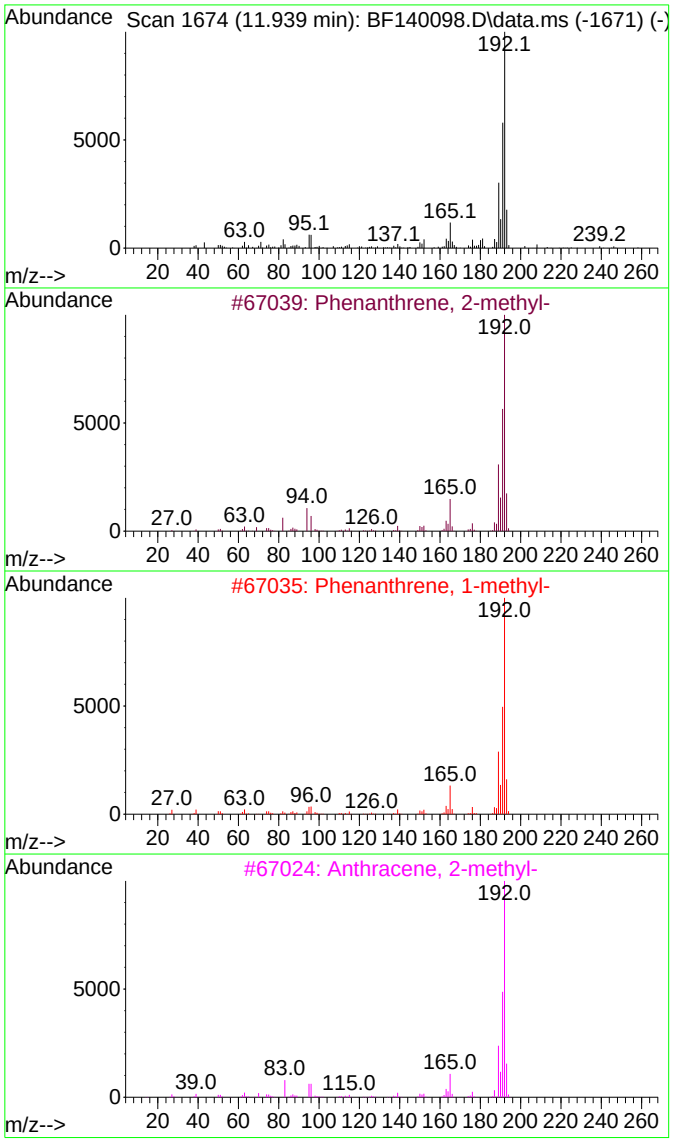
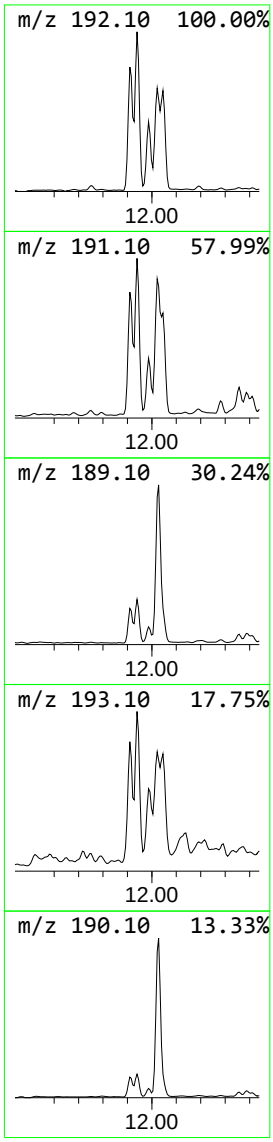
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.07 ng	177701	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : P4575-01 5X
Misc :
ALS Vial : 25 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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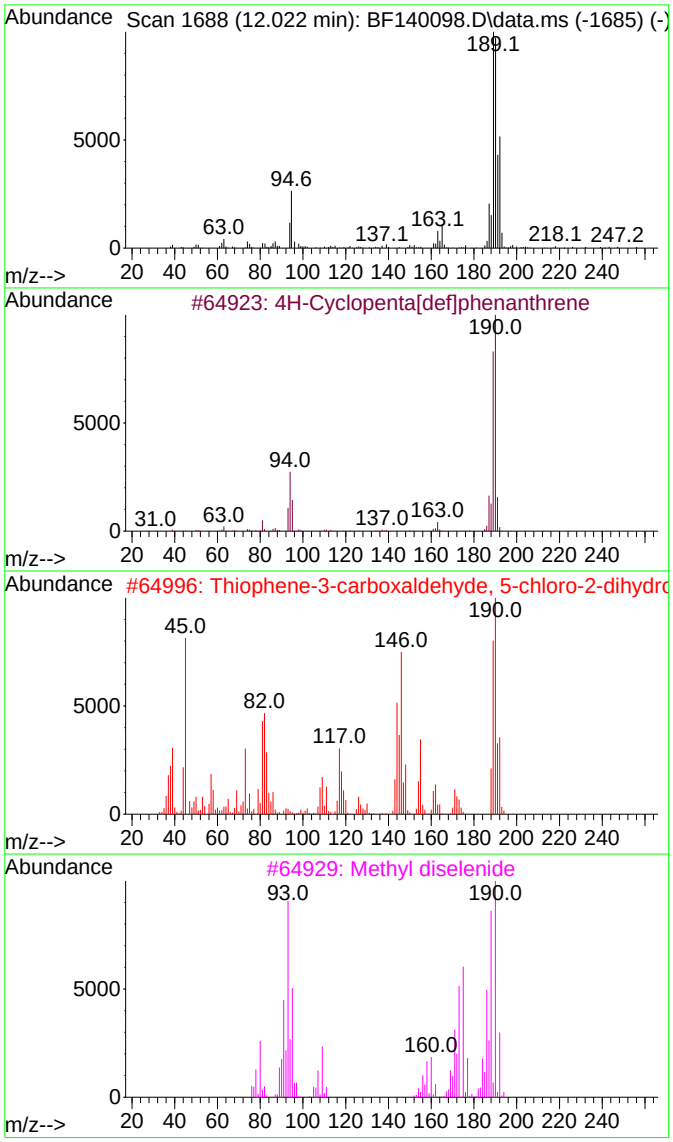
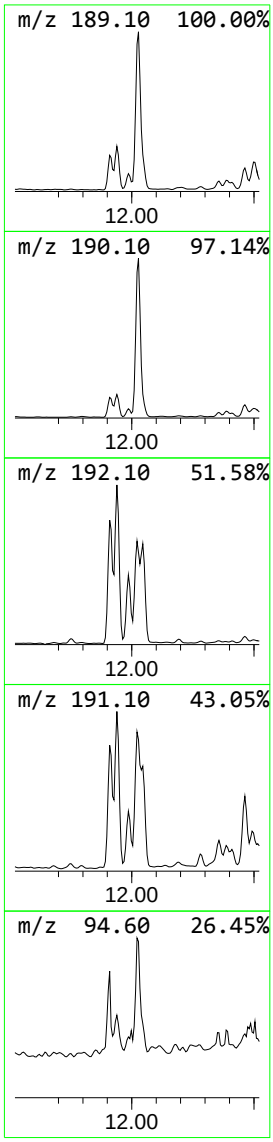
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	9.93 ng	347944	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	14





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Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 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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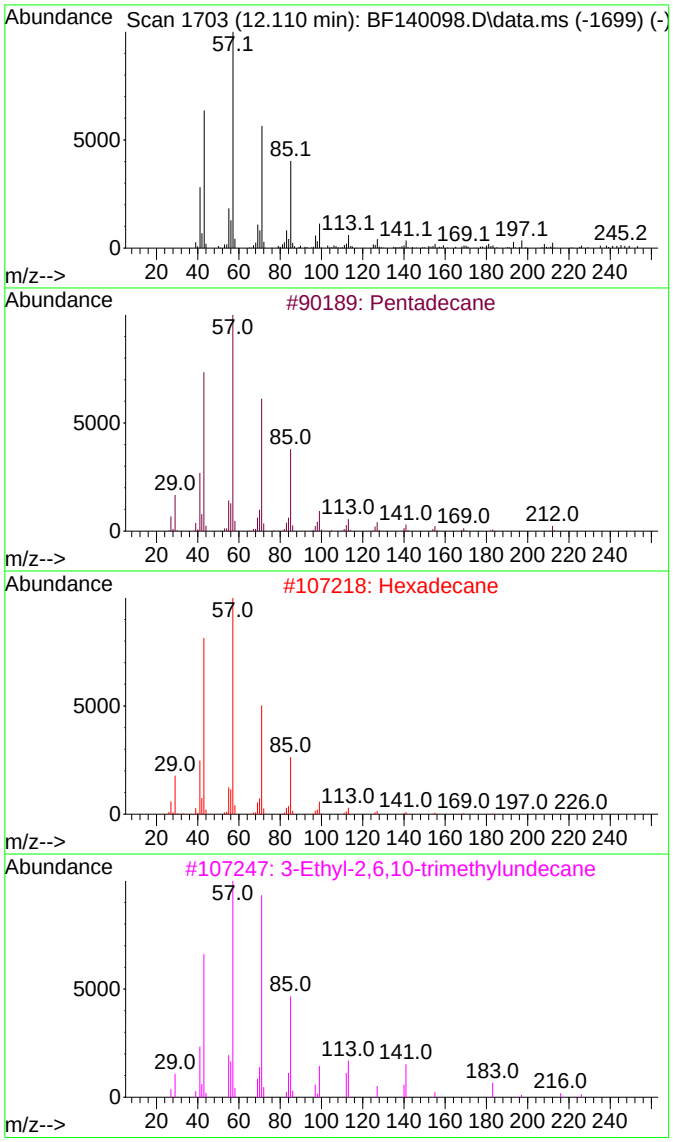
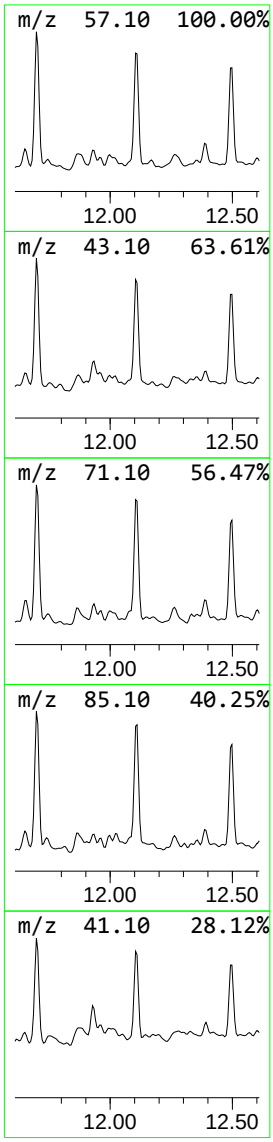
Peak Number 15 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.11 ng	108862	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Pentacosane	352	C25H52	000629-99-2	80





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Sample : P4575-01 5X
Misc :
ALS Vial : 25 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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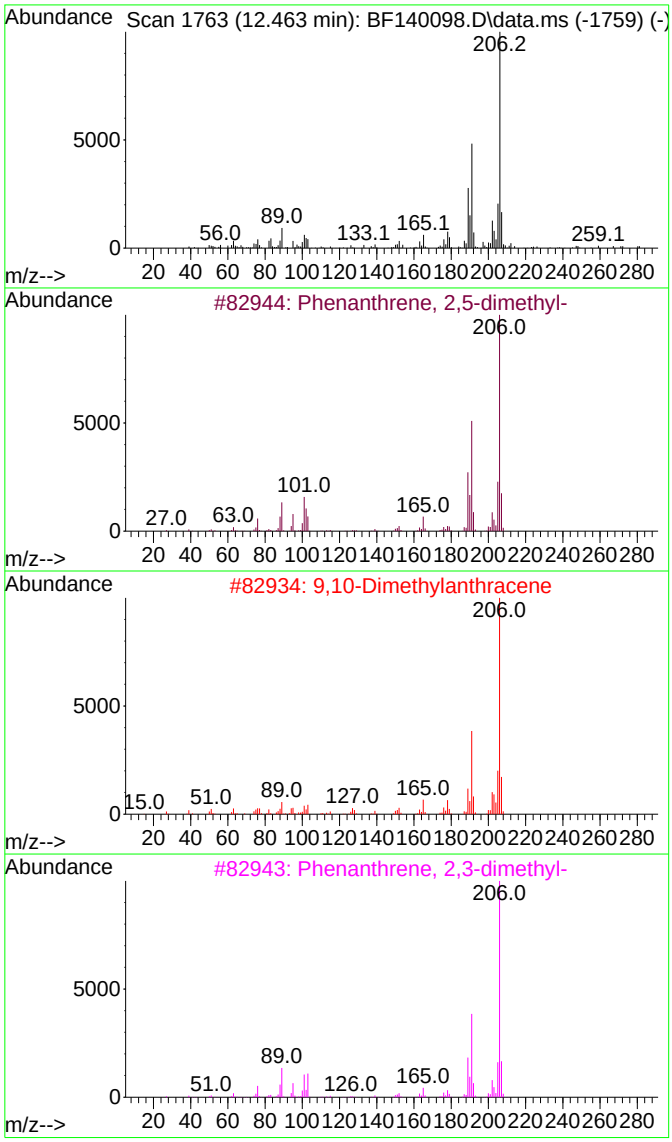
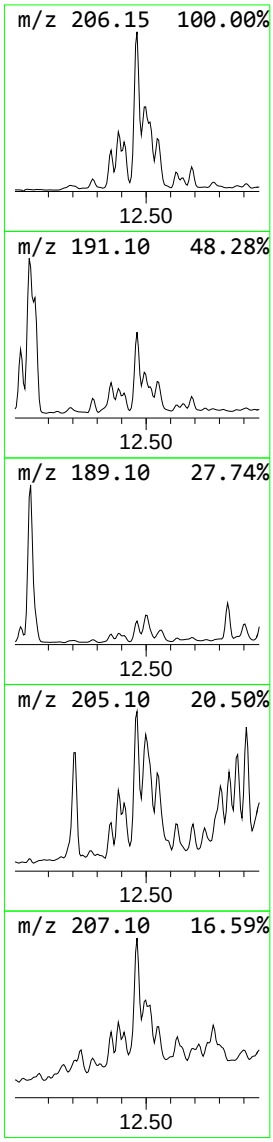
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.71 ng	94878	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Misc :
ALS Vial : 25 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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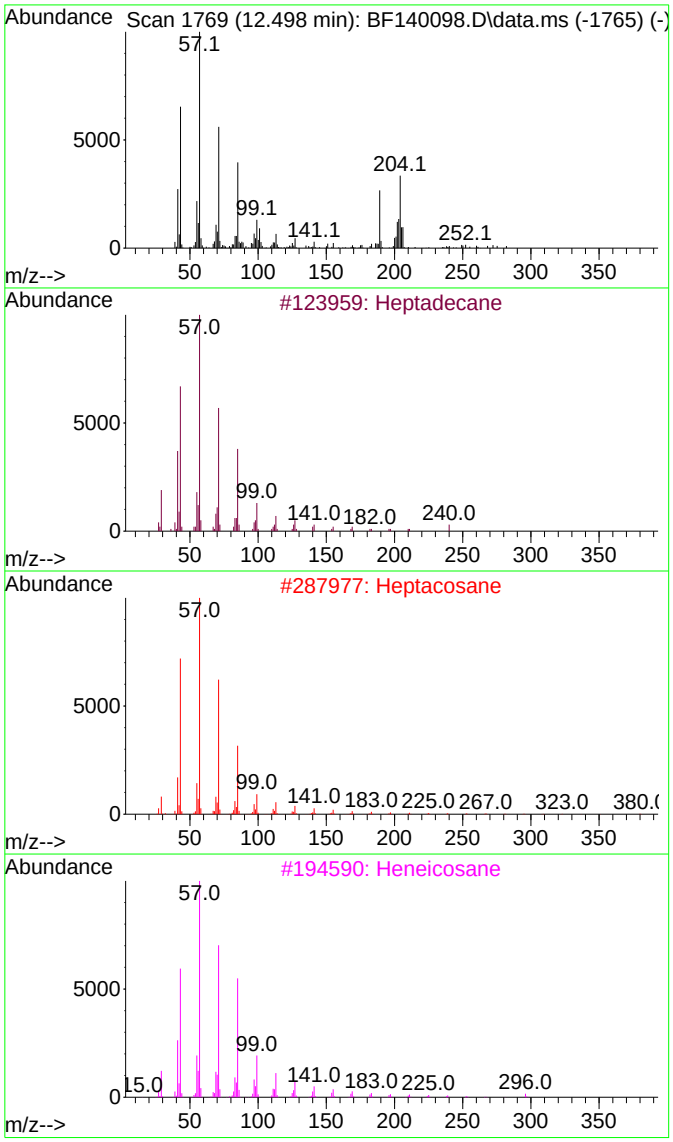
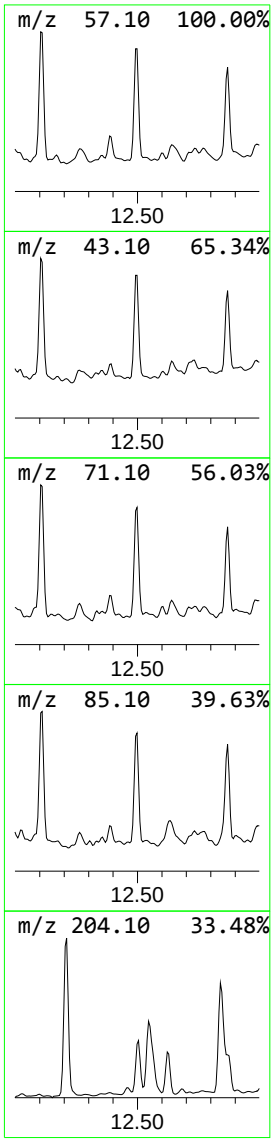
Peak Number 17 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	4.91 ng	171861	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Heptacosane	380	C27H56	000593-49-7	50
3	Heneicosane	296	C21H44	000629-94-7	50
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
5	Pentadecane	212	C15H32	000629-62-9	45





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Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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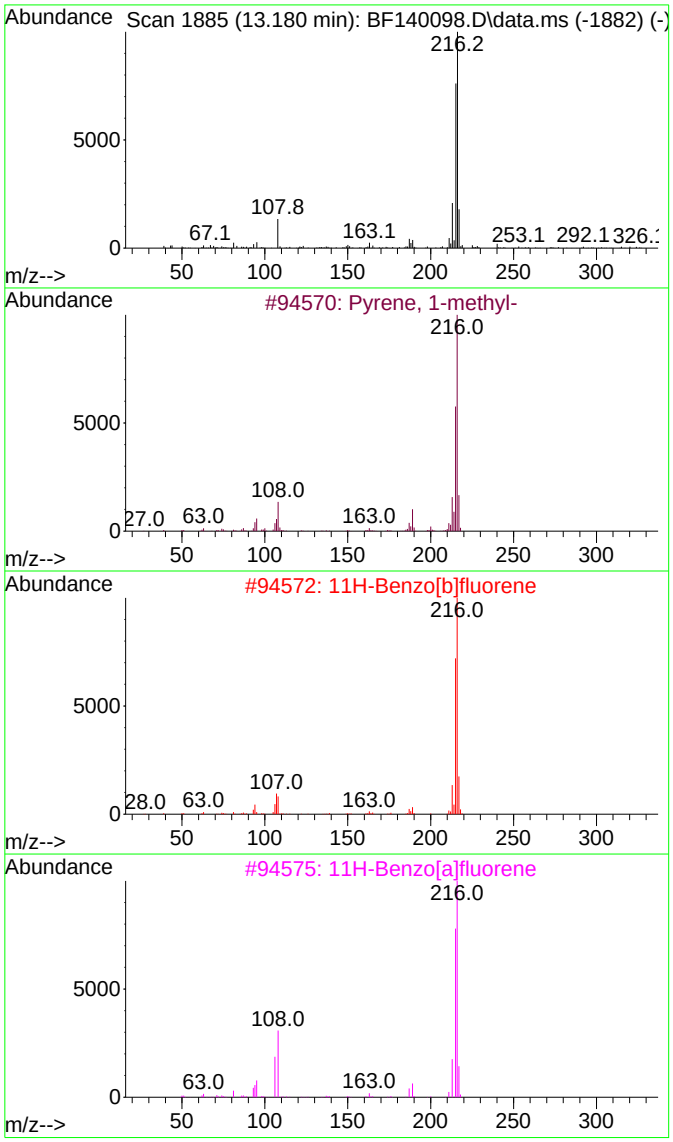
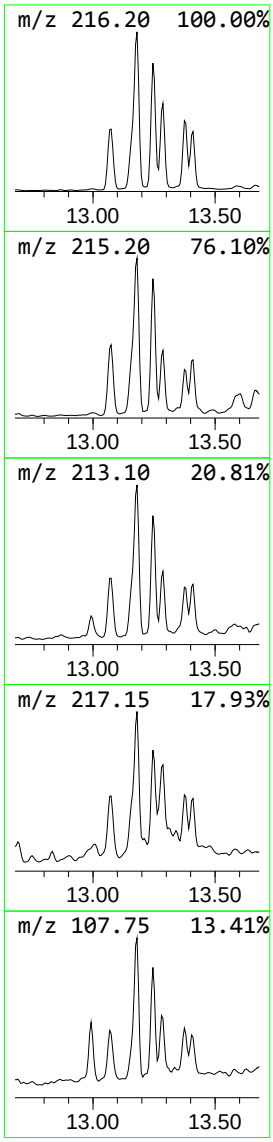
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.05 ng	163385	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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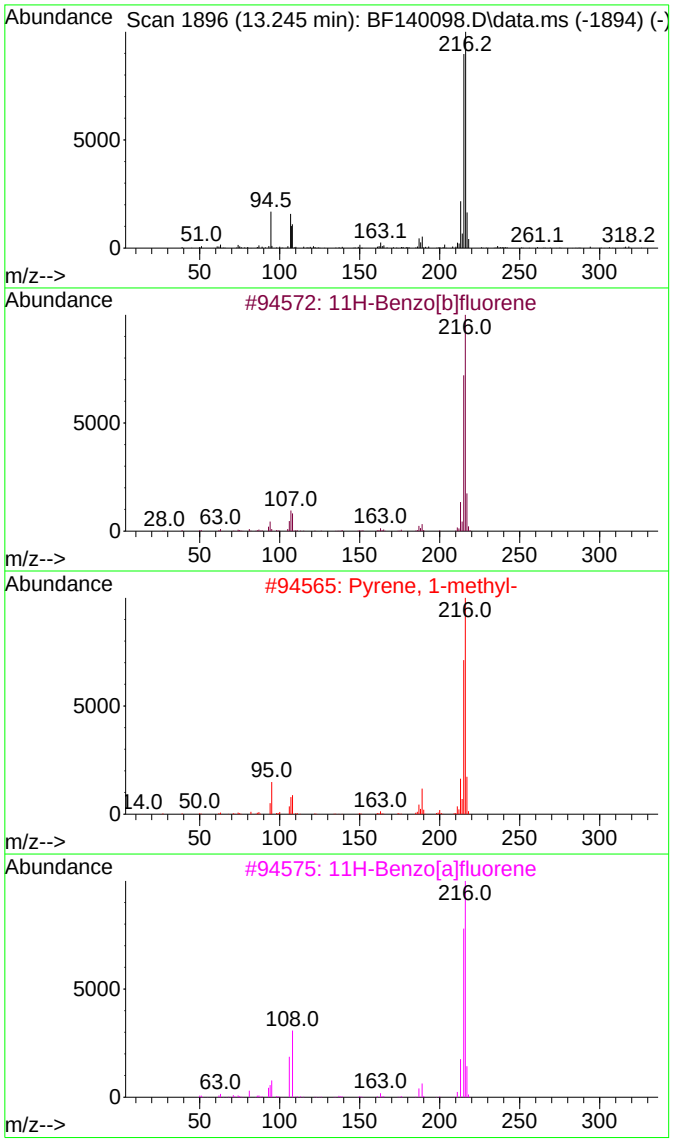
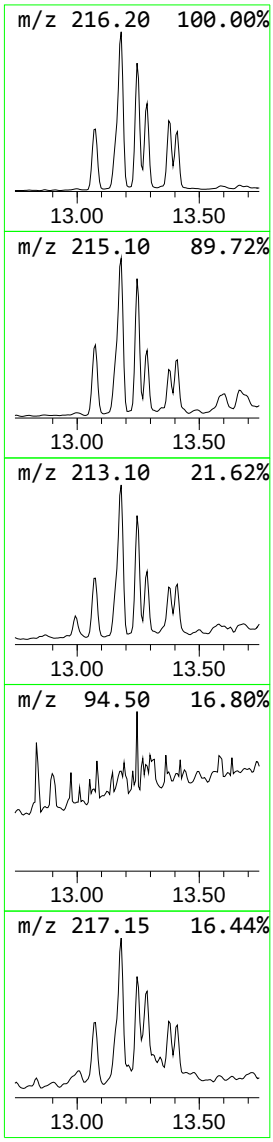
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.39 ng	128003	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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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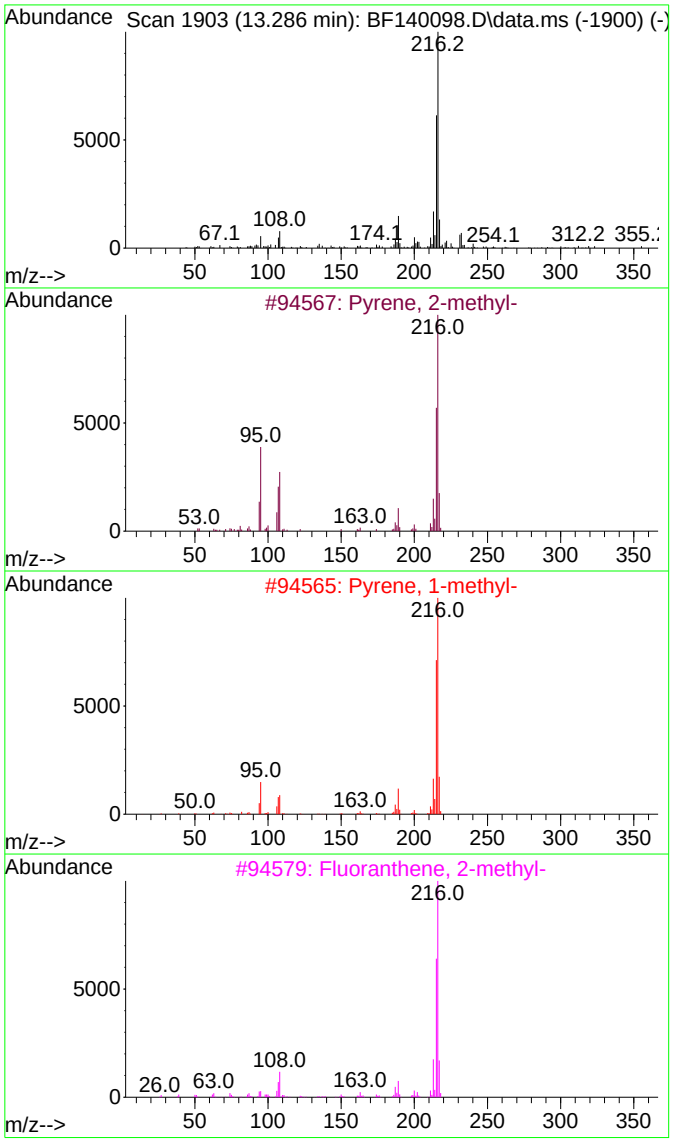
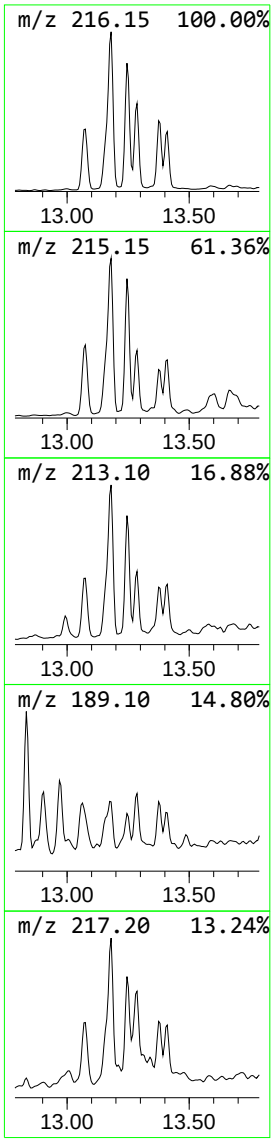
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.28 ng	122444	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140098.D
Acq On : 28 Oct 2024 20:23
Operator : RC/JU
Sample : P4575-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-102424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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
Butane, 2-metho...	2.140	10.4	ng	315274	1	6.887	609166	20.0
Naphthalene, 2-...	8.987	2.1	ng	86123	2	8.169	826198	20.0
Hexadecane	9.322	2.4	ng	75497	3	9.922	635027	20.0
Naphthalene, 2,...	9.581	2.8	ng	88521	3	9.922	635027	20.0
Heptadecane	9.851	2.9	ng	91806	3	9.922	635027	20.0
Pentadecane, 7-...	10.351	3.6	ng	112908	3	9.922	635027	20.0
3,5-Dimethyldod...	10.569	2.8	ng	89212	3	9.922	635027	20.0
Tridecane	10.828	7.1	ng	249117	4	11.410	700745	20.0
Nonadecane	11.275	3.8	ng	131944	4	11.410	700745	20.0
Dibenzothiophene	11.304	3.8	ng	132957	4	11.410	700745	20.0
Dodecane, 2-met...	11.698	3.7	ng	129293	4	11.410	700745	20.0
Phenanthrene, 2...	11.910	3.2	ng	113132	4	11.410	700745	20.0
Phenanthrene, 1...	11.939	5.1	ng	177701	4	11.410	700745	20.0
4H-Cyclopenta[d...	12.022	9.9	ng	347944	4	11.410	700745	20.0
Pentadecane	12.110	3.1	ng	108862	4	11.410	700745	20.0
Phenanthrene, 2...	12.463	2.7	ng	94878	4	11.410	700745	20.0
Heptacosane	12.498	4.9	ng	171861	4	11.410	700745	20.0
Pyrene, 1-methyl-	13.180	3.0	ng	163385	5	14.051	1072220	20.0
11H-Benzo[b]flu...	13.245	2.4	ng	128003	5	14.051	1072220	20.0
Pyrene, 2-methyl-	13.286	2.3	ng	122444	5	14.051	1072220	20.0