LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.410	202	207	230	rBV	31355	94956	2.17%	0.259%
2	5.116	489	497	505	rBV	178581	264693	6.05%	0.721%
3	5.516	559	565	570	rBV	1744774	2306066	52.69%	6.280%
4	6.522	729	736	741	rBV	1657747	2238114	51.14%	6.094%
5	6.728	766	771	782	rVB	39654	60375	1.38%	0.164%
6	6.898	795	800	806	rBV	638170	810911	18.53%	2.208%
7	7.457	885	895	900	rBV	1082108	1429550	32.66%	3.893%
8	8.181	1011	1018	1025	rBV	756537	1010703	23.09%	2.752%
9	8.492	1063	1071	1076	rBV	105433	167564	3.83%	0.456%
10	8.769	1114	1118	1122	rBV	39514	49449	1.13%	0.135%
11	8.998	1152	1157	1162	rBV2	29491	48790	1.11%	0.133%
12	9.257	1196	1201	1206	rVV	1817475	2240125	51.18%	6.100%
13	9.333	1210	1214	1219	rBV	92321	128630	2.94%	0.350%
14	9.592	1251	1258	1260	rBV3	41688	79602	1.82%	0.217%
15	9.651	1265	1268	1272	rVV2	57626	96620	2.21%	0.263%
16	9.863	1300	1304	1309	rVV	133177	174184	3.98%	0.474%
17	9.933	1312	1316	1320	rVV	672942	890669	20.35%	2.425%
18	9.969	1320	1322	1326	rVV	87242	103401	2.36%	0.282%
19	10.027	1327	1332	1339	rVB	284127	448560	10.25%	1.221%
20	10.139	1347	1351	1355	rVB	53115	84389	1.93%	0.230%
21	10.186	1355	1359	1363	rBV4	35305	49091	1.12%	0.134%
22	10.363	1383	1389	1393	rBV	157804	213220	4.87%	0.581%
23	10.480	1405	1409	1415	rBV	114086	165496	3.78%	0.451%
24	10.580	1422	1426	1432	rVB	57890	97064	2.22%	0.264%
25	10.645	1433	1437	1444	rVB2	72805	108367	2.48%	0.295%
26	10.722	1445	1450	1455	rBV	921863	1161756	26.54%	3.164%
27	10.839	1466	1470	1478	rVB	175700	284621	6.50%	0.775%
28	11.286	1541	1546	1549	rVV	129907	187235	4.28%	0.510%
29	11.316	1549	1551	1557	rVB2	99929	131958	3.01%	0.359%
30	11.422	1564	1569	1571	rBV	607687	804538	18.38%	2.191%
31	11.445	1571	1573	1578	rVV	820410	991582	22.66%	2.700%
32	11.498	1578	1582	1586	rVV	178593	231244	5.28%	0.630%
33	11.651	1602	1608	1614	rBV	138333	235069	5.37%	0.640%
34	11.716	1615	1619	1622	rBV2	111735	166440	3.80%	0.453%
35	11.816	1631	1636	1643	rVB	738646	944990	21.59%	2.573%
36	11.945	1650	1658	1664	rBV2	374637	676975	15.47%	1.843%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-051525

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.998	1665	1667	1670	rVV	48409	62577	1.43%	0.170%
38	12.039	1670	1674	1681	rVB2	214610	356567	8.15%	0.971%
39	12.121	1684	1688	1693	rVB2	82334	106794	2.44%	0.291%
40	12.221	1701	1705	1712	rVB2	78388	155881	3.56%	0.424%
41	12.398	1733	1735	1743	rVB3	33113	59463	1.36%	0.162%
42	12.521	1744	1756	1767	rBV2	1835330	4376869	100.00%	11.918%
43	12.604	1767	1770	1772	rBV	323536	389791	8.91%	1.061%
44	12.639	1772	1776	1788	rVV	1557696	2750663	62.85%	7.490%
45	12.733	1788	1792	1799	rVV2	98754	150263	3.43%	0.409%
46	12.868	1808	1815	1821	rBV	1094489	1666469	38.07%	4.538%
47	13.010	1831	1839	1846	rVB	1431582	1920353	43.88%	5.229%
48	13.086	1847	1852	1855	rBV4	75839	139813	3.19%	0.381%
49	13.192	1863	1870	1874	rVB	177924	293036	6.70%	0.798%
50	13.257	1874	1881	1885	rBV2	163291	275876	6.30%	0.751%
51	13.298	1885	1888	1891	rVB2	73247	87821	2.01%	0.239%
52	13.392	1901	1904	1907	rBV	45663	58386	1.33%	0.159%
53	13.698	1954	1956	1962	rVB	48241	61930	1.41%	0.169%
54	13.815	1971	1976	1978	rBV3	77902	121434	2.77%	0.331%
55	13.910	1989	1992	1998	rVB3	88304	121231	2.77%	0.330%
56	14.057	2011	2017	2021	rBV2	836893	1509116	34.48%	4.109%
57	14.168	2033	2036	2040	rVB	64339	70514	1.61%	0.192%
58	14.286	2053	2056	2059	rVB2	41391	50301	1.15%	0.137%
59	14.451	2080	2084	2087	rVB	67159	89854	2.05%	0.245%
60	15.115	2192	2197	2206	rBV	378509	866758	19.80%	2.360%
61	15.227	2213	2216	2220	rVB	64969	84871	1.94%	0.231%
62	15.427	2245	2250	2255	rVB	204481	314223	7.18%	0.856%
63	15.492	2256	2261	2266	rBV	272247	426324	9.74%	1.161%
64	15.557	2267	2272	2275	rBV	301206	480986	10.99%	1.310%
65	17.051	2521	2526	2535	rVB2	120740	273063	6.24%	0.744%
66	17.509	2598	2604	2617	rVB	94149	225343	5.15%	0.614%

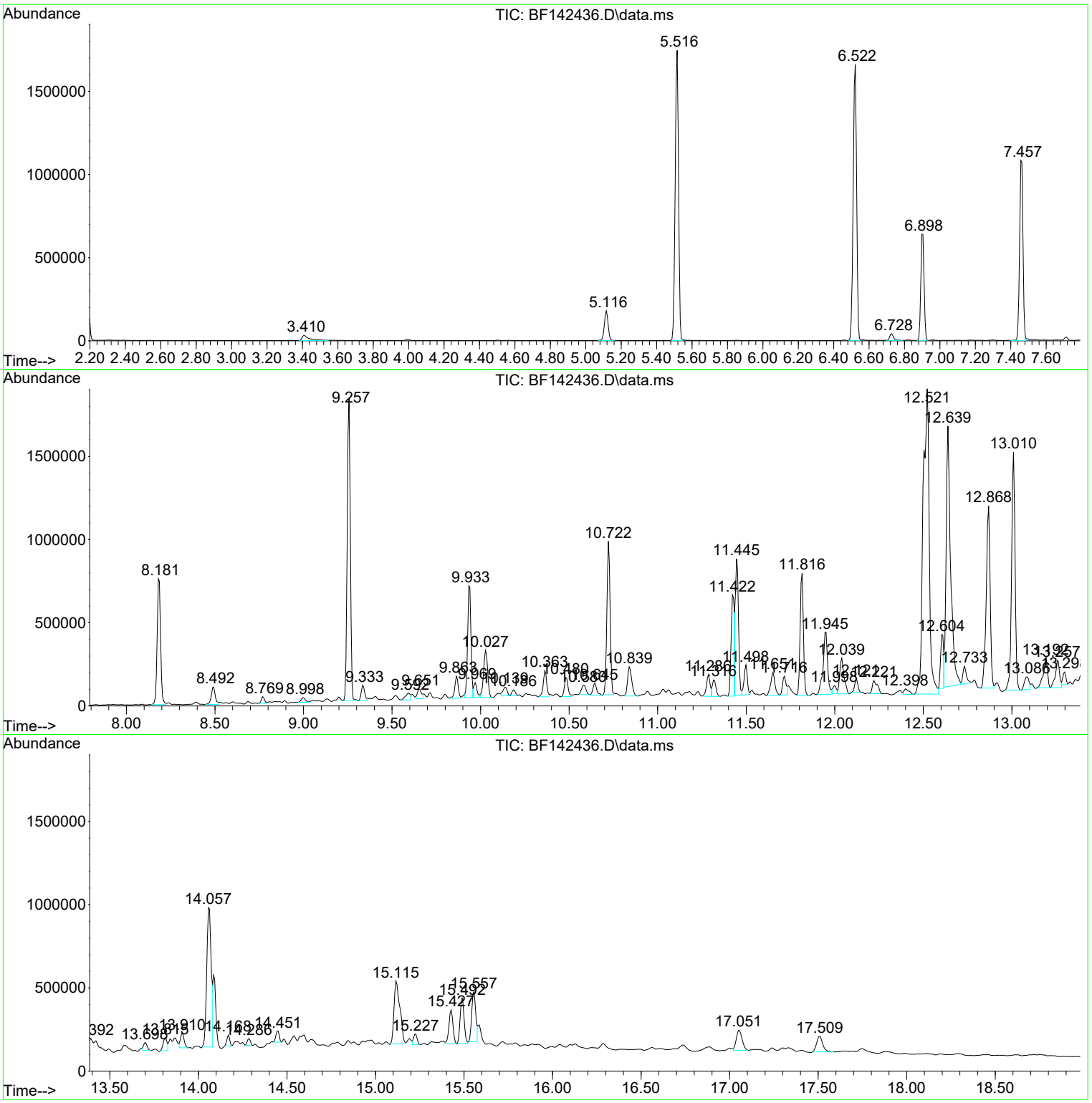
Sum of corrected areas: 36723567

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
OR-02-051525

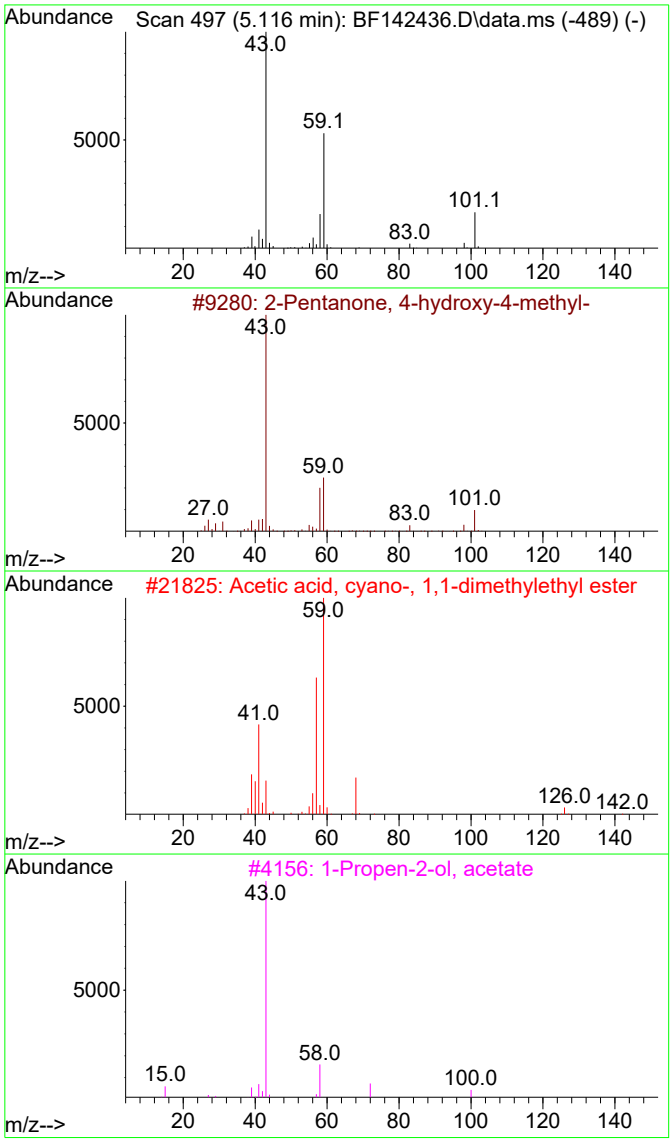
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

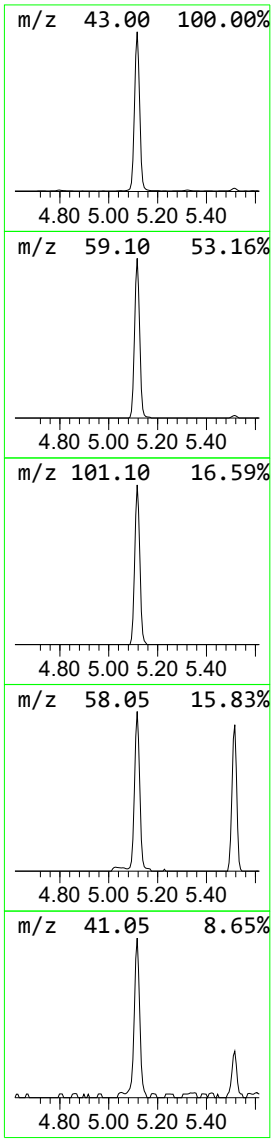
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.53 ng	264693	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

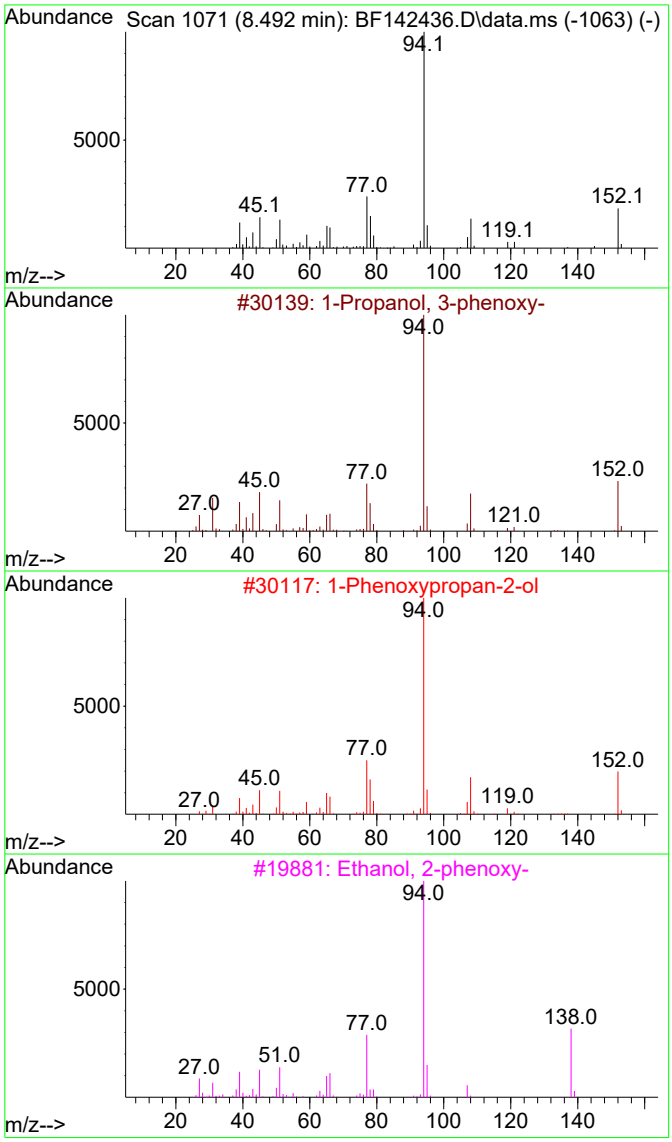
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

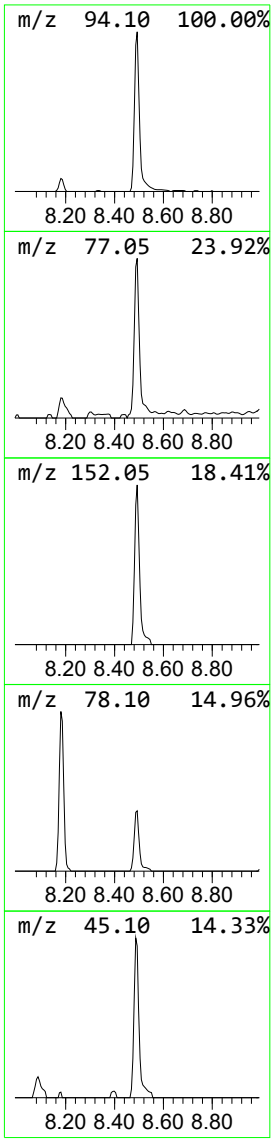
****

Peak Number 2 1-Propanol, 3-phenoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	3.32 ng	167564	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53
5	Benzene, (1-methylpropoxy)-	150	C10H14O	010574-17-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

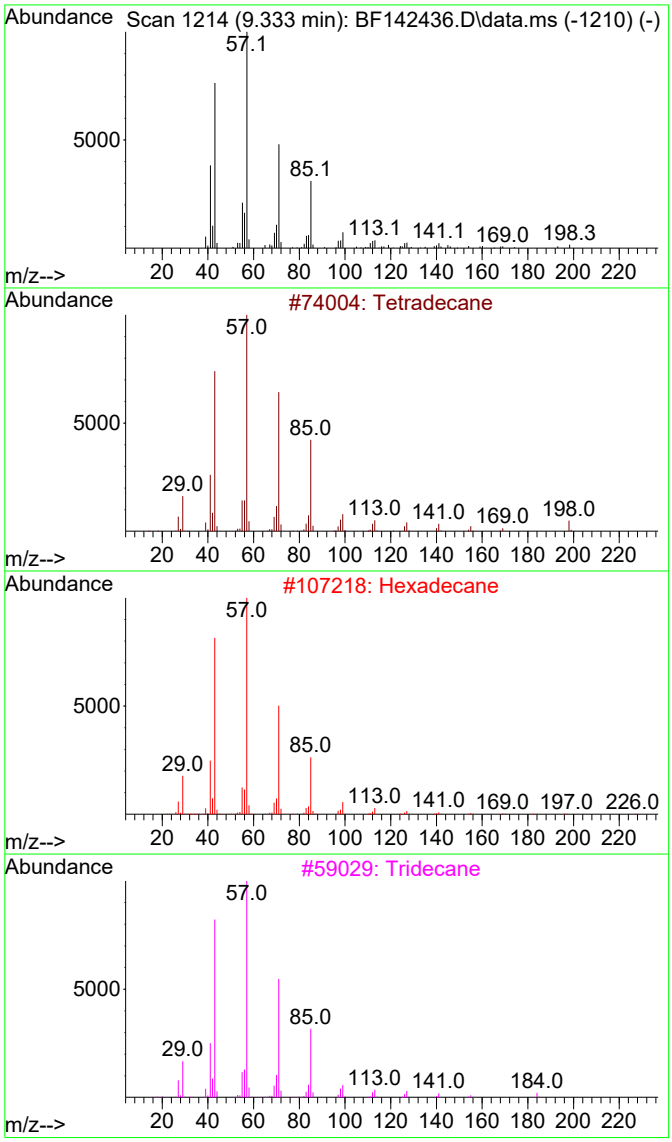
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

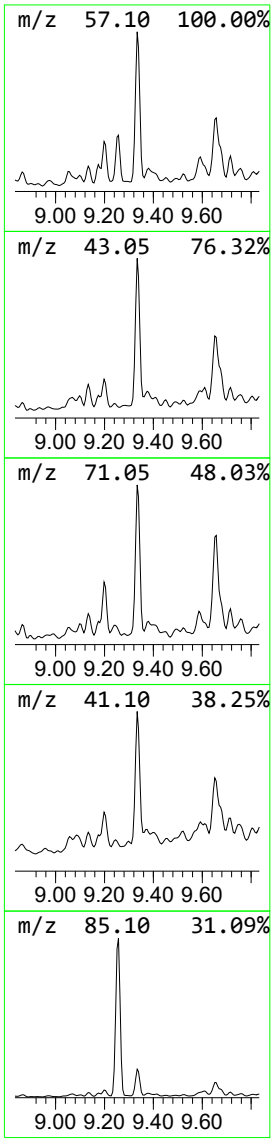
****

Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	2.89 ng	128630	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

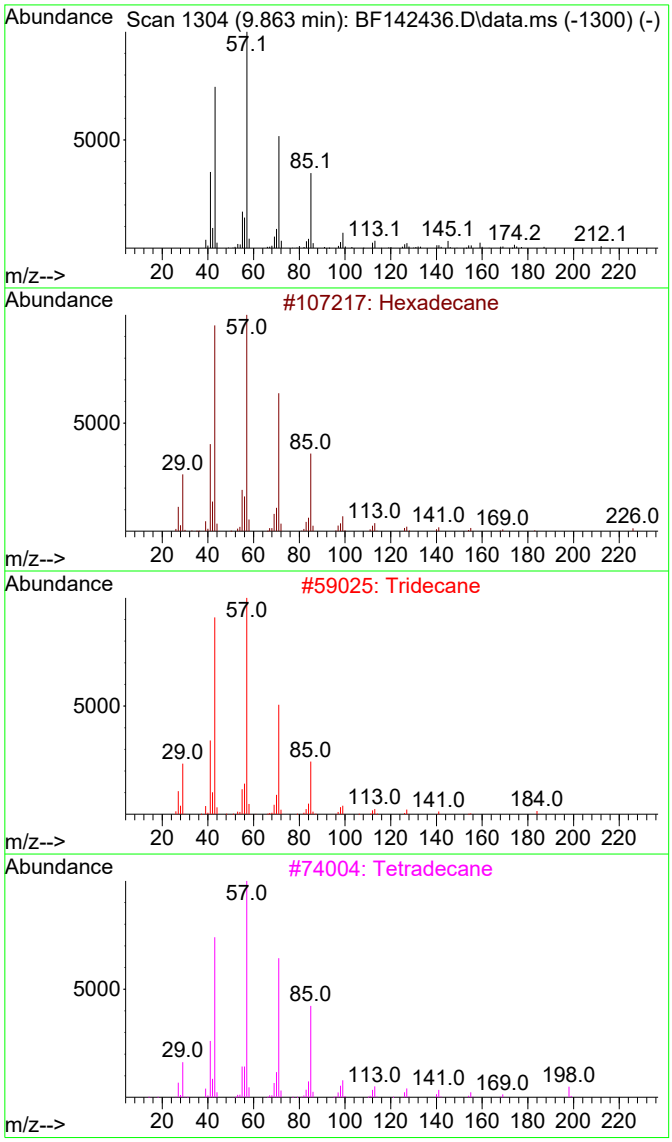
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

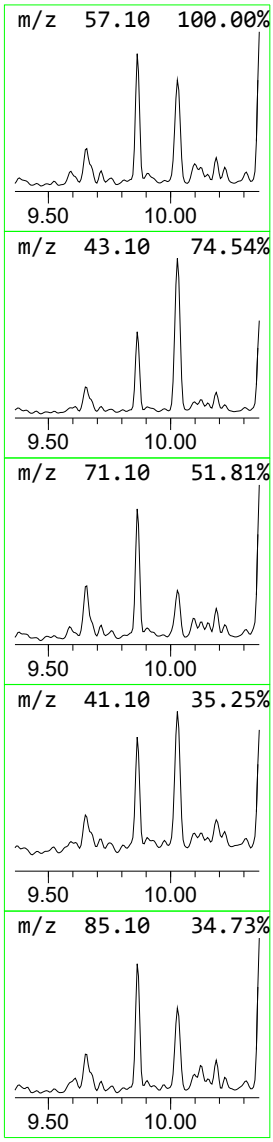
****

Peak Number 4 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	3.91 ng	174184	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	68
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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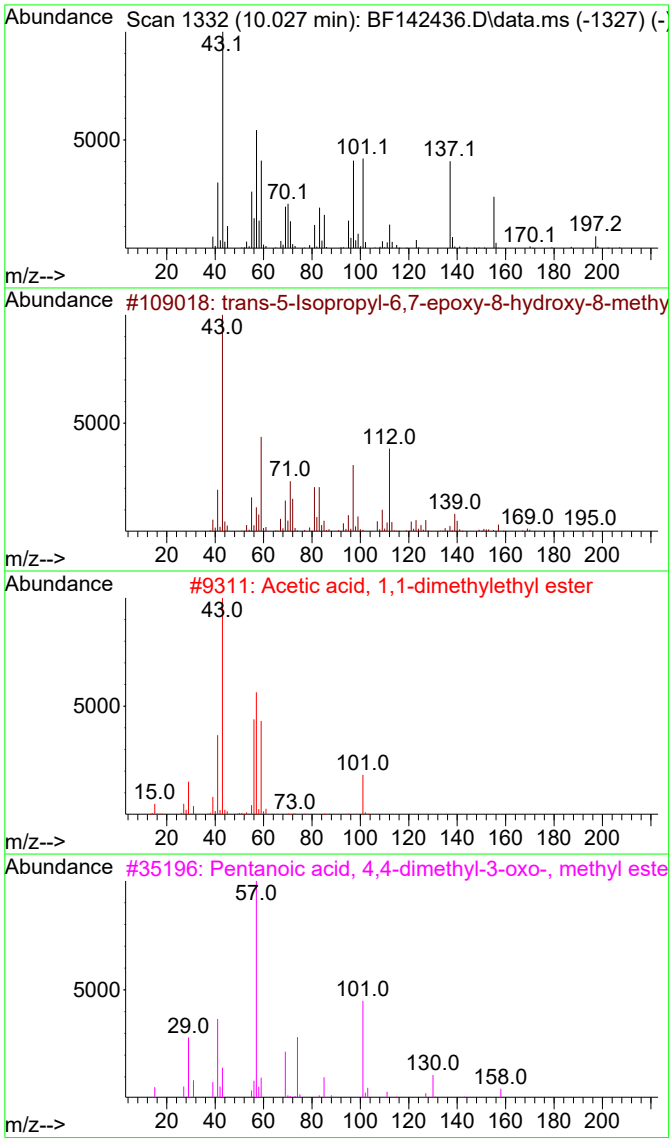
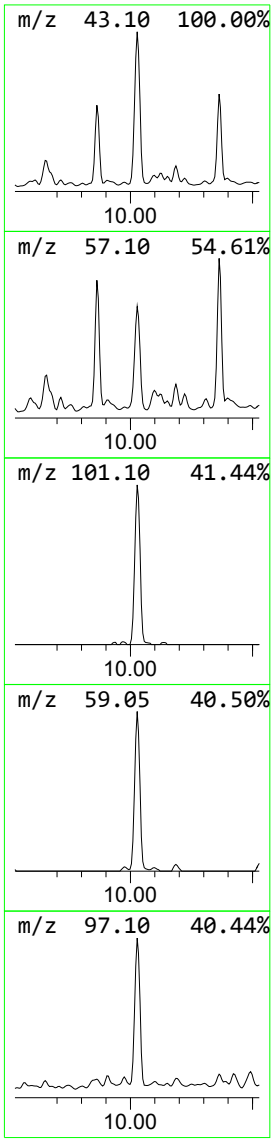
Peak Number 5 unknown10.028 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	10.07 ng	448560	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	16
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12
3	Pentanoic acid, 4,4-dimethyl-3-o...	158	C8H14O3	055107-14-7	10
4	2-t-Butyl-5-propyl-[1,3]dioxolan...	186	C10H18O3	157733-17-0	10
5	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
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Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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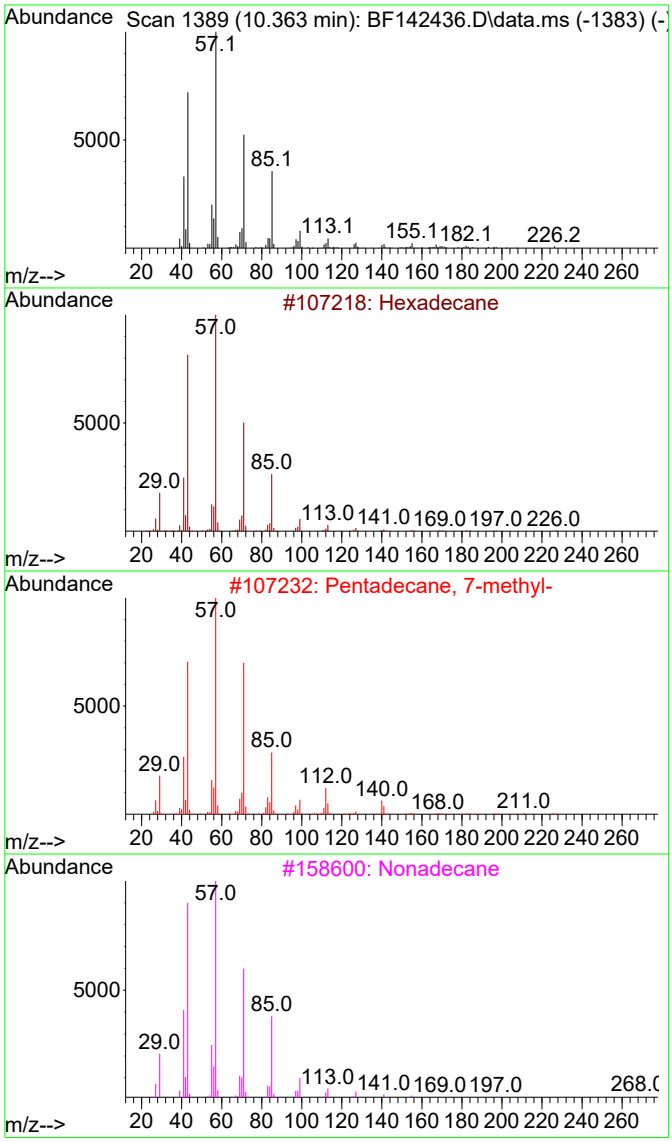
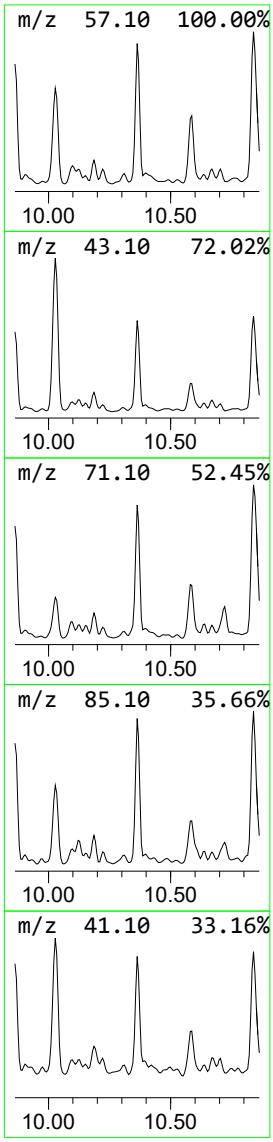
Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	4.79 ng	213220	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

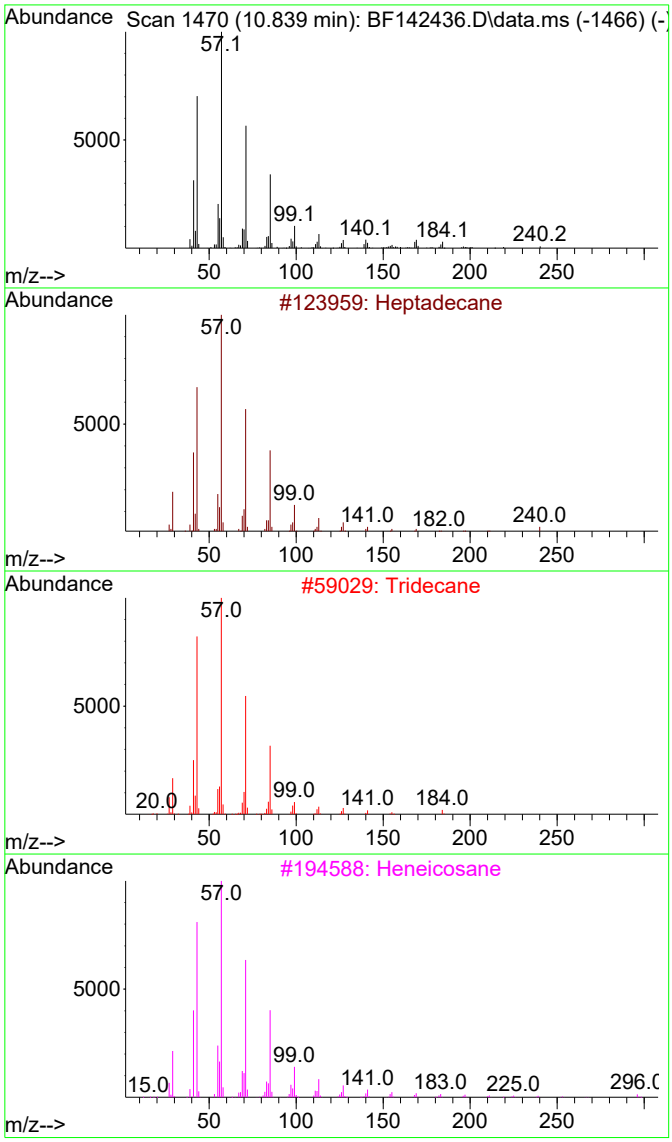
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

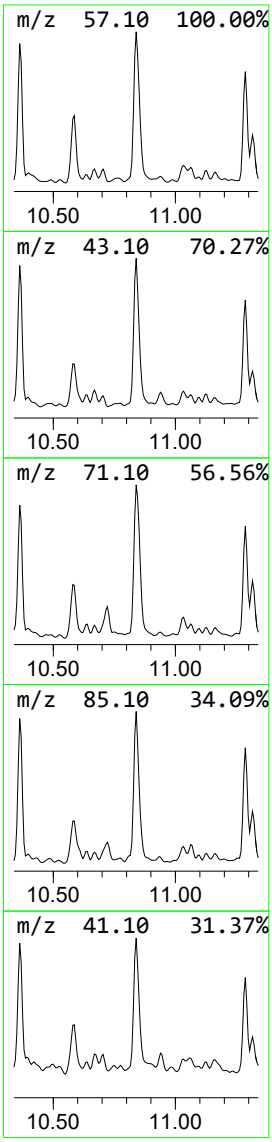
****

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	7.08 ng	284621	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : Q2055-01
Misc :
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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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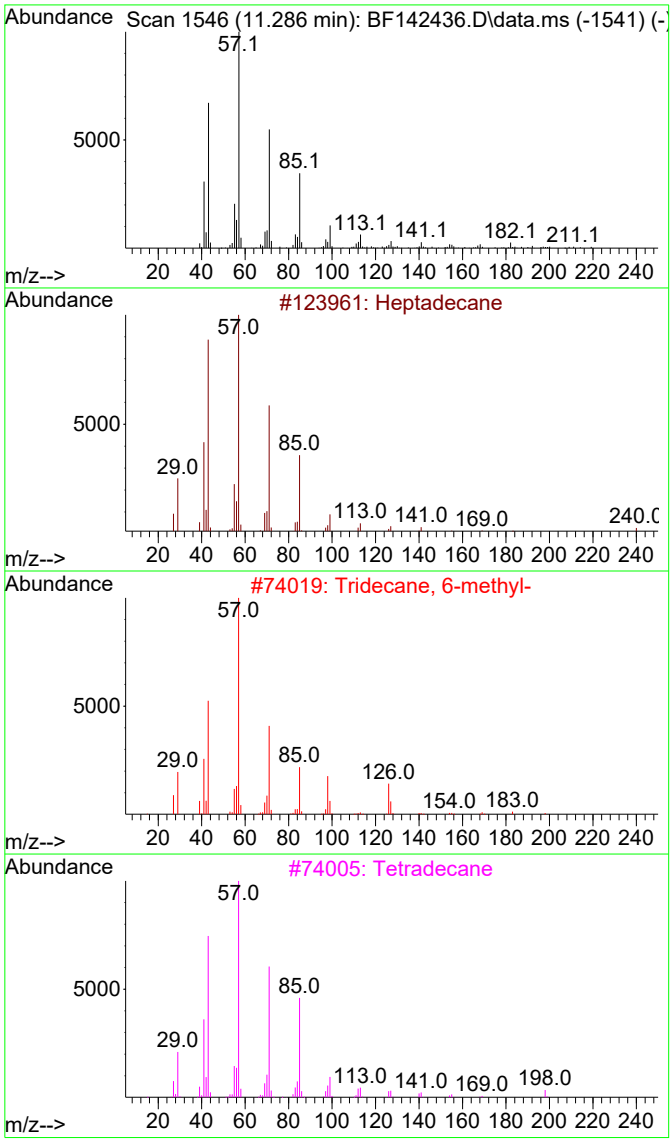
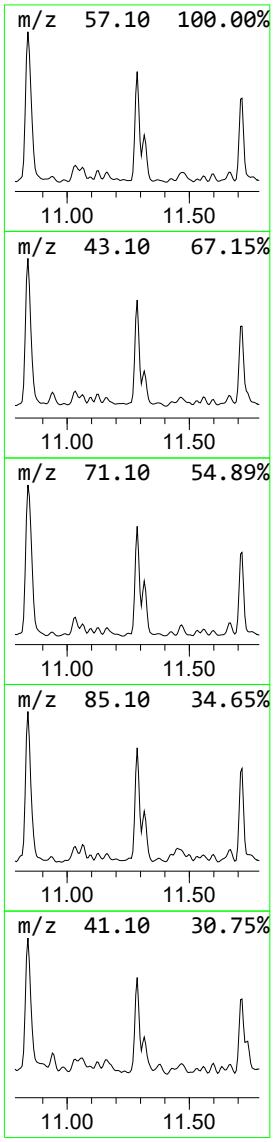
Peak Number 8 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	4.65 ng	187235	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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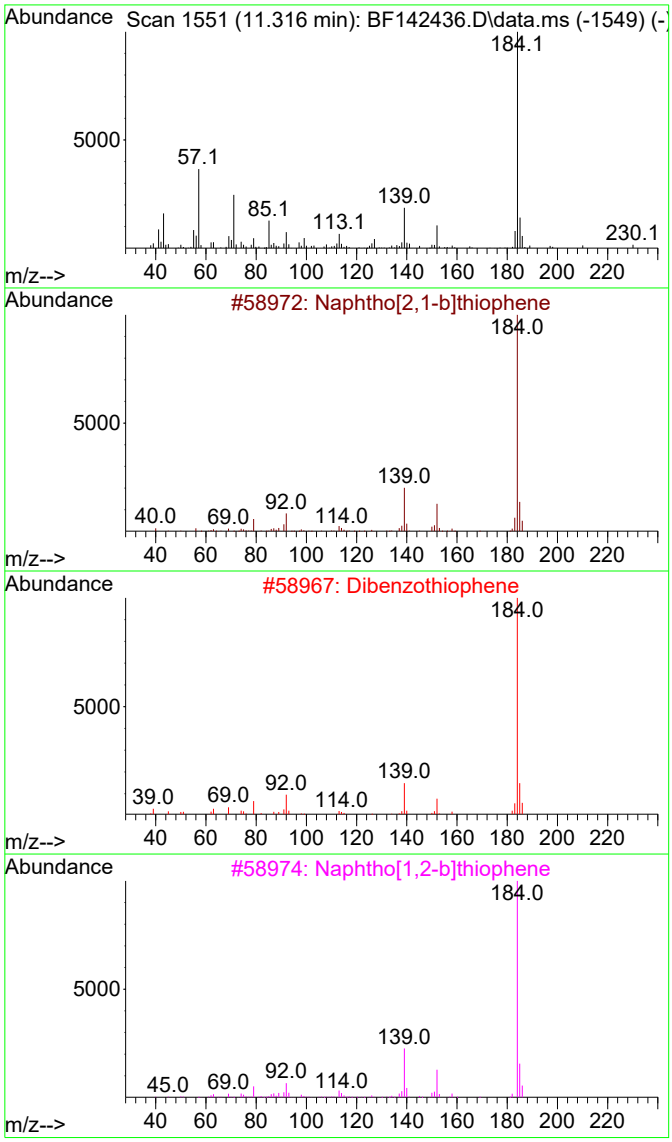
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

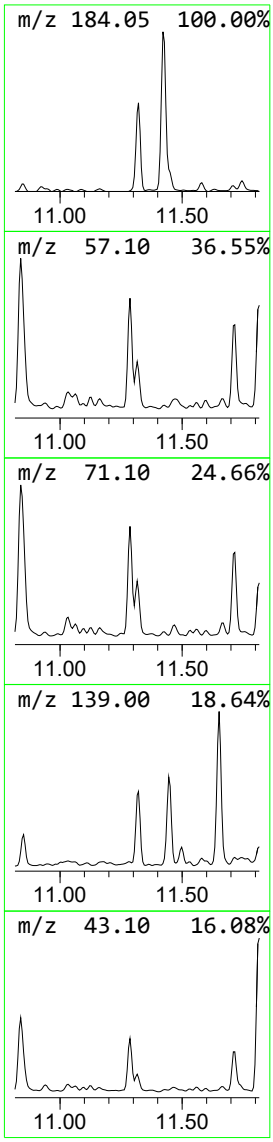
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	3.28 ng	131958	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	89
2	Dibenzothiophene	184	C12H8S	000132-65-0	76
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	64
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	53





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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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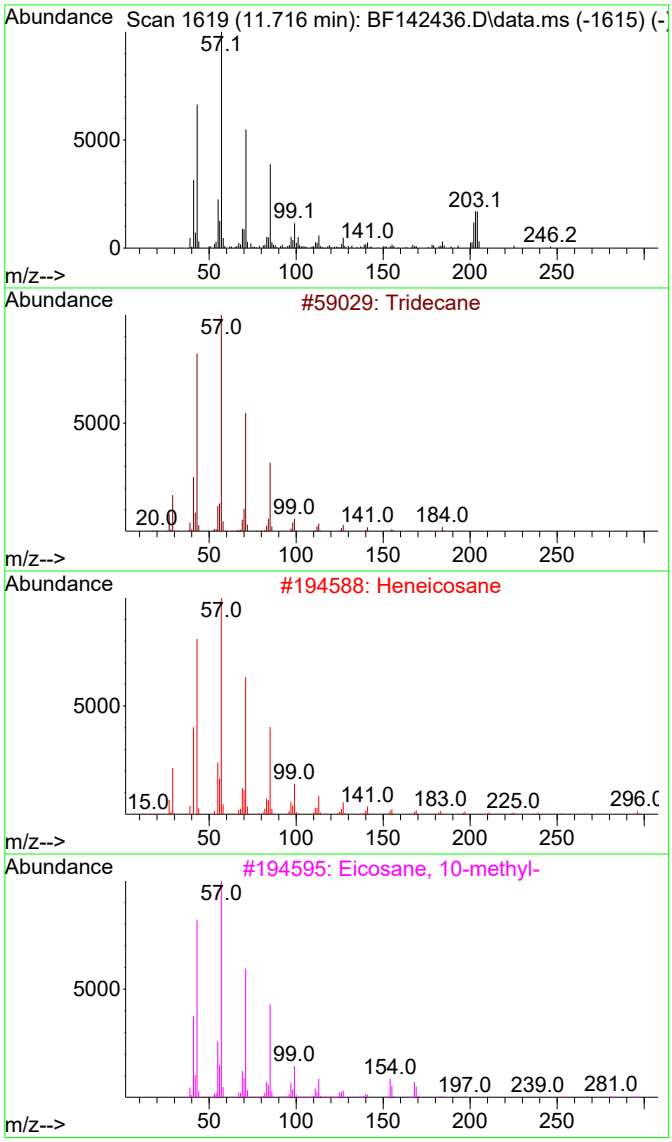
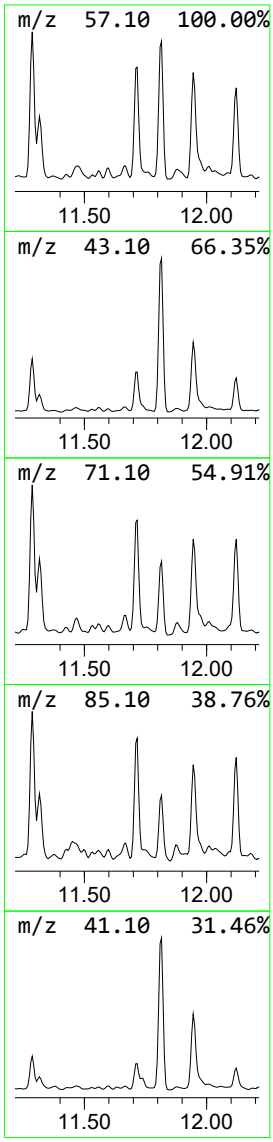
Peak Number 10 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	4.14 ng	166440	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heneicosane	296	C21H44	000629-94-7	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	68
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
5	Hexadecane	226	C16H34	000544-76-3	64





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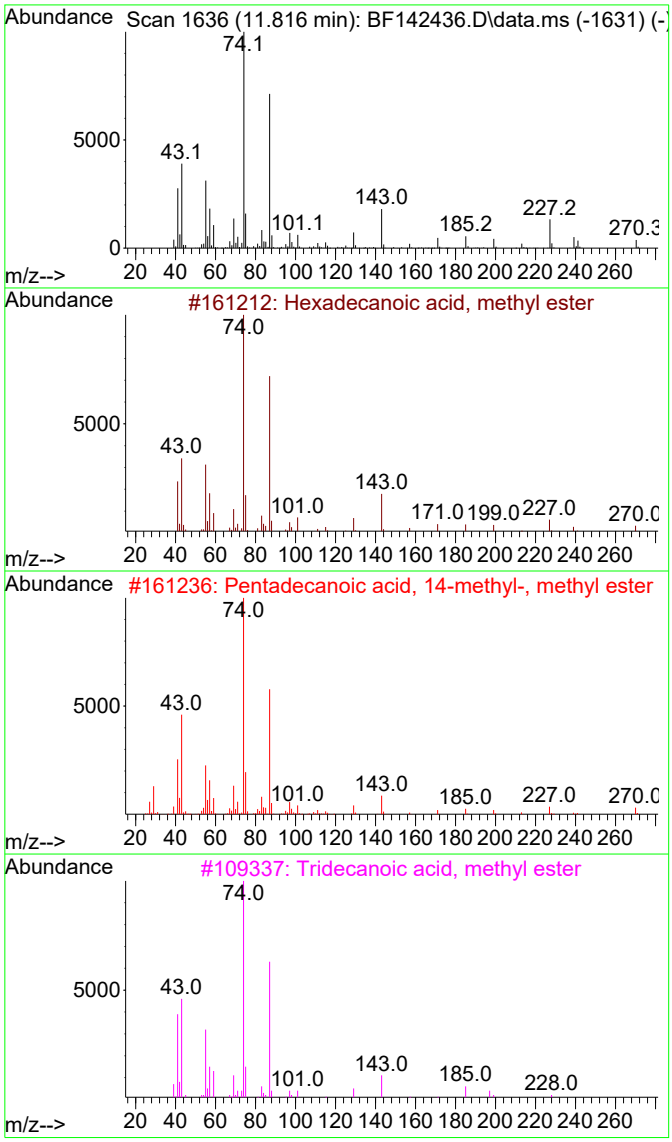
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

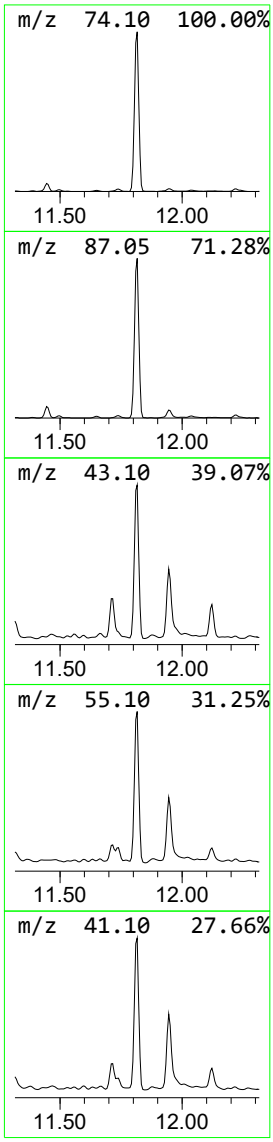
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	23.49 ng	944990	Phenanthrene-d10	11.422

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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72





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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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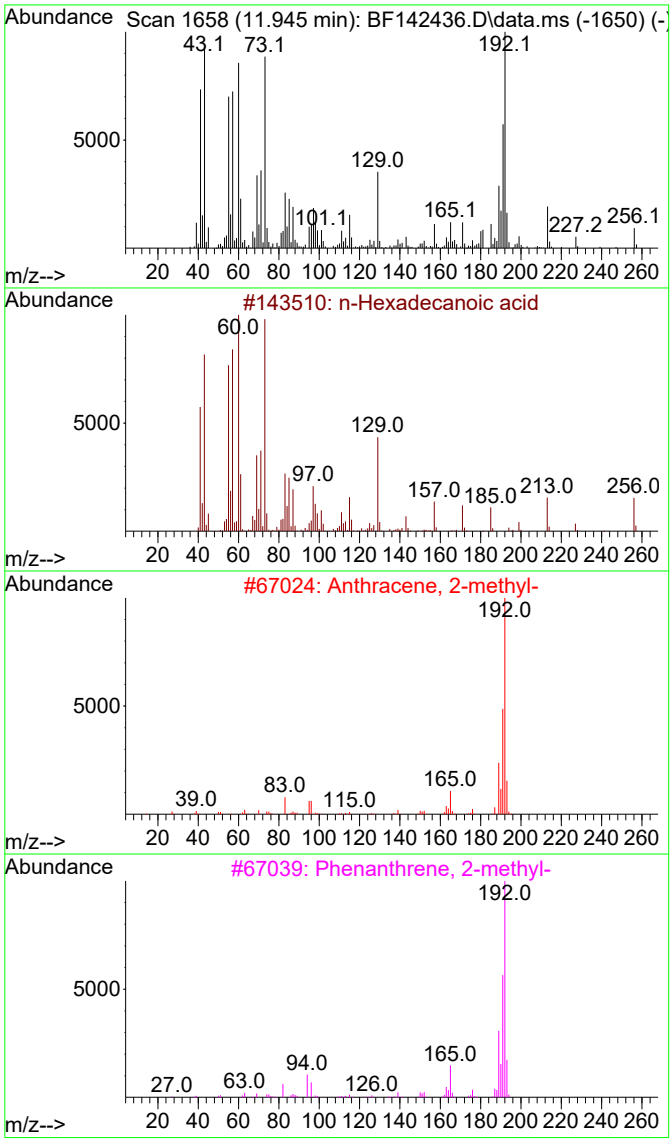
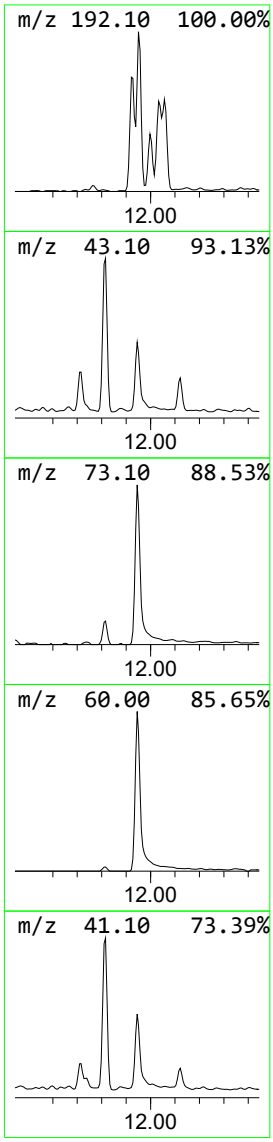
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	16.83 ng	676975	Phenanthrene-d10	11.422

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	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





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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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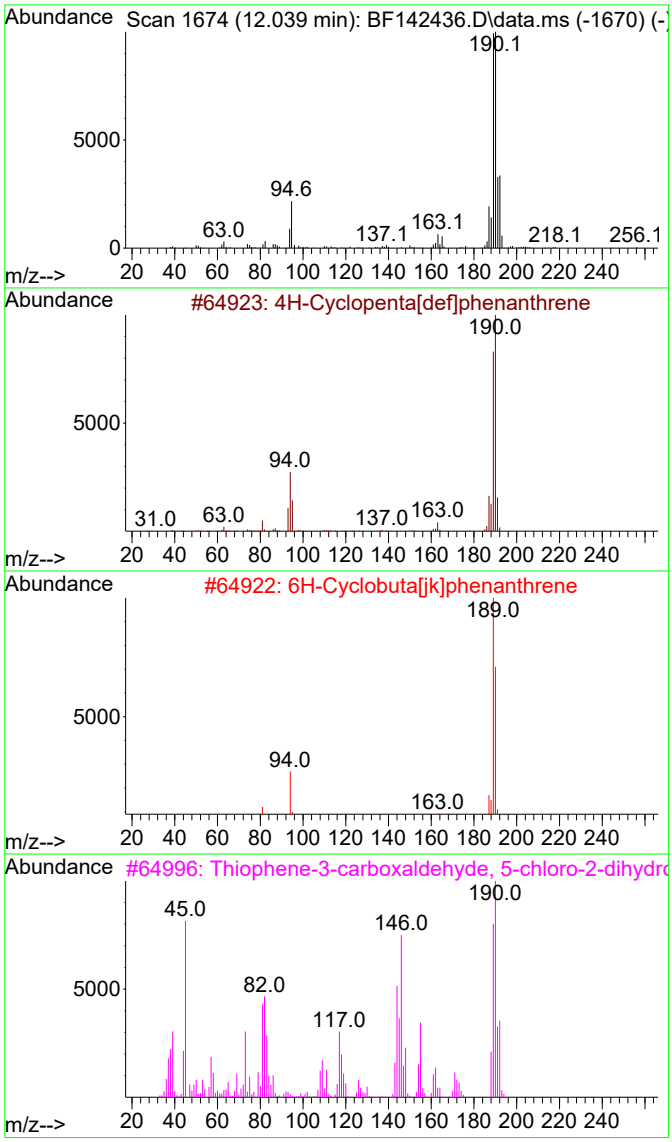
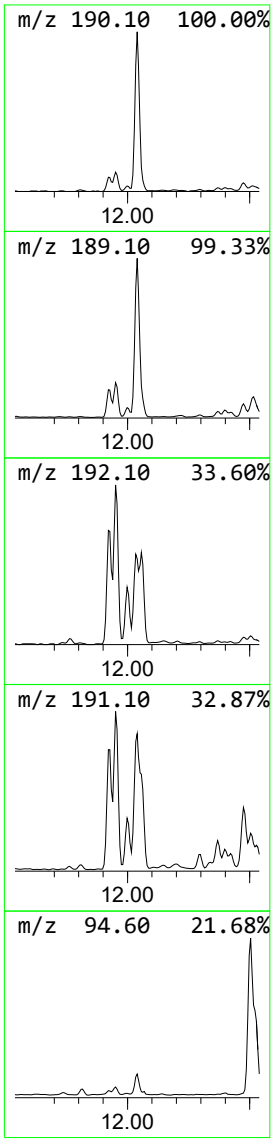
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	8.86 ng	356567	Phenanthrene-d10	11.422

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	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
ALS Vial : 22 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

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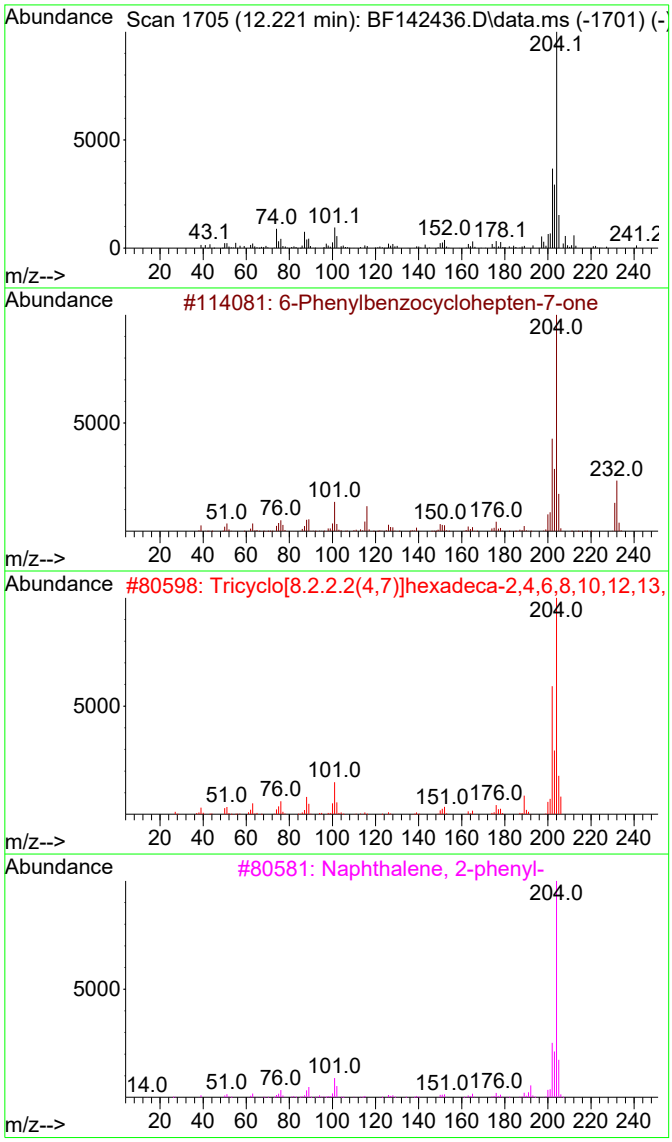
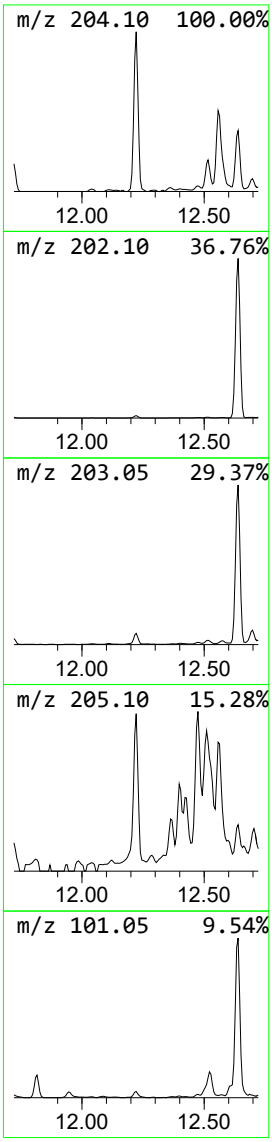
Peak Number 14 6-Phenylbenzocyclohepten-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	3.88 ng	155881	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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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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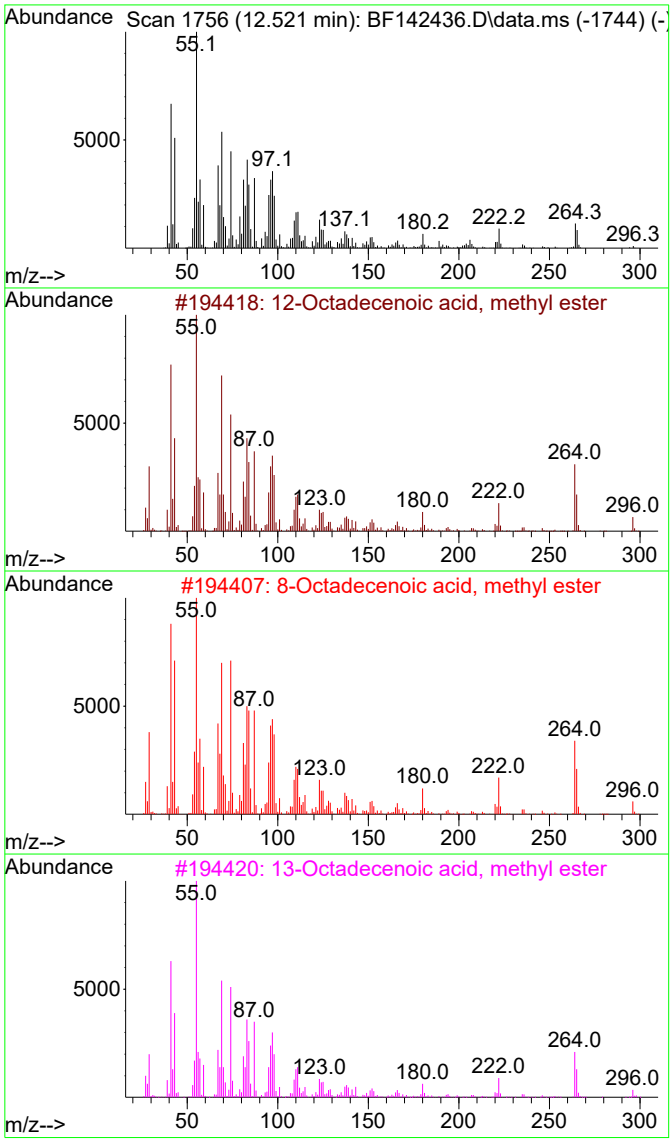
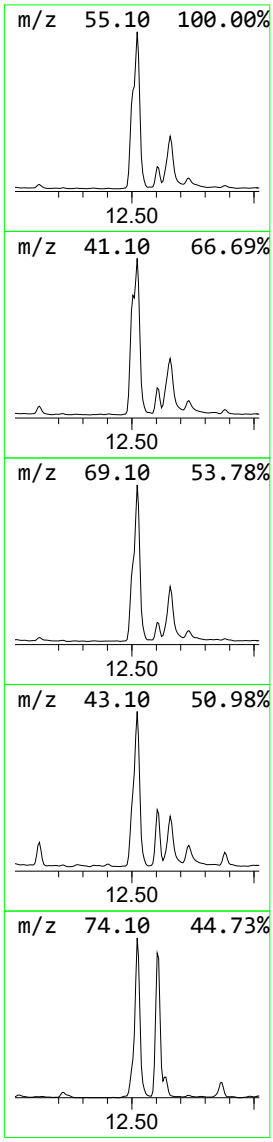
Peak Number 15 12-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	108.81 ng	4376870	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	98
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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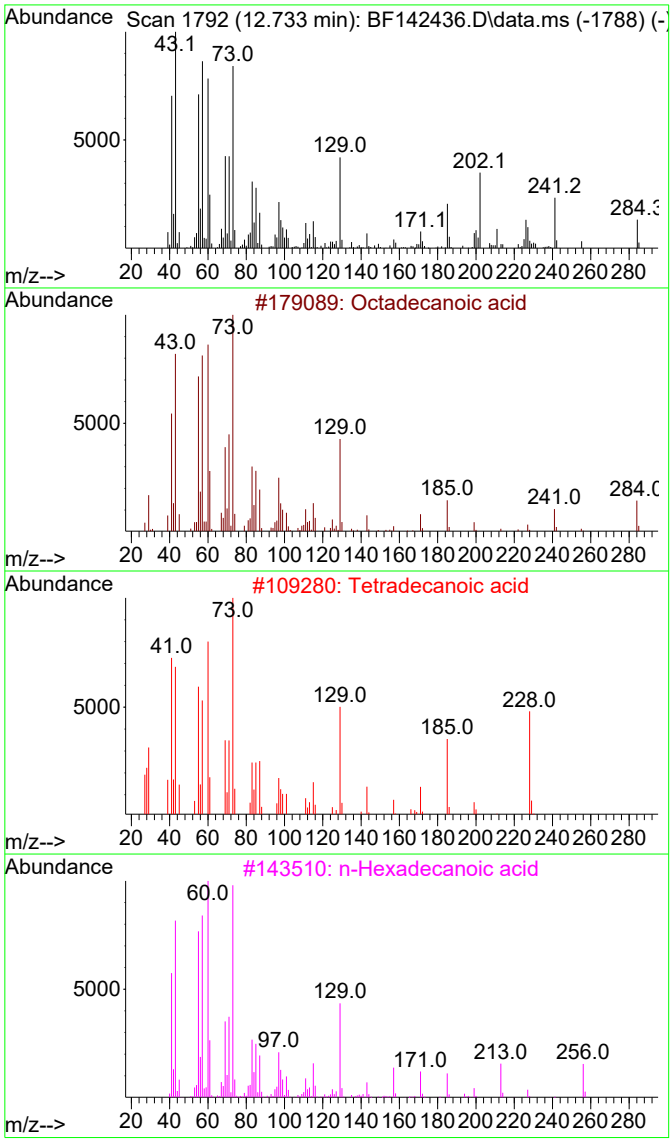
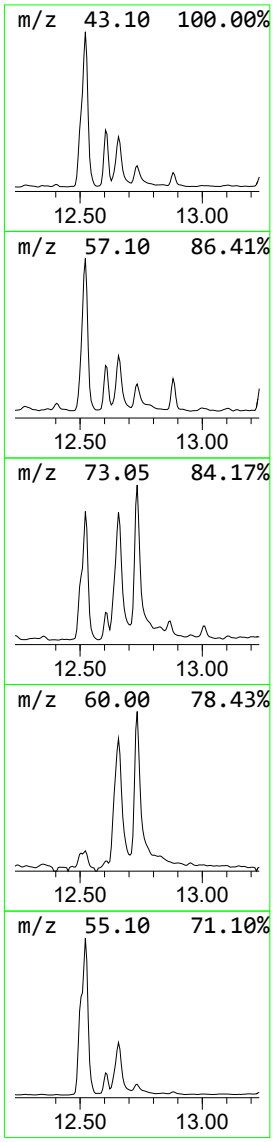
Peak Number 16 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	3.74 ng	150263	Phenanthrene-d10	11.422

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	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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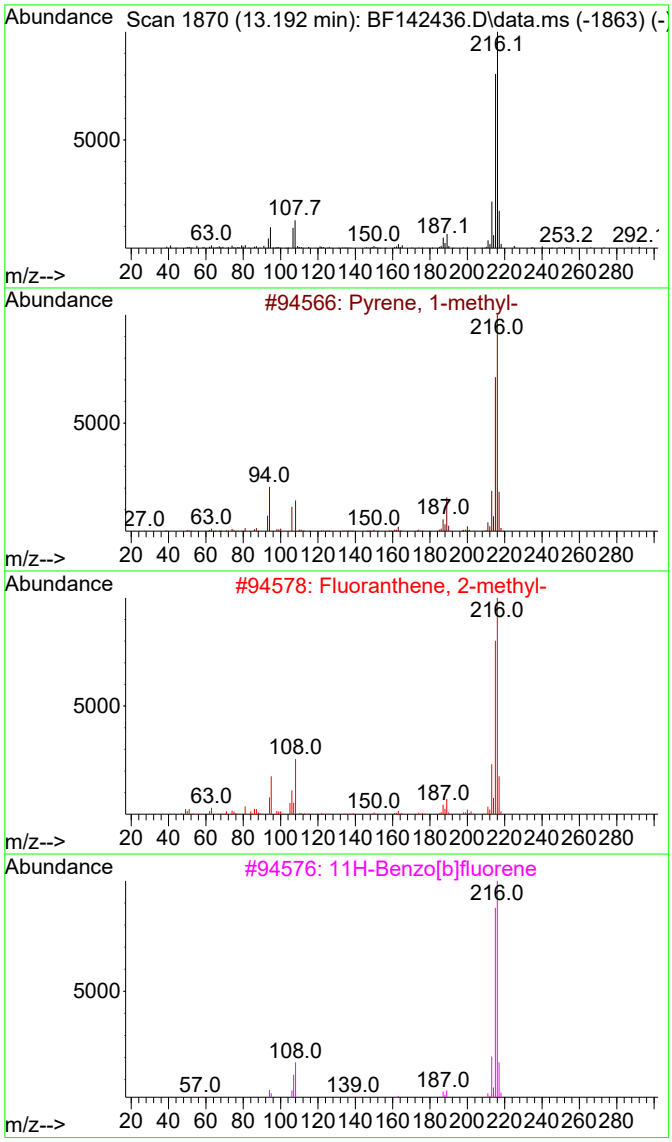
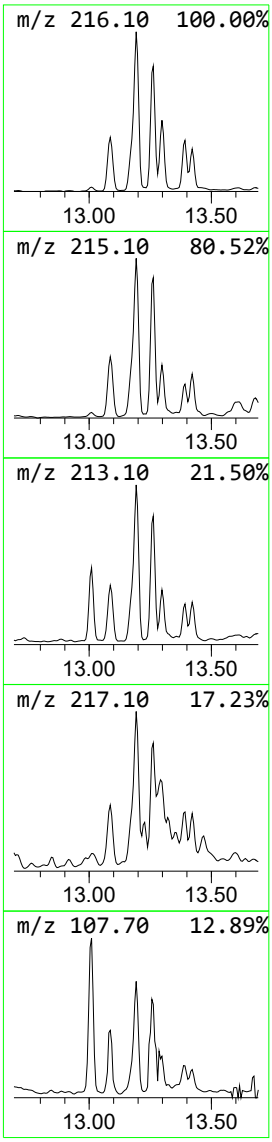
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.88 ng	293036	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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

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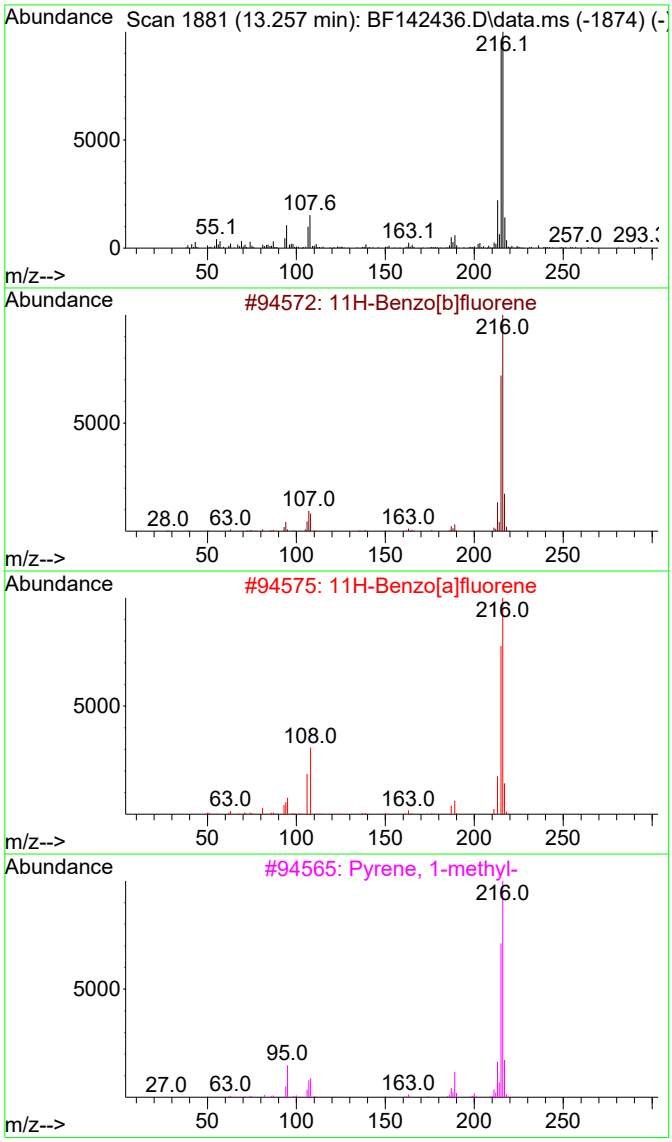
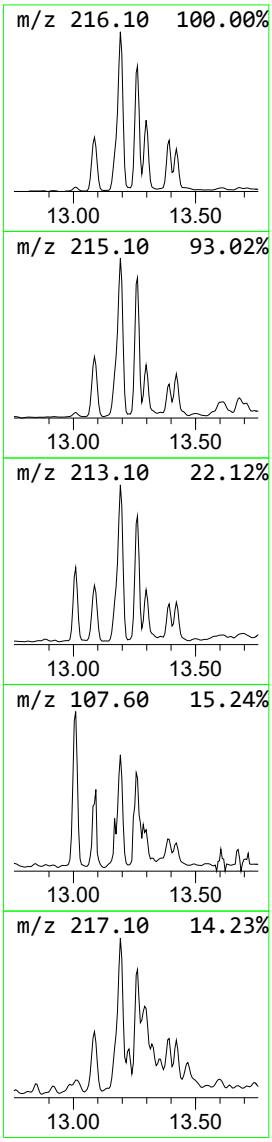
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.66 ng	275876	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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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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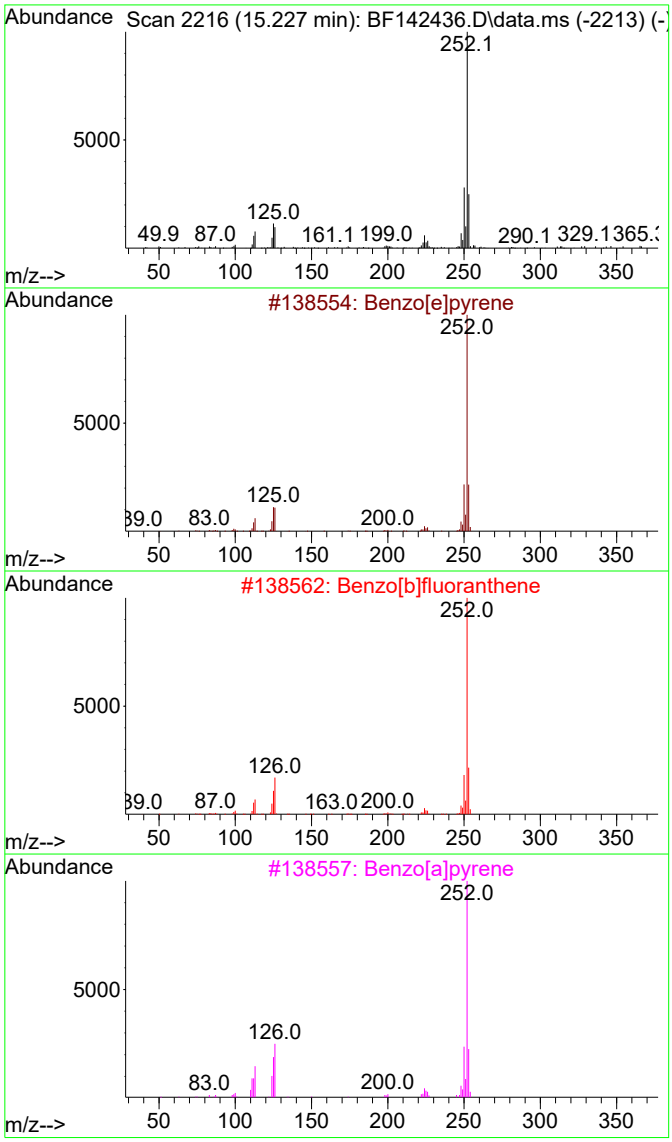
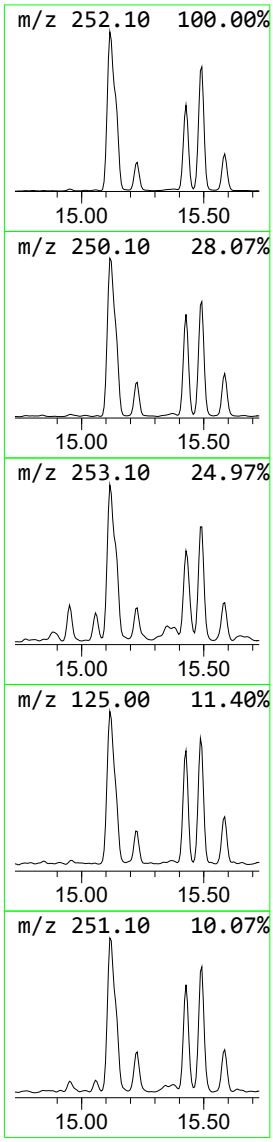
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	3.53 ng	84871	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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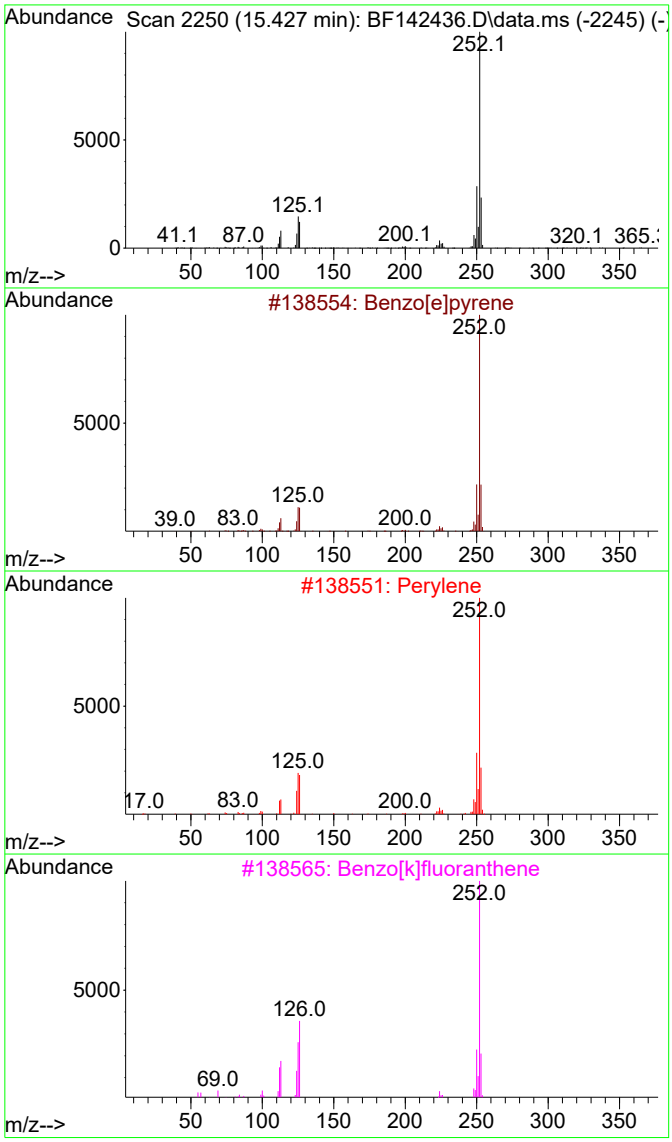
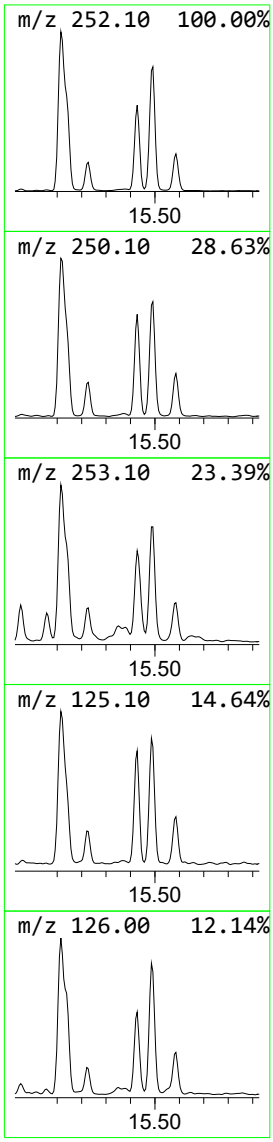
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	13.07 ng	314223	Perylene-d12	15.557

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142436.D
Acq On : 16 May 2025 19:40
Operator : RC/JU
Sample : Q2055-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	6.5	ng	264693	1	6.904	810911	20.0
1-Propanol, 3-p...	8.492	3.3	ng	167564	2	8.181	1010700	20.0
Tetradecane	9.333	2.9	ng	128630	3	9.939	890669	20.0
Hexadecane	9.863	3.9	ng	174184	3	9.939	890669	20.0
unknown10.028	10.028	10.1	ng	448560	3	9.939	890669	20.0
Pentadecane, 7-...	10.363	4.8	ng	213220	3	9.939	890669	20.0
Heptadecane	10.839	7.1	ng	284621	4	11.422	804538	20.0
Tridecane, 6-me...	11.286	4.7	ng	187235	4	11.422	804538	20.0
Naphtho[2,1-b]t...	11.316	3.3	ng	131958	4	11.422	804538	20.0
Tridecane	11.716	4.1	ng	166440	4	11.422	804538	20.0
Hexadecanoic ac...	11.816	23.5	ng	944990	4	11.422	804538	20.0
n-Hexadecanoic ...	11.945	16.8	ng	676975	4	11.422	804538	20.0
4H-Cyclopenta[d...	12.039	8.9	ng	356567	4	11.422	804538	20.0
6-Phenylbenzocy...	12.222	3.9	ng	155881	4	11.422	804538	20.0
12-Octadecenoic...	12.521	108.8	ng	4376870	4	11.422	804538	20.0
Octadecanoic acid	12.733	3.7	ng	150263	4	11.422	804538	20.0
Pyrene, 1-methyl-	13.192	3.9	ng	293036	5	14.063	1509120	20.0
11H-Benzo[b]flu...	13.257	3.7	ng	275876	5	14.063	1509120	20.0
Benzo[e]pyrene	15.227	3.5	ng	84871	6	15.557	480986	20.0
Perylene	15.427	13.1	ng	314223	6	15.557	480986	20.0