LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.111	3	4	19	rVB	1264306	1258054	27.81%	2.955%
2	2.234	21	25	32	rVB	39262	53893	1.19%	0.127%
3	5.104	509	513	519	rBV	45727	63129	1.40%	0.148%
4	5.493	575	579	598	rBV	4381138	4229726	93.51%	9.936%
5	6.487	744	748	767	rBV	4320982	4425534	97.84%	10.395%
6	6.845	806	809	829	rBV	1285285	1107254	24.48%	2.601%
7	7.404	900	904	933	rBV	2865815	2742971	60.64%	6.443%
8	8.122	1022	1026	1040	rBV	1537933	1460703	32.29%	3.431%
9	9.198	1205	1209	1221	rBV	5079826	4523312	100.00%	10.625%
10	9.875	1321	1324	1328	rBV	1820863	1629136	36.02%	3.827%
11	9.910	1328	1330	1338	rVB	39255	48728	1.08%	0.114%
12	10.669	1455	1459	1471	rBV	2431746	2362059	52.22%	5.548%
13	10.804	1478	1482	1486	rBV2	86408	92451	2.04%	0.217%
14	11.181	1543	1546	1550	rBV	82865	84360	1.87%	0.198%
15	11.275	1559	1562	1567	rVB2	86359	97395	2.15%	0.229%
16	11.375	1575	1579	1581	rBV	1637527	1661554	36.73%	3.903%
17	11.398	1581	1583	1588	rVV	1176782	979725	21.66%	2.301%
18	11.451	1589	1592	1595	rVB	104343	103196	2.28%	0.242%
19	11.628	1617	1622	1628	rBV3	44292	71839	1.59%	0.169%
20	11.710	1633	1636	1641	rVB3	39822	54481	1.20%	0.128%
21	11.880	1661	1665	1667	rBV	162301	158472	3.50%	0.372%
22	11.904	1667	1669	1675	rVB	210828	243045	5.37%	0.571%
23	11.986	1680	1683	1686	rVV2	173459	211212	4.67%	0.496%
24	12.016	1686	1688	1692	rVB	127699	113915	2.52%	0.268%
25	12.180	1713	1716	1718	rBV	130637	123658	2.73%	0.290%
26	12.204	1718	1720	1726	rVB2	82200	93727	2.07%	0.220%
27	12.433	1756	1759	1761	rBV	117118	109741	2.43%	0.258%
28	12.516	1771	1773	1777	rBV	137158	136935	3.03%	0.322%
29	12.592	1782	1786	1792	rBV	1973721	1778226	39.31%	4.177%
30	12.822	1819	1825	1829	rBV2	1505307	1525098	33.72%	3.582%
31	12.875	1832	1834	1839	rVB2	102940	119289	2.64%	0.280%
32	12.945	1843	1846	1847	rBV	112526	88357	1.95%	0.208%
33	12.975	1847	1851	1858	rVB	4232849	3933932	86.97%	9.241%
34	13.051	1858	1864	1871	rVB3	106646	194366	4.30%	0.457%
35	13.133	1875	1878	1880	rBV3	106051	128959	2.85%	0.303%
36	13.216	1889	1892	1896	rVB4	51806	66610	1.47%	0.156%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.263	1896	1900	1903	rBV2	173259	196897	4.35%	0.463%
38	13.351	1912	1915	1918	rVB	78772	79835	1.76%	0.188%
39	13.386	1918	1921	1925	rBV2	55473	78347	1.73%	0.184%
40	13.563	1948	1951	1953	rVB2	56571	51516	1.14%	0.121%
41	13.669	1966	1969	1977	rVB	230936	236477	5.23%	0.555%
42	13.780	1984	1988	1991	rBV2	125243	141814	3.14%	0.333%
43	13.810	1991	1993	1995	rVV	103464	77239	1.71%	0.181%
44	13.892	2002	2007	2015	rVB2	198693	332397	7.35%	0.781%
45	14.033	2024	2031	2034	rBV2	1342778	1853073	40.97%	4.353%
46	14.057	2034	2035	2044	rVB	616402	556478	12.30%	1.307%
47	14.216	2059	2062	2065	rVB3	71181	66682	1.47%	0.157%
48	14.427	2093	2098	2101	rBV2	101061	106691	2.36%	0.251%
49	14.463	2101	2104	2108	rVB2	57595	63814	1.41%	0.150%
50	14.521	2111	2114	2117	rVB2	79108	73698	1.63%	0.173%
51	14.845	2167	2169	2175	rVB2	44140	65175	1.44%	0.153%
52	14.927	2179	2183	2187	rVB2	60466	78785	1.74%	0.185%
53	15.104	2208	2213	2216	rBV	357434	529982	11.72%	1.245%
54	15.216	2229	2232	2236	rVB2	64742	81456	1.80%	0.191%
55	15.421	2262	2267	2274	rVB	181525	247170	5.46%	0.581%
56	15.486	2274	2278	2285	rBV	157207	204702	4.53%	0.481%
57	15.557	2285	2290	2299	rBV	782802	1089277	24.08%	2.559%
58	17.127	2552	2557	2569	rVB3	59917	151904	3.36%	0.357%
59	17.333	2587	2592	2596	rBV6	23683	48809	1.08%	0.115%
60	17.598	2632	2637	2645	rVB2	38688	84535	1.87%	0.199%

Sum of corrected areas: 42571795

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Data File : BF137506.D
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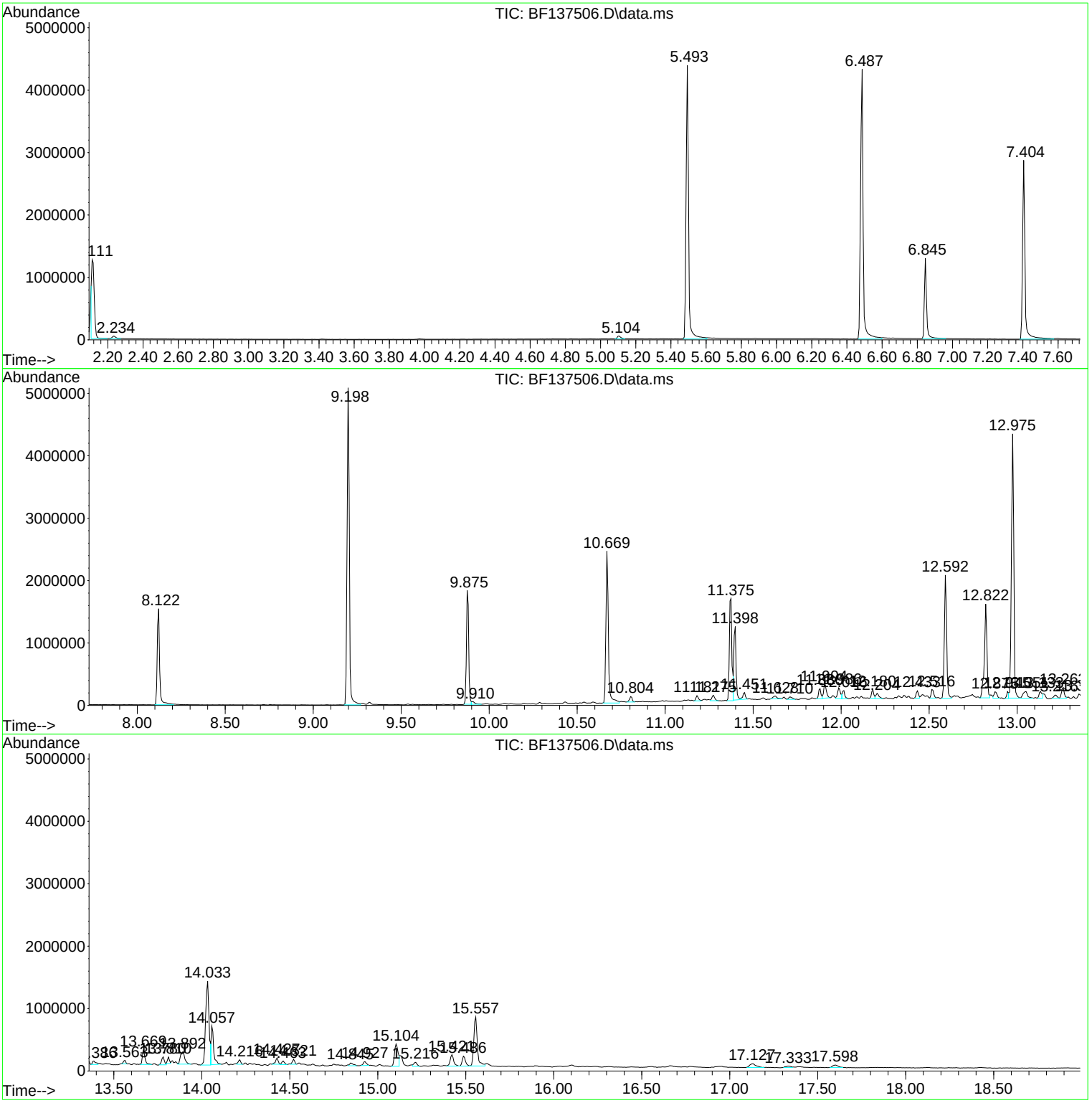
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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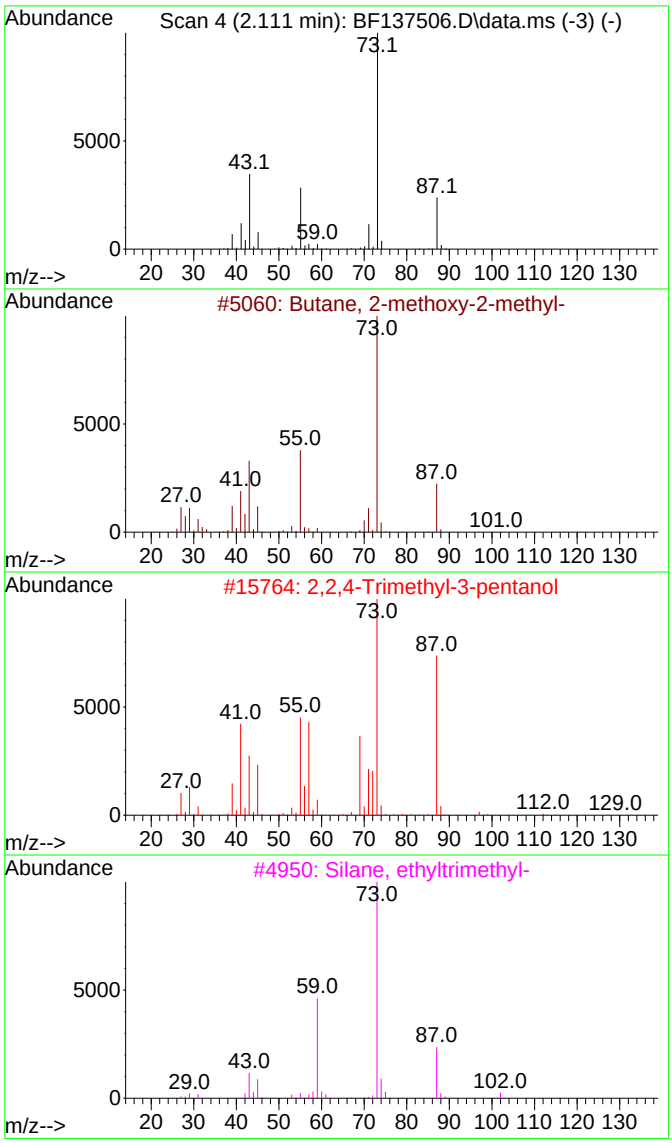
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

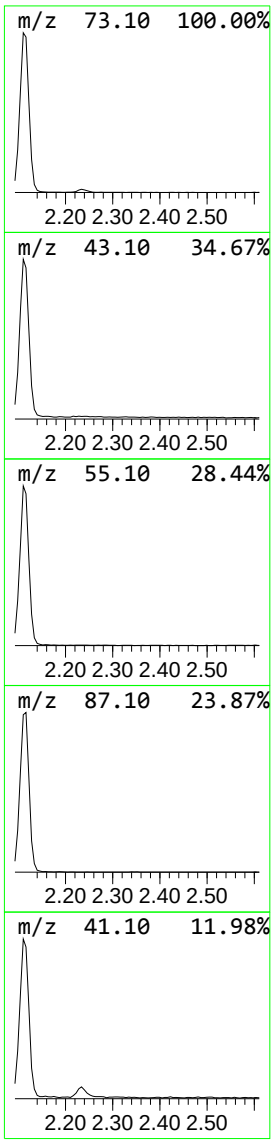
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	22.72 ng	1258050	1,4-Dichlorobenzene-d4	6.845

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, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

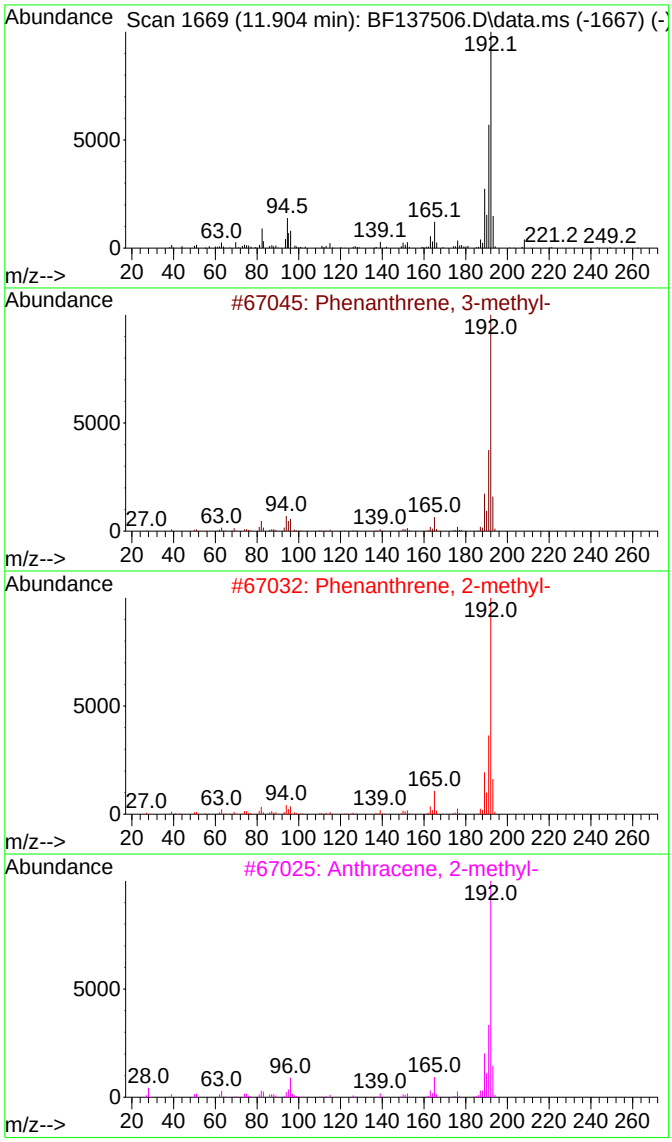
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

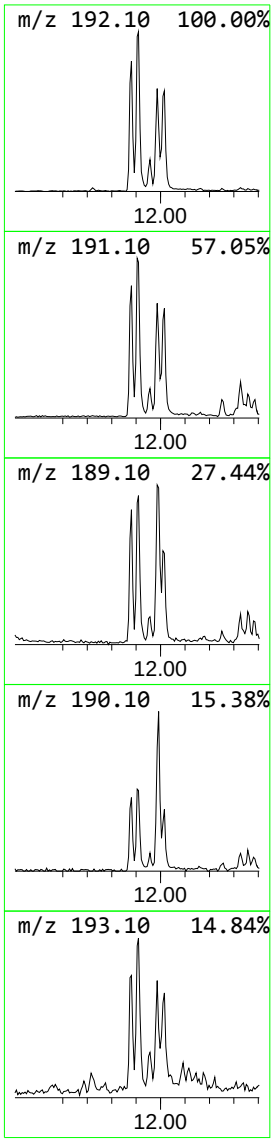
****

Peak Number 2 Phenanthrene, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	2.93 ng	243045	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

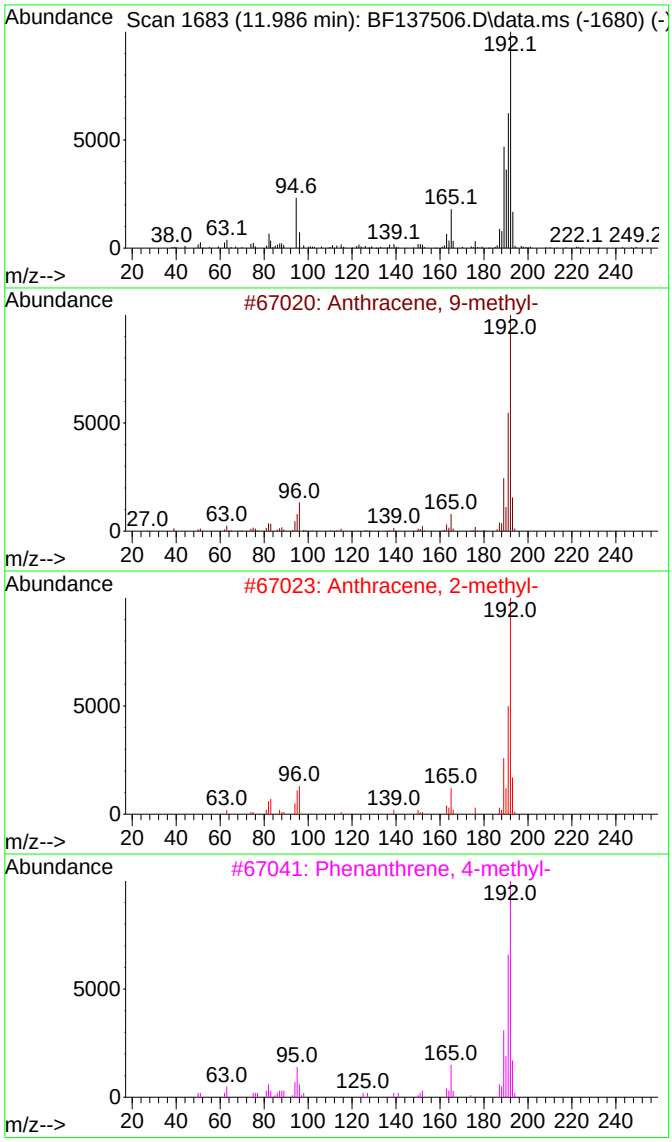
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

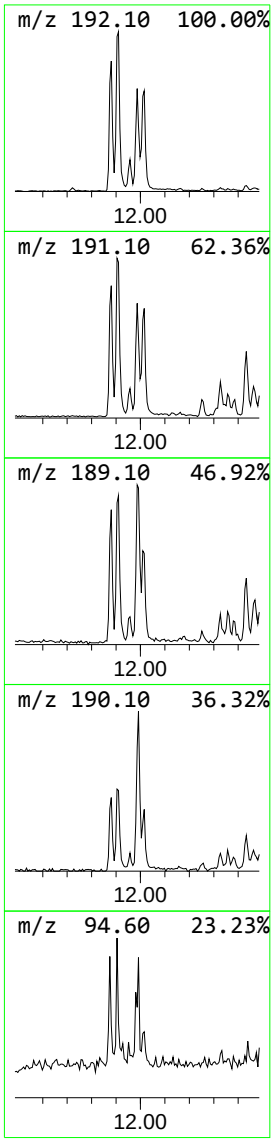
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.54 ng	211212	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

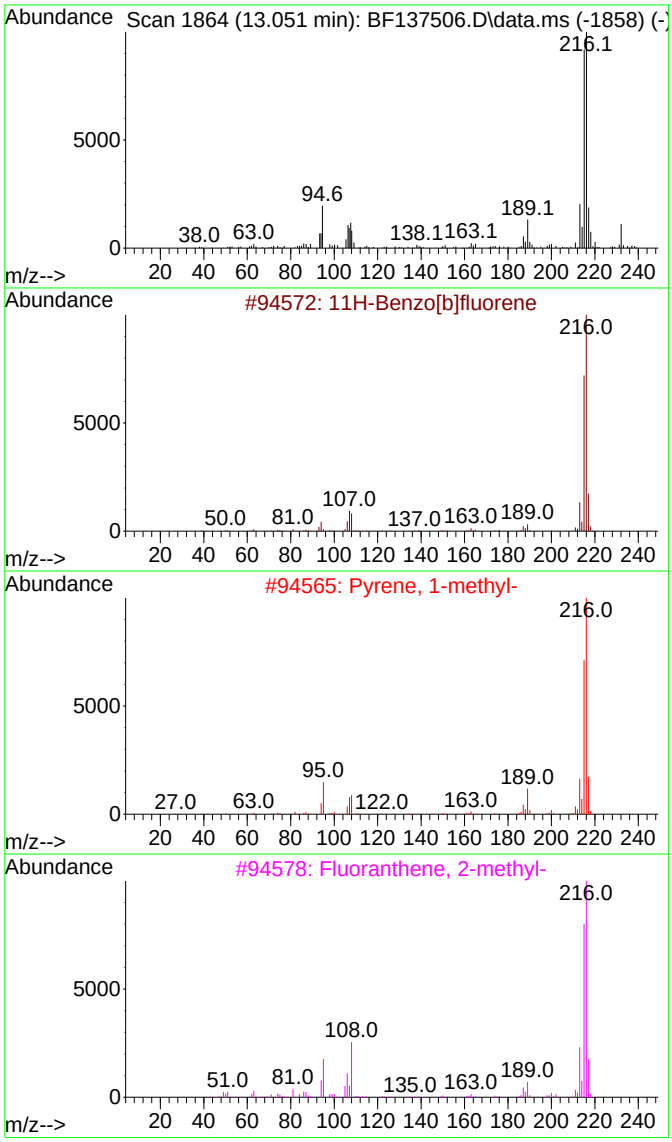
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

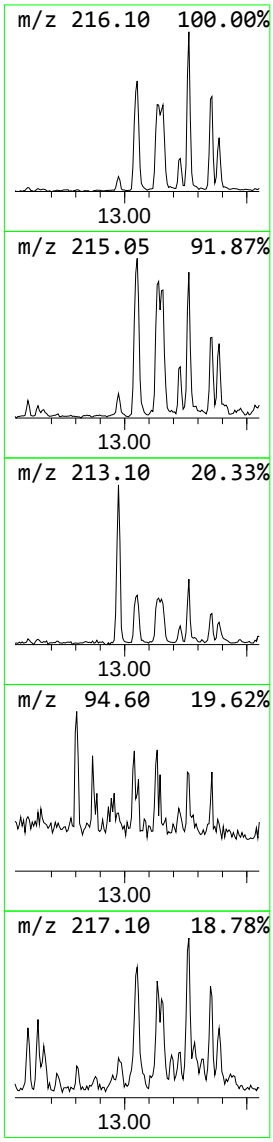
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.10 ng	194366	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

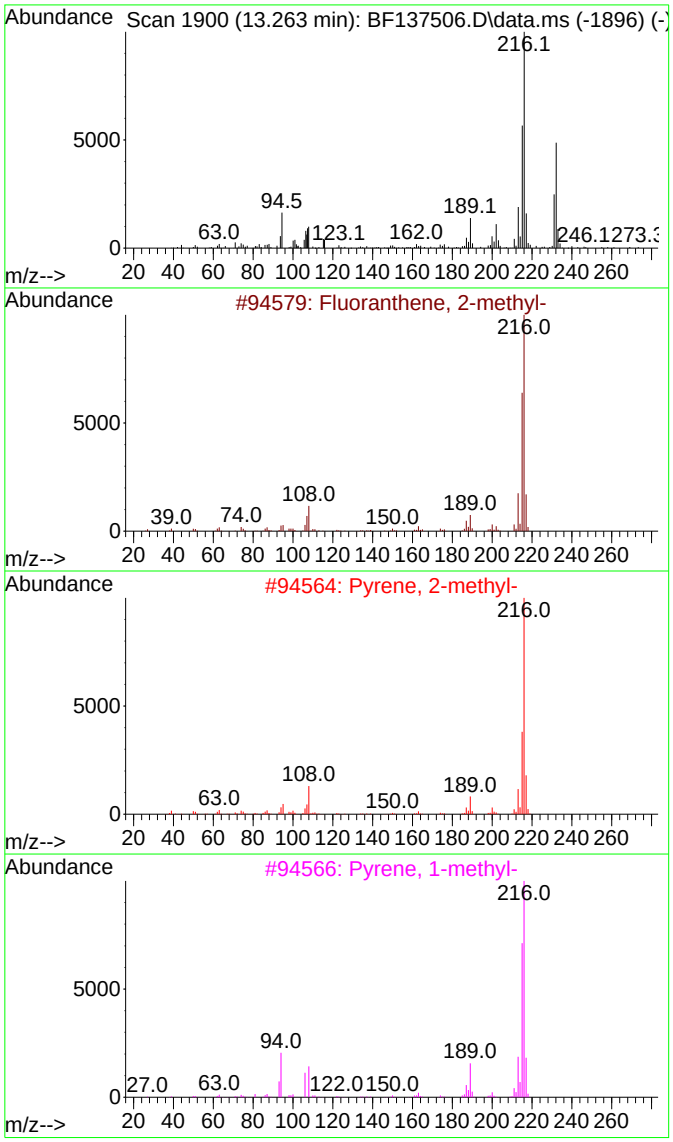
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

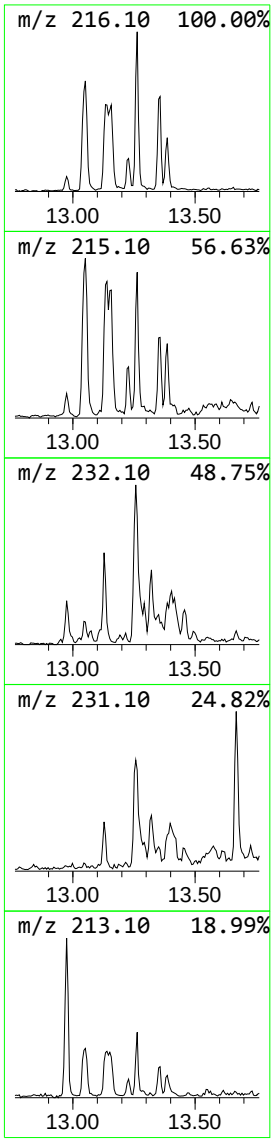
****

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.13 ng	196897	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

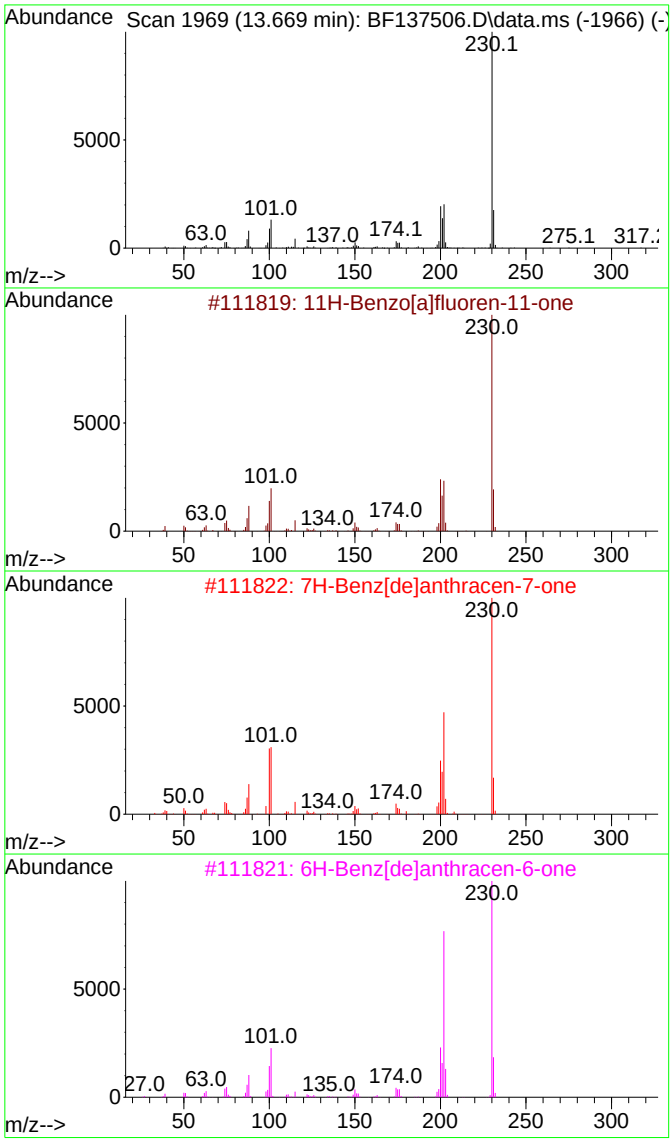
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

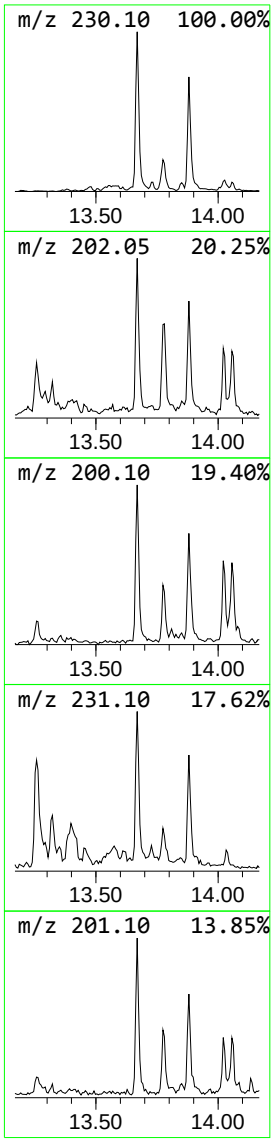
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.55 ng	236477	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

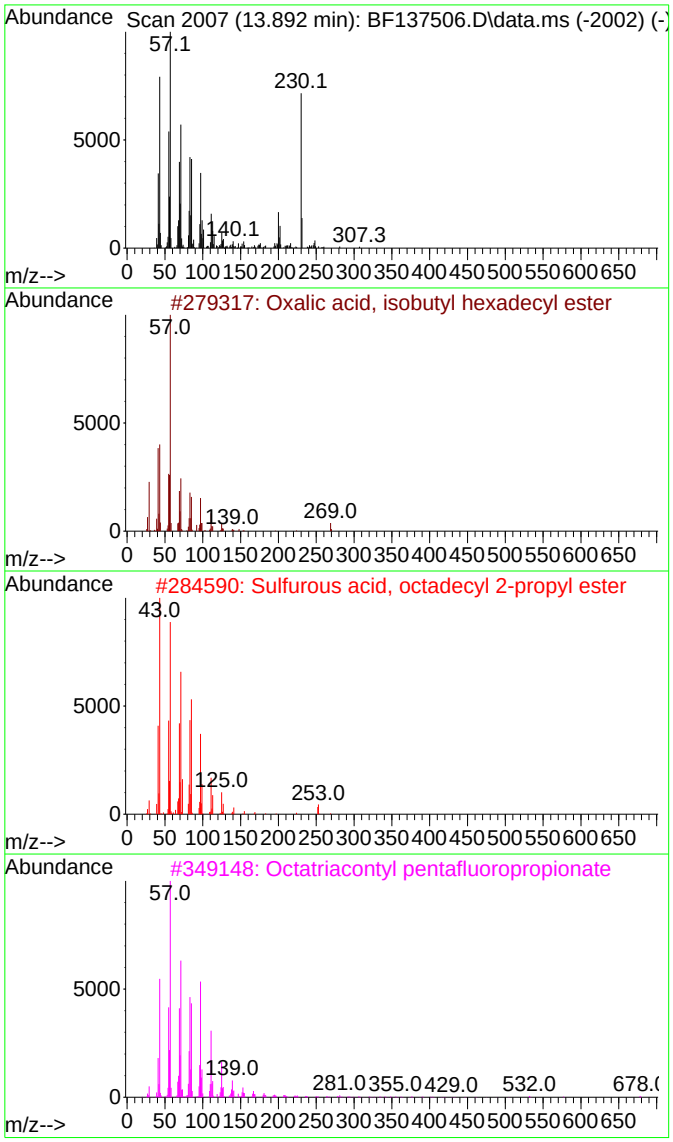
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

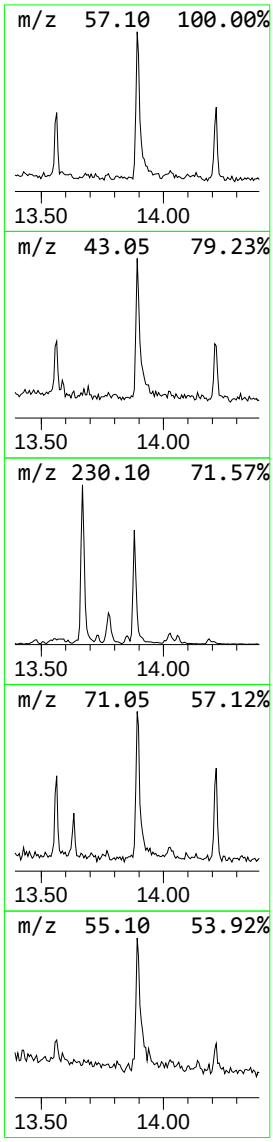
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, isobutyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.59 ng	332397	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	58
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	58
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	58
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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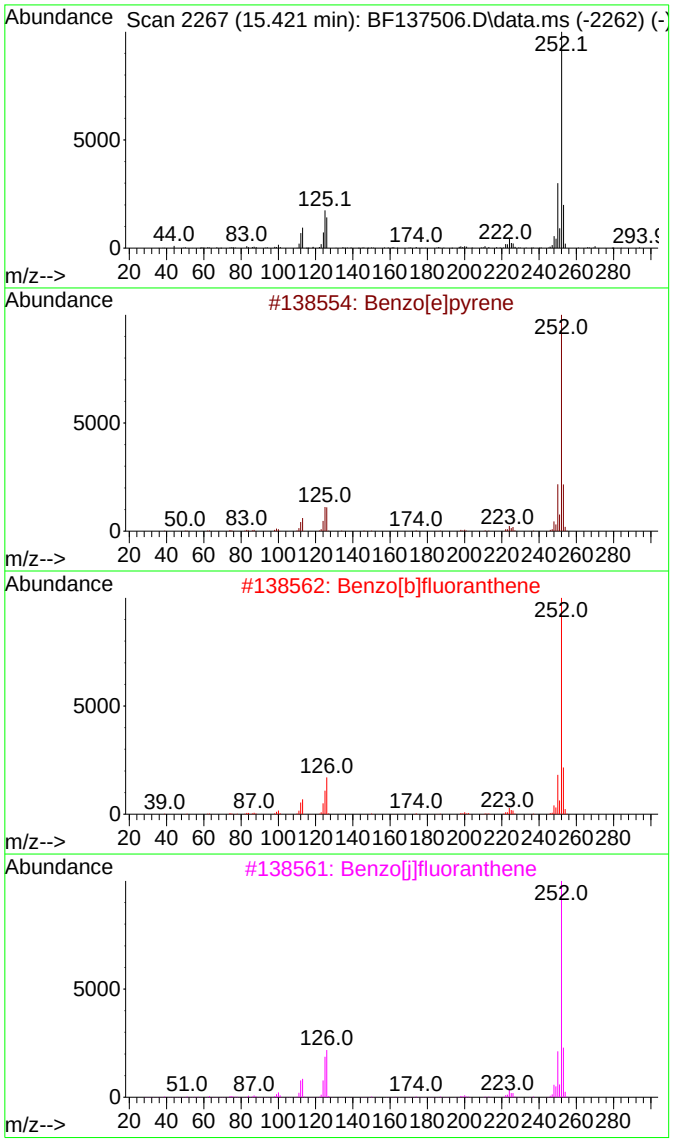
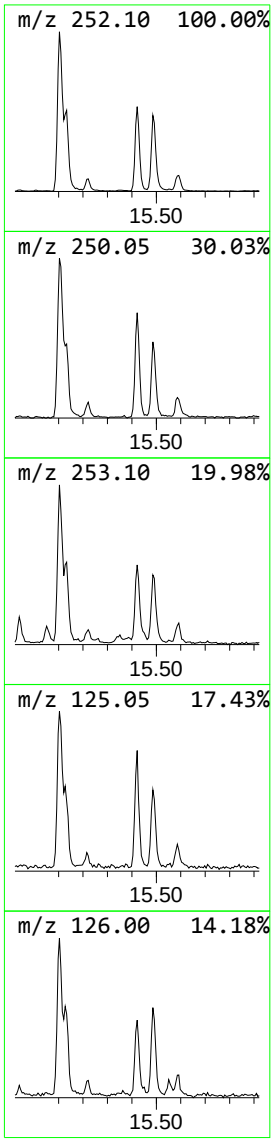
Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	4.54 ng	247170	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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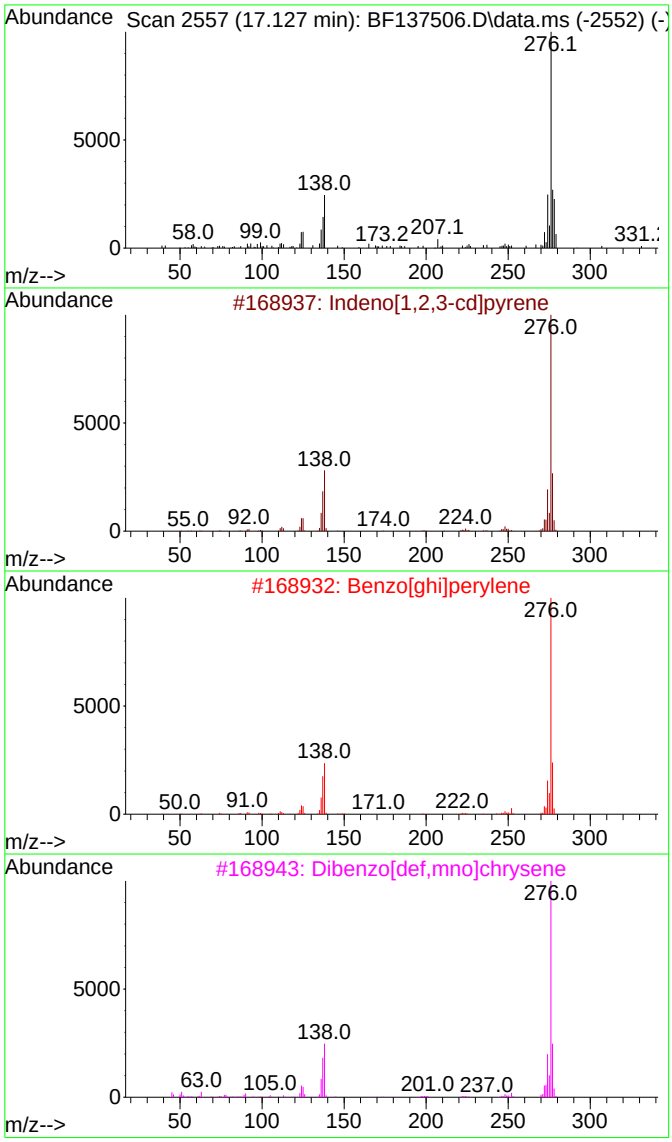
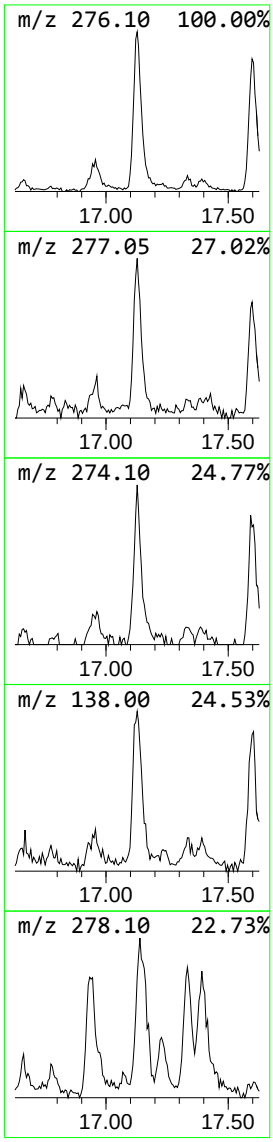
Peak Number 9 Indeno[1,2,3-cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.127	2.79 ng	151904	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137506.D
Acq On : 05 Mar 2024 18:04
Operator : CG\JU
Sample : P1674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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...	2.111	22.7	ng	1258050	1	6.845	1107250	20.0
Phenanthrene, 3...	11.904	2.9	ng	243045	4	11.375	1661550	20.0
Anthracene, 9-m...	11.986	2.5	ng	211212	4	11.375	1661550	20.0
11H-Benzo[b]flu...	13.051	2.1	ng	194366	5	14.033	1853070	20.0
Fluoranthene, 2...	13.263	2.1	ng	196897	5	14.033	1853070	20.0
11H-Benzo[a]flu...	13.669	2.6	ng	236477	5	14.033	1853070	20.0
Oxalic acid, is...	13.892	3.6	ng	332397	5	14.033	1853070	20.0
Benzo[e]pyrene	15.421	4.5	ng	247170	6	15.557	1089280	20.0
Indeno[1,2,3-cd...	17.127	2.8	ng	151904	6	15.557	1089280	20.0