LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHL-SS-18-2-4

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	582	rVV	1132957	1034075	2.08%	0.415%
2	6.439	736	740	748	rBV	1032592	993351	2.00%	0.398%
3	7.345	890	894	897	rBV	739922	573536	1.15%	0.230%
4	8.092	1009	1021	1024	rBV	4509335	5508543	11.08%	2.210%
5	8.786	1133	1139	1142	rBV	3979202	4082865	8.22%	1.638%
6	9.133	1192	1198	1202	rBV	1188315	1066340	2.15%	0.428%
7	9.239	1213	1216	1219	rBV	1080429	801703	1.61%	0.322%
8	9.398	1237	1243	1248	rBV	984922	1337470	2.69%	0.537%
9	9.539	1264	1267	1271	rVV	507873	508321	1.02%	0.204%
10	9.598	1274	1277	1280	rVV	1326922	1166938	2.35%	0.468%
11	9.857	1317	1321	1324	rVB	2109398	1892990	3.81%	0.759%
12	10.039	1346	1352	1354	rBV	3659952	4146090	8.34%	1.663%
13	10.169	1371	1374	1380	rVB	652159	584441	1.18%	0.234%
14	10.398	1405	1413	1416	rVV	5964723	10909502	21.95%	4.377%
15	10.510	1429	1432	1434	rVV	1220056	1144001	2.30%	0.459%
16	10.604	1443	1448	1454	rVV2	3009909	4634941	9.33%	1.859%
17	10.922	1495	1502	1504	rBV	928948	866514	1.74%	0.348%
18	11.016	1512	1518	1522	rBV3	906351	1370560	2.76%	0.550%
19	11.122	1533	1536	1540	rVB	553372	537783	1.08%	0.216%
20	11.216	1547	1552	1561	rVB	1632861	1749508	3.52%	0.702%
21	11.386	1564	1581	1583	rBV	7044123	18036673	36.29%	7.236%
22	11.527	1583	1605	1606	rBV2	7496783	49699712	100.00%	19.938%
23	11.680	1612	1631	1634	rVV	7371694	33921413	68.25%	13.608%
24	11.845	1656	1659	1661	rBV	1061058	985609	1.98%	0.395%
25	11.880	1661	1665	1666	rVV	2776133	3348546	6.74%	1.343%
26	11.939	1667	1675	1677	rVV2	6327215	15411180	31.01%	6.182%
27	11.957	1677	1678	1681	rVV2	3355562	3207500	6.45%	1.287%
28	11.986	1681	1683	1688	rVV	1145794	1123478	2.26%	0.451%
29	12.063	1688	1696	1697	rVV	1345453	2509479	5.05%	1.007%
30	12.086	1697	1700	1703	rVV	2181179	2456061	4.94%	0.985%
31	12.133	1705	1708	1712	rVV	1223436	997347	2.01%	0.400%
32	12.174	1712	1715	1718	rVB2	800458	949536	1.91%	0.381%
33	12.274	1729	1732	1735	rBV	1071798	1099005	2.21%	0.441%
34	12.386	1747	1751	1754	rBV	512458	597567	1.20%	0.240%
35	12.498	1763	1770	1775	rVB2	509097	799632	1.61%	0.321%
36	12.580	1775	1784	1786	rBV	6114005	12353335	24.86%	4.956%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.616	1786	1790	1797	rVV2	3879742	9172595	18.46%	3.680%
38	12.710	1797	1806	1810	rVV2	5071928	10611731	21.35%	4.257%
39	12.792	1814	1820	1821	rVV2	4064695	6007159	12.09%	2.410%
40	12.904	1835	1839	1840	rBV	1031802	1133873	2.28%	0.455%
41	12.921	1840	1842	1844	rVB	1358915	1019229	2.05%	0.409%
42	13.004	1850	1856	1859	rVB2	474019	760120	1.53%	0.305%
43	13.116	1871	1875	1878	rVB	1825334	1869914	3.76%	0.750%
44	13.180	1882	1886	1889	rBV	1933322	2075943	4.18%	0.833%
45	13.216	1889	1892	1894	rVV2	632457	709997	1.43%	0.285%
46	13.333	1910	1912	1921	rVB4	342479	663411	1.33%	0.266%
47	13.621	1958	1961	1964	rVV	735553	676649	1.36%	0.271%
48	13.733	1976	1980	1982	rBV	1117215	1176424	2.37%	0.472%
49	13.757	1982	1984	1986	rVV	545815	503326	1.01%	0.202%
50	13.780	1986	1988	1990	rVV	482409	500030	1.01%	0.201%
51	13.833	1994	1997	2004	rVB2	553015	756697	1.52%	0.304%
52	13.980	2015	2022	2024	rBV2	2167108	4220909	8.49%	1.693%
53	14.027	2024	2030	2033	rVB2	3518839	5857927	11.79%	2.350%
54	14.204	2053	2060	2062	rVV	3324563	5176333	10.42%	2.077%
55	15.039	2196	2202	2204	rBV	1100015	1723724	3.47%	0.692%
56	15.062	2204	2206	2208	rVV	673187	583578	1.17%	0.234%
57	15.339	2248	2253	2259	rVB	567452	804105	1.62%	0.323%
58	15.404	2259	2264	2268	rVB	704938	863834	1.74%	0.347%

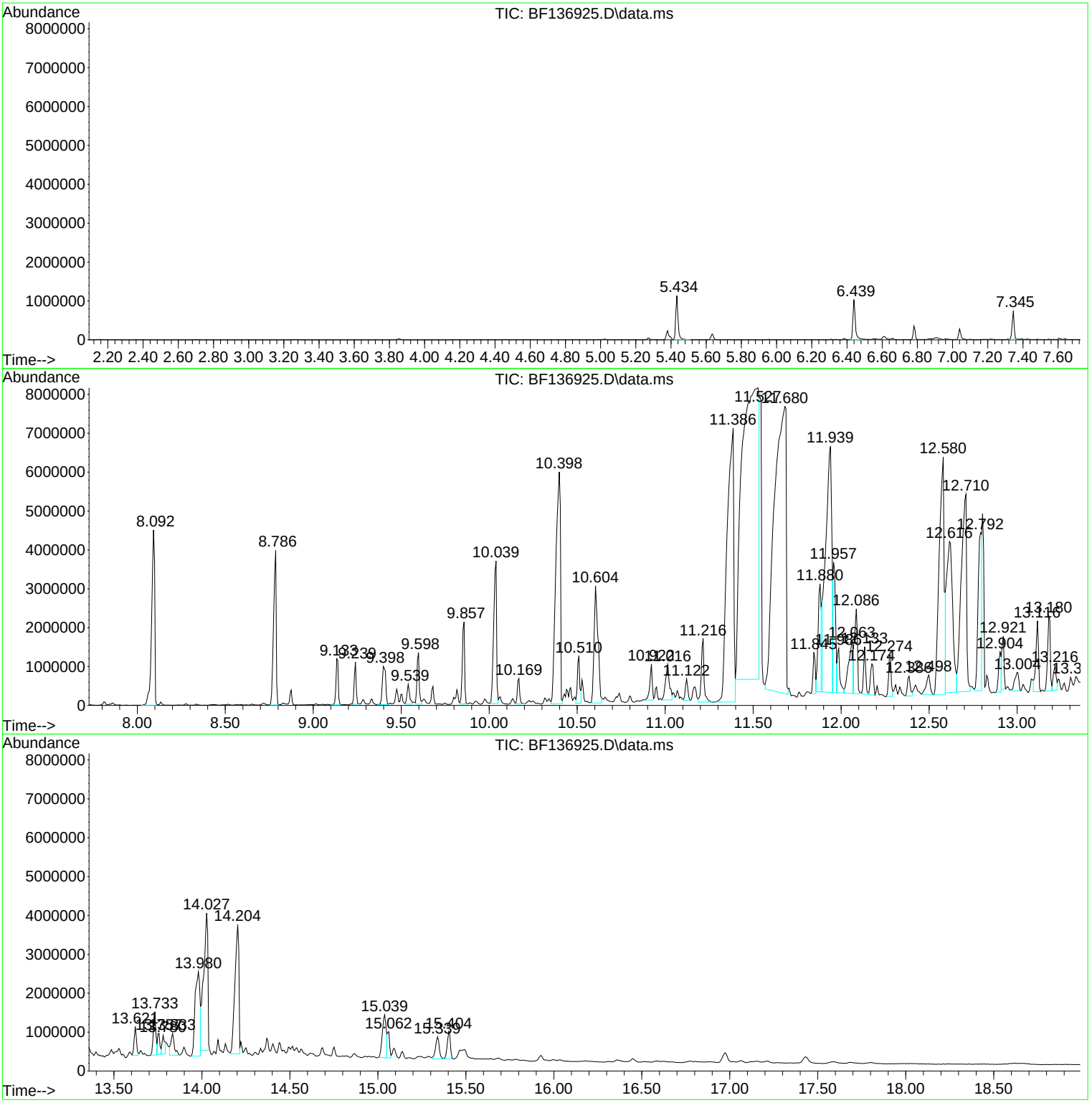
Sum of corrected areas: 249273053

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

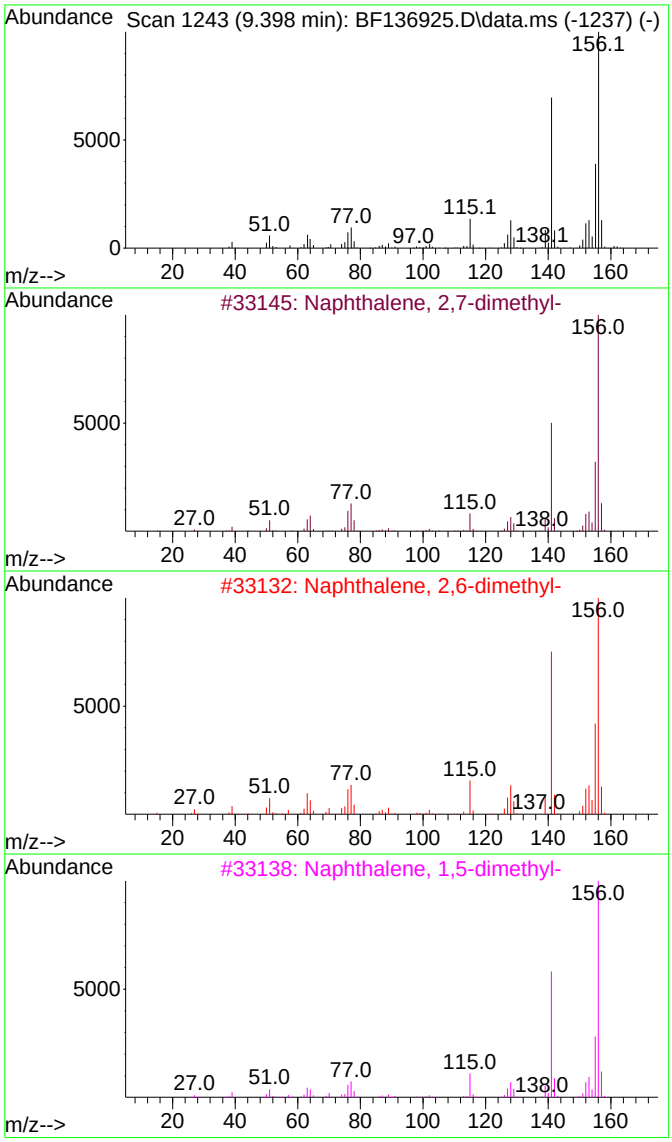
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

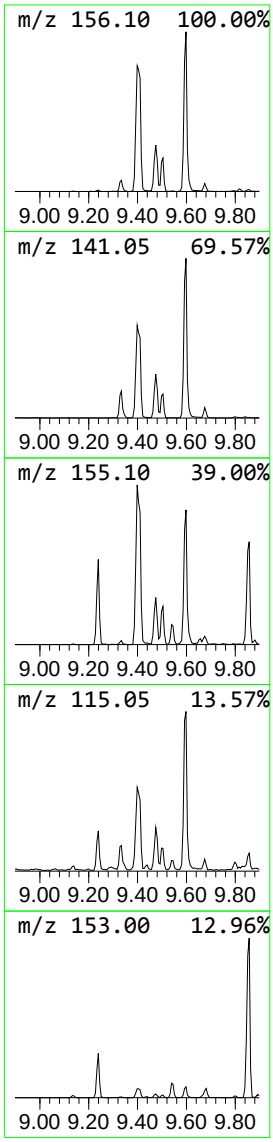
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	14.13 ng	1337470	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

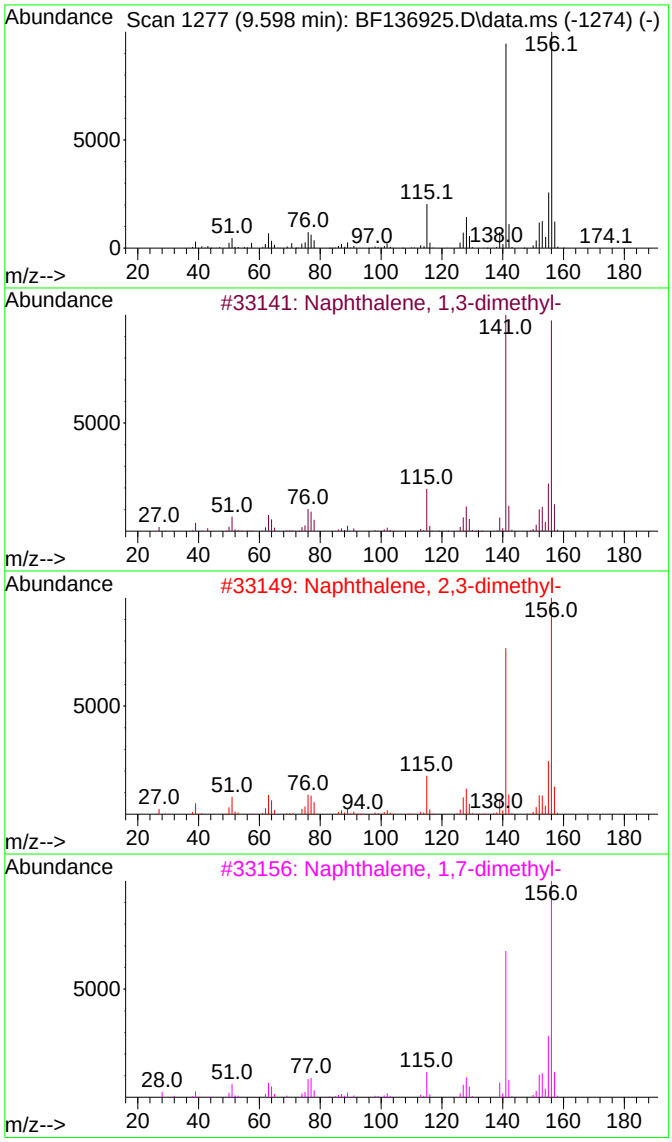
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

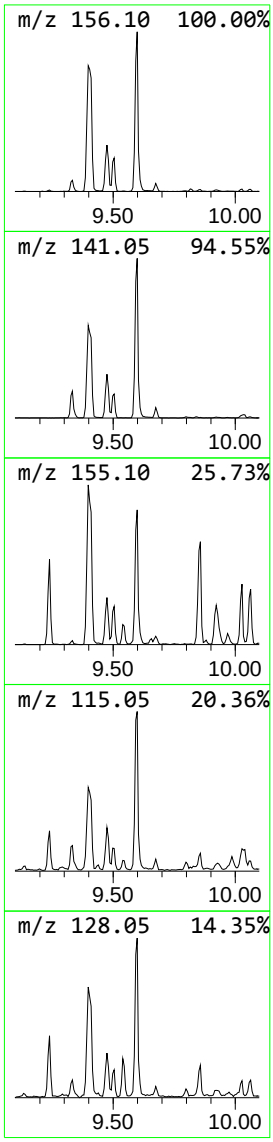
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	12.33 ng	1166940	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

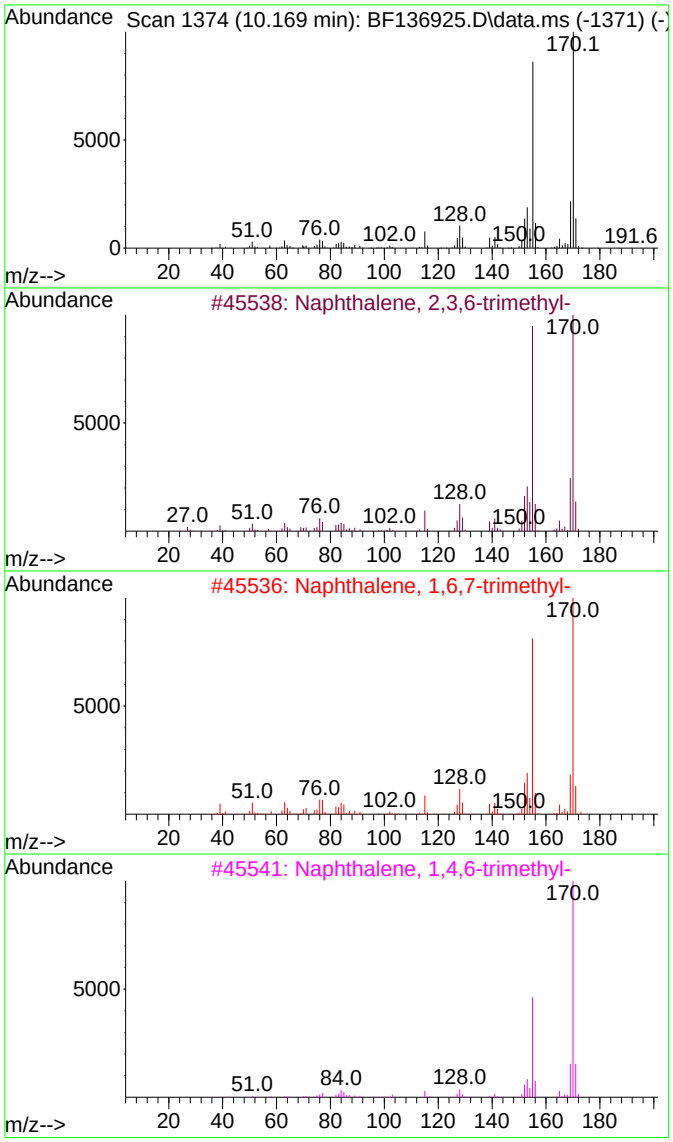
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

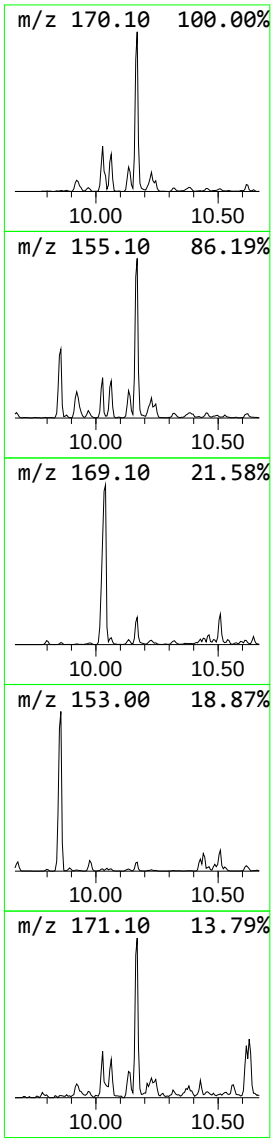
****

Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	6.17 ng	584441	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

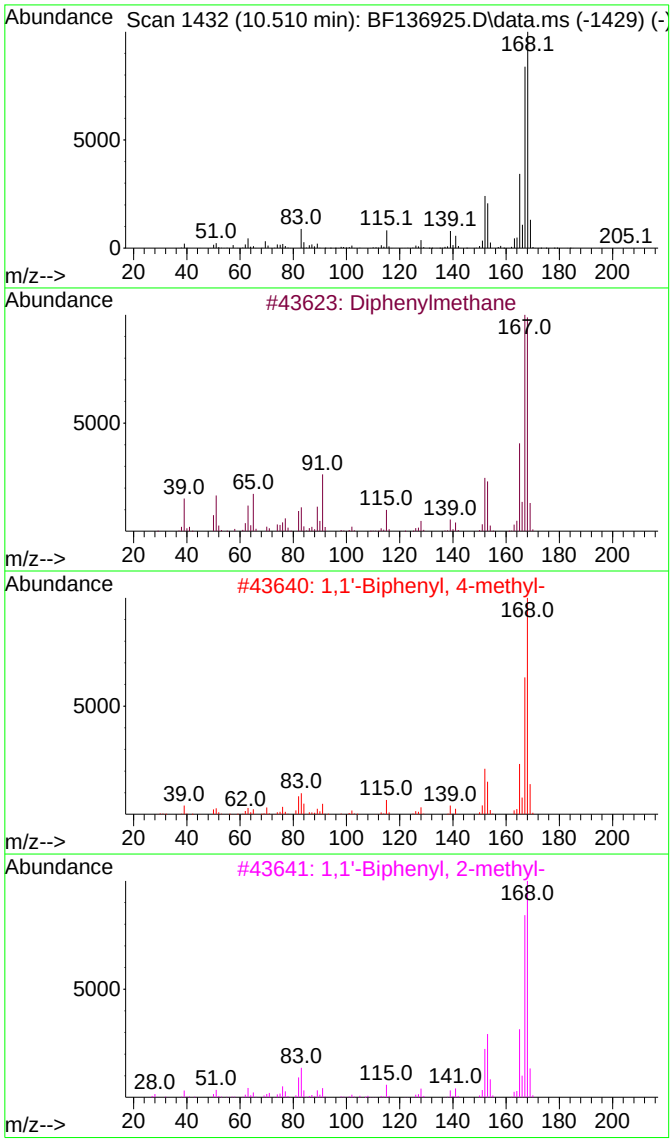
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

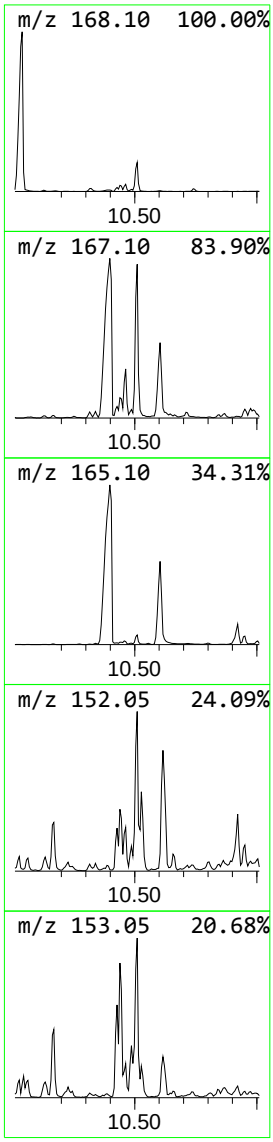
****

Peak Number 4 Diphenylmethane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	12.09 ng	1144000	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

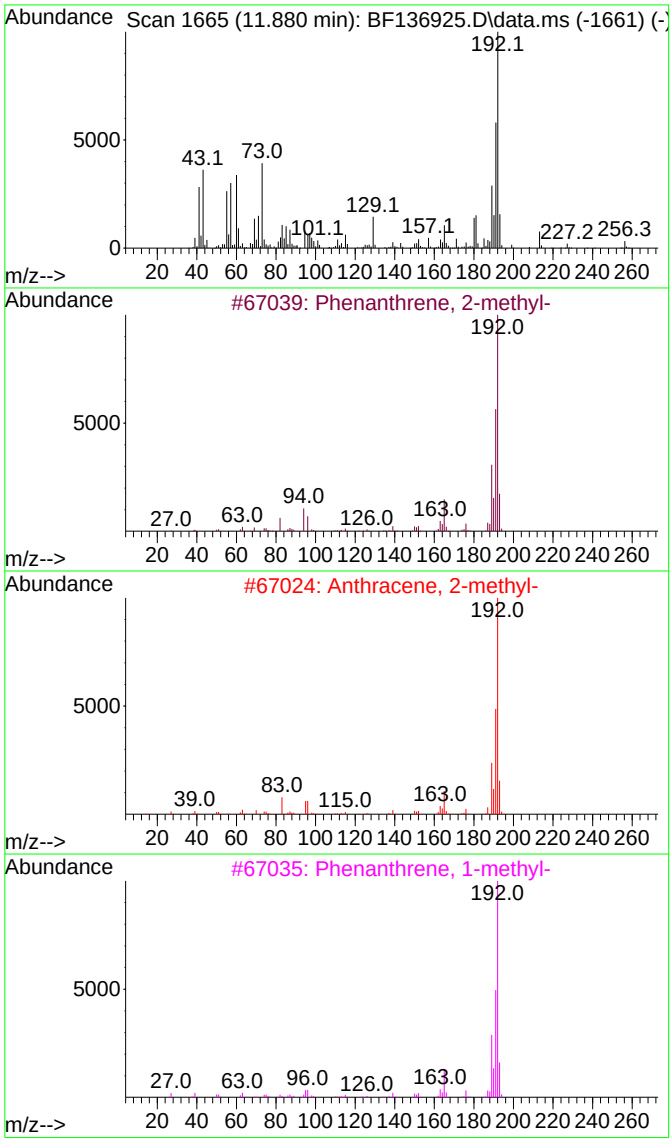
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

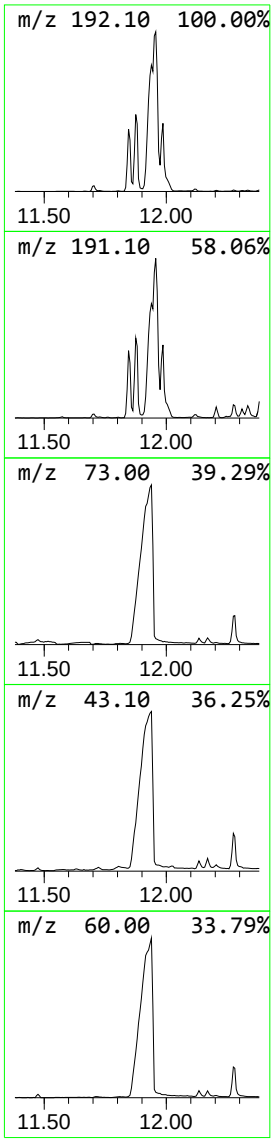
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	3.71 ng	3348550	Phenanthrene-d10	11.327

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

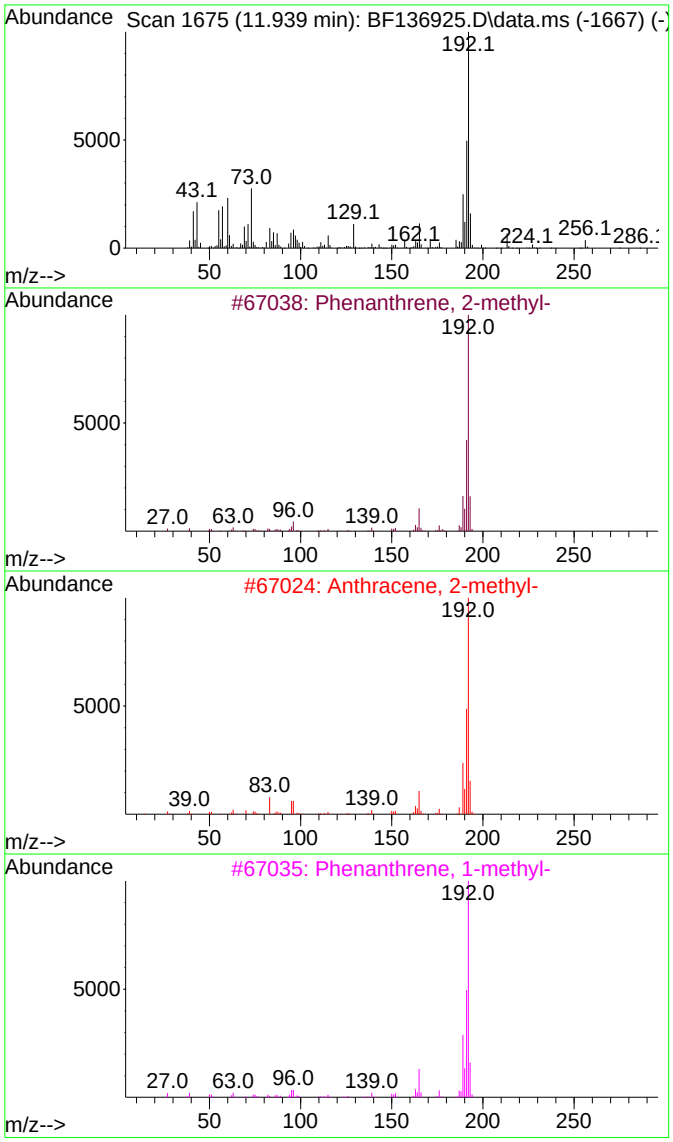
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

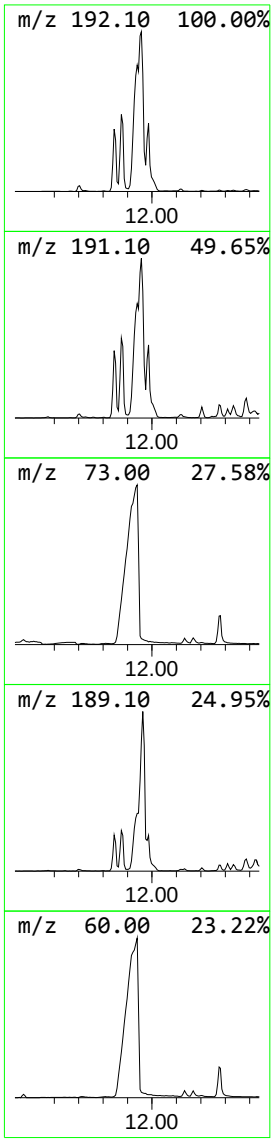
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	17.09 ng	15411200	Phenanthrene-d10	11.327

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

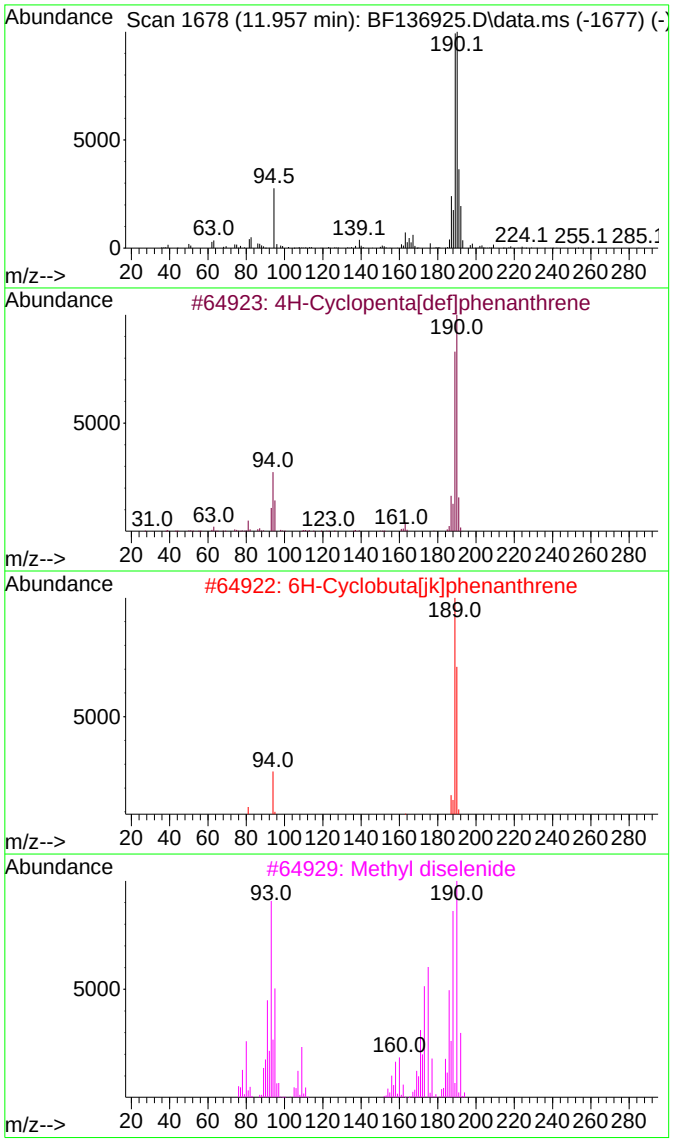
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

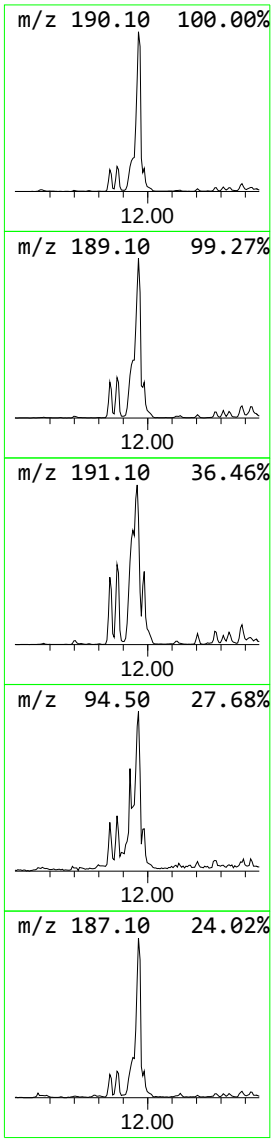
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.56 ng	3207500	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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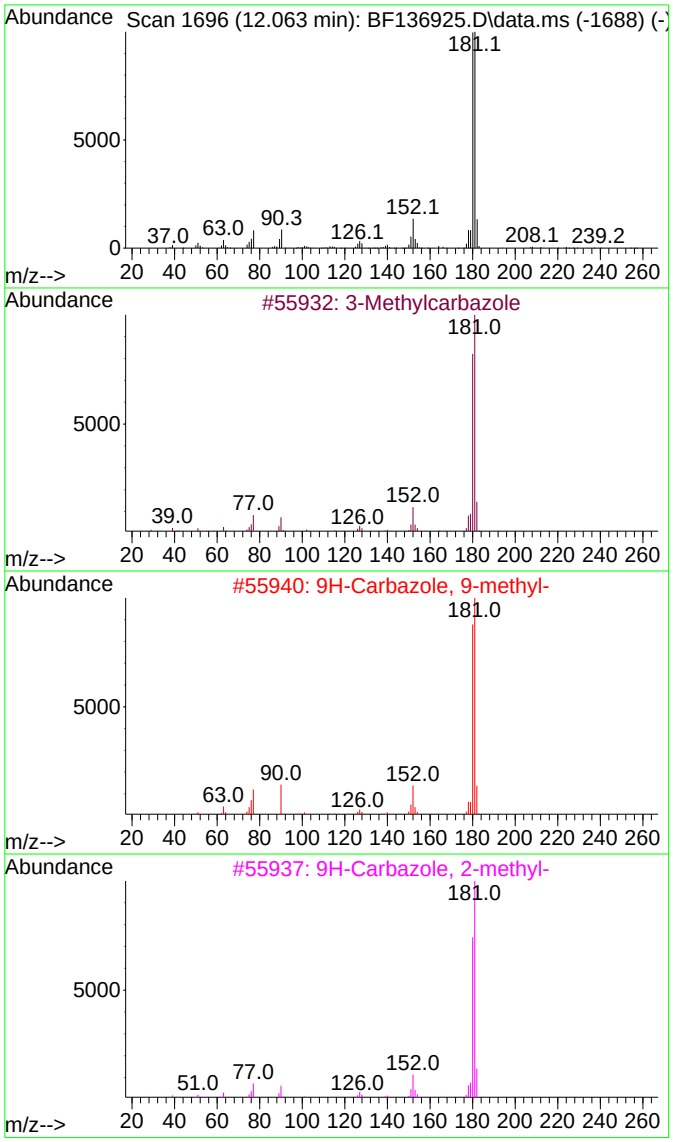
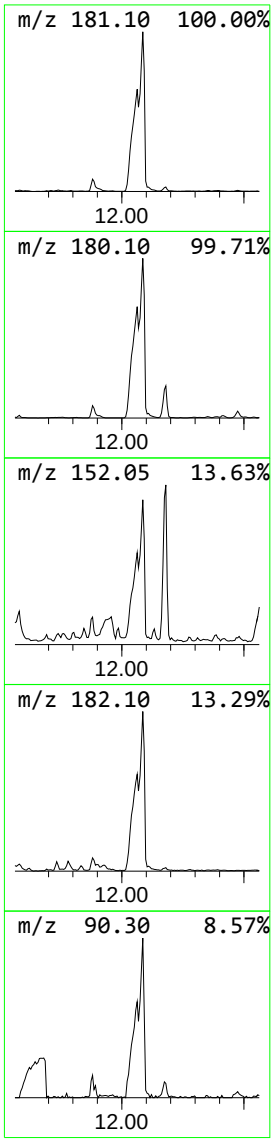
Peak Number 8 3-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.78 ng	2509480	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
4	4-Methylcarbazole	181	C13H11N	003770-48-7	96
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	95





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Acq On : 04 Jan 2024 00:31
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Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GHL-SS-18-2-4

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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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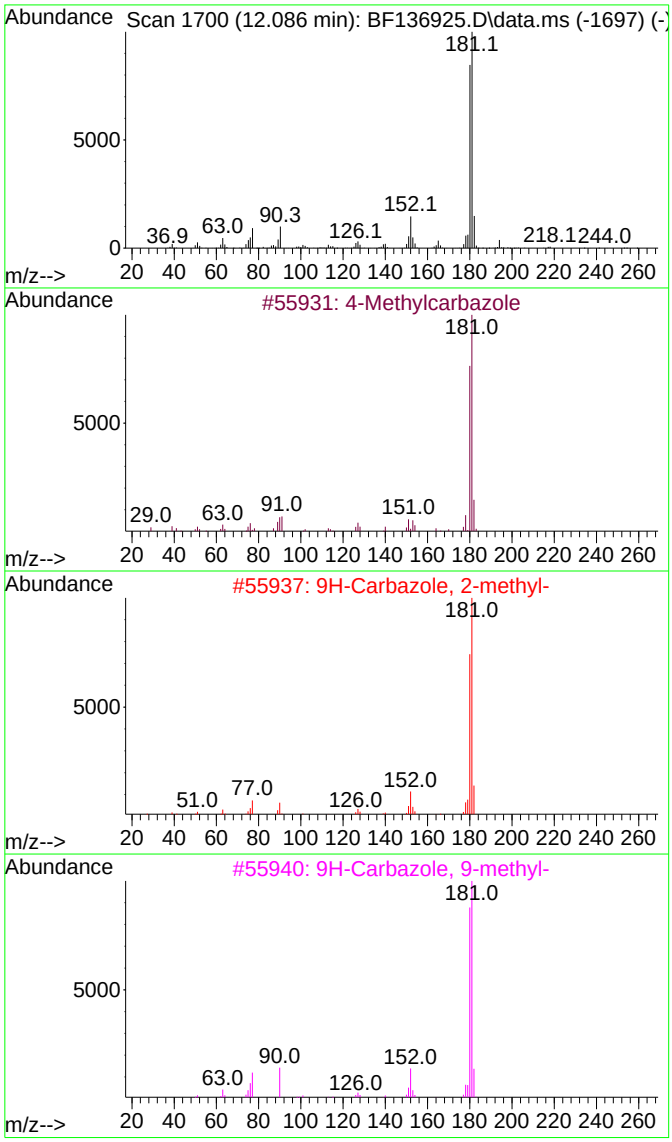
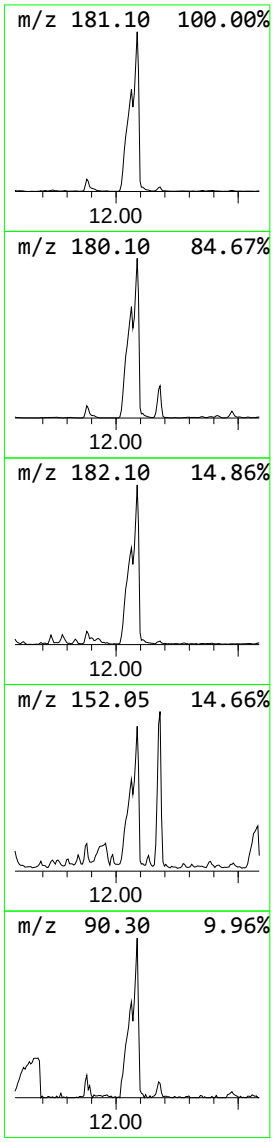
Peak Number 9 4-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	2.72 ng	2456060	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
4	3-Methylcarbazole	181	C13H11N	004630-20-0	96
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	95





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GHL-SS-18-2-4

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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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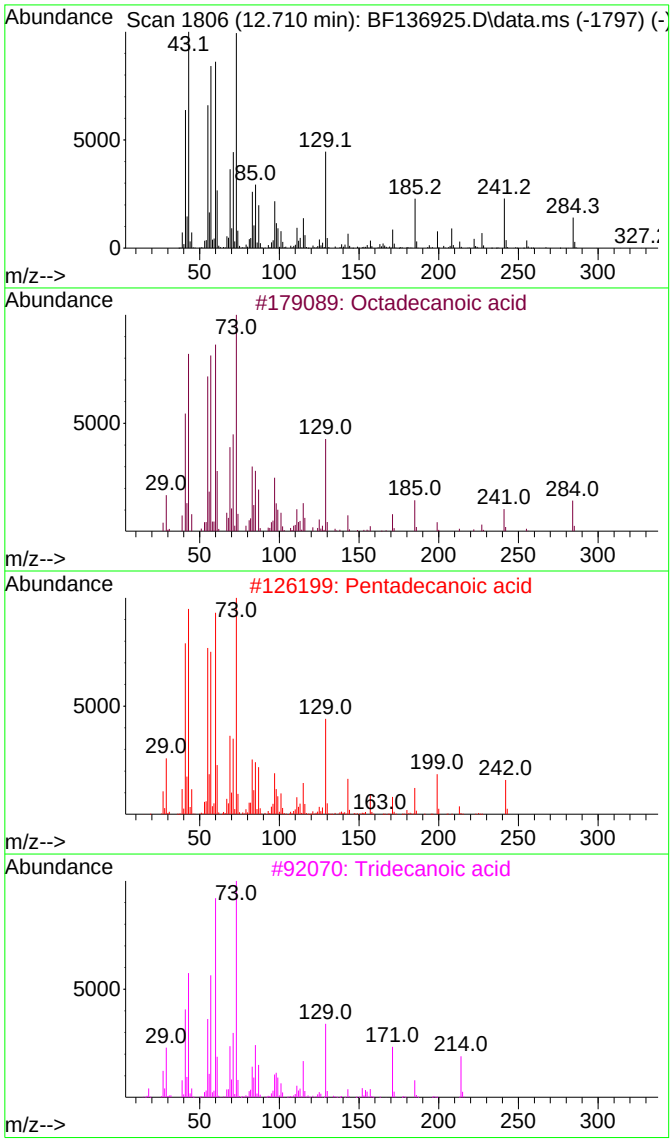
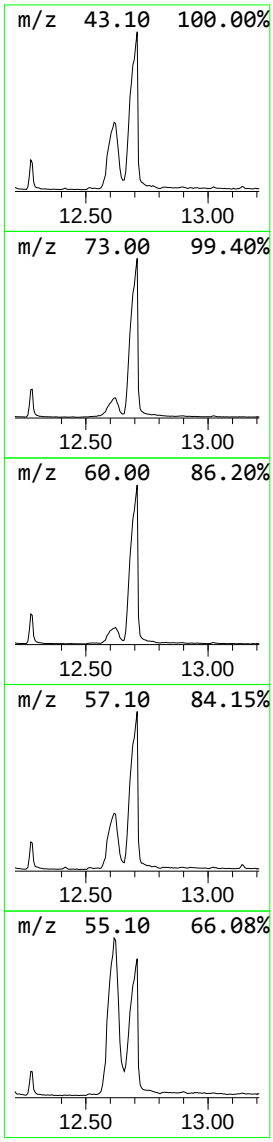
Peak Number 10 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	50.28 ng	10611700	Chrysene-d12	13.992

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	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

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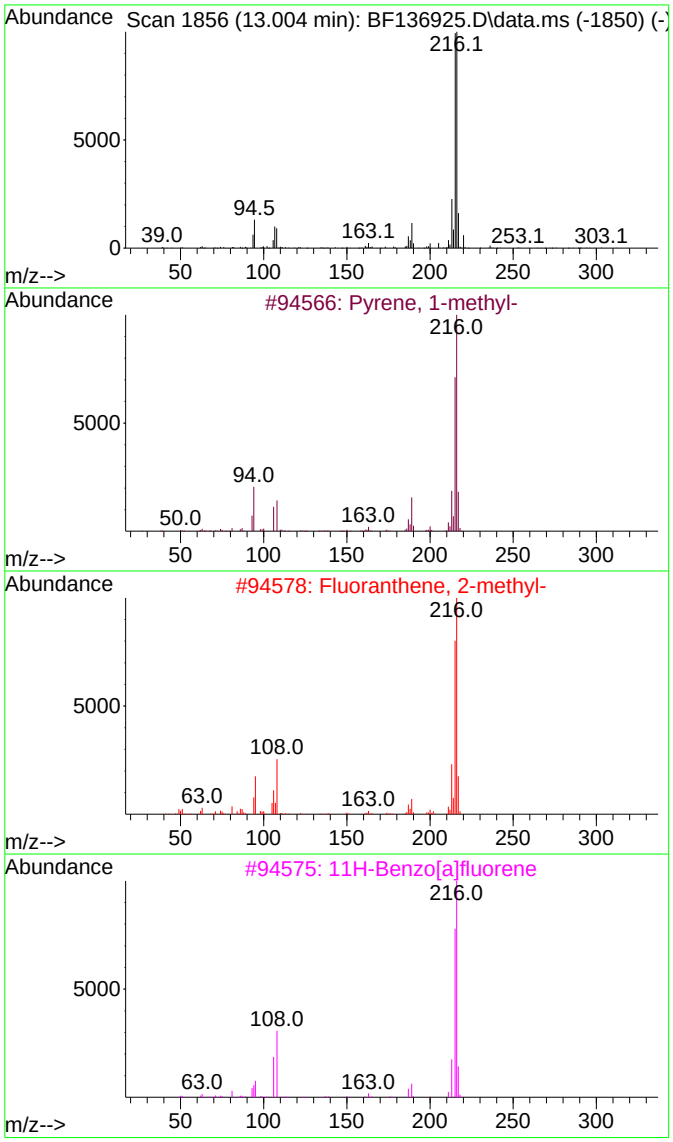
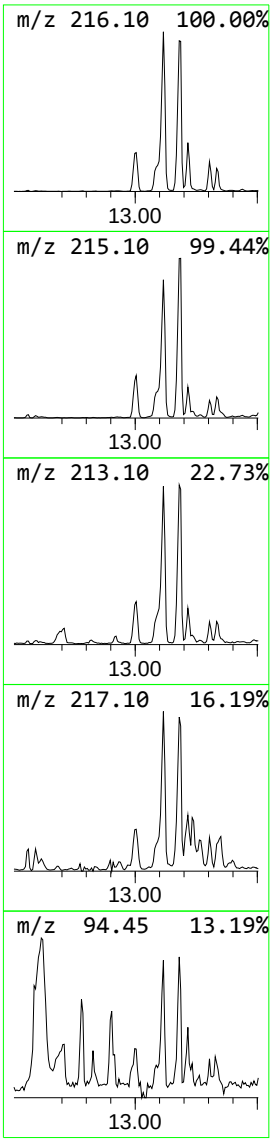
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	3.60 ng	760120	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Misc :
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ClientSampleId :
GHL-SS-18-2-4

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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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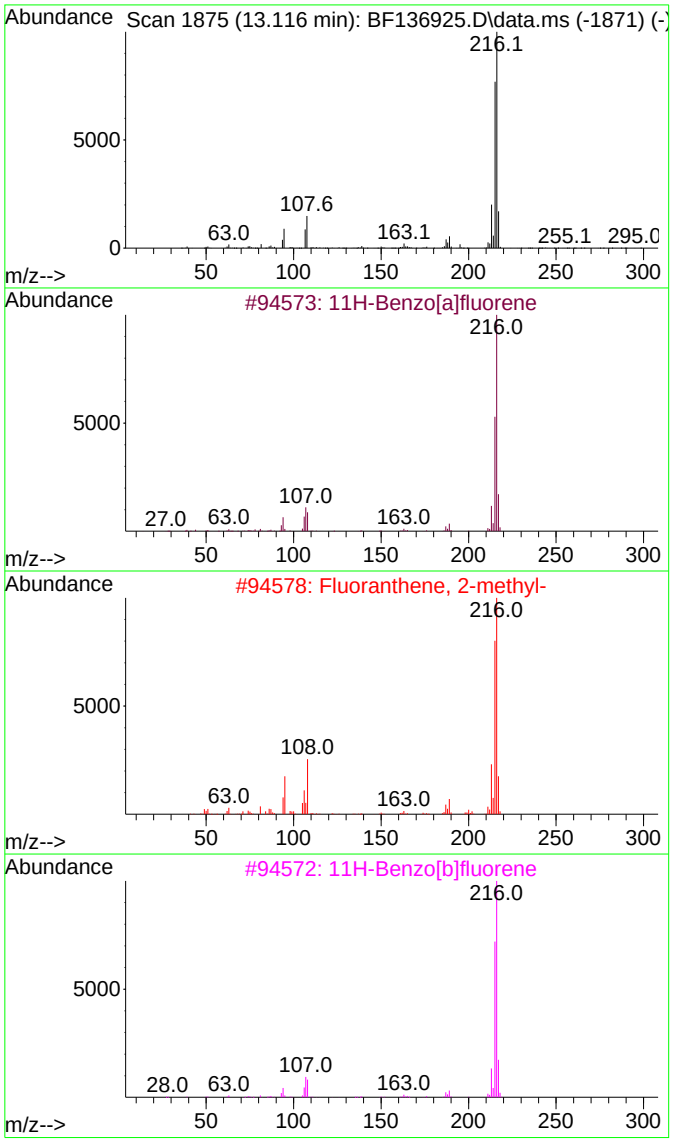
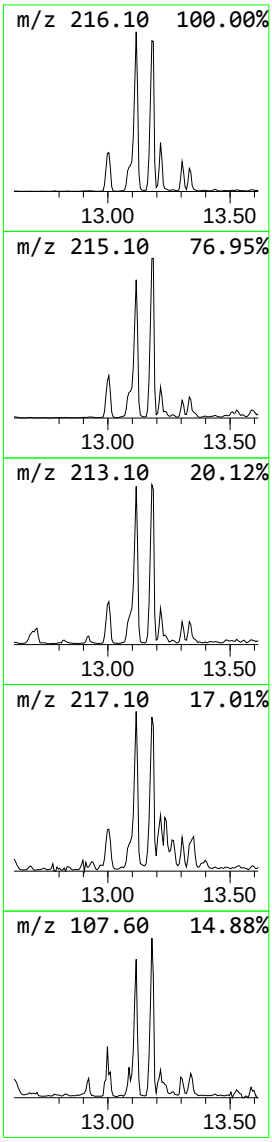
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	8.86 ng	1869910	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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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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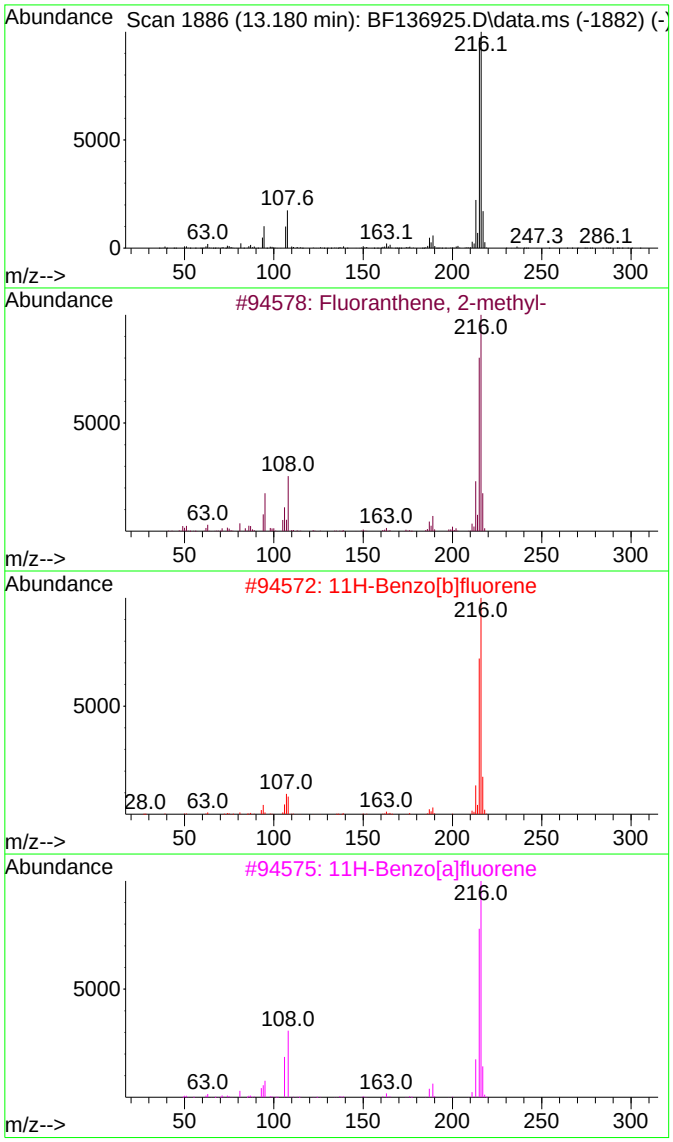
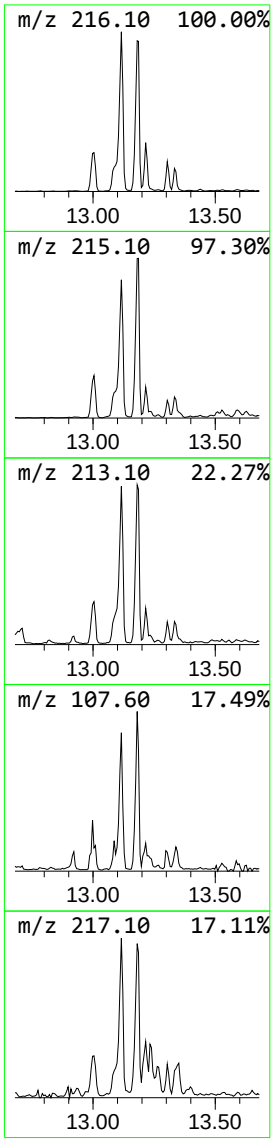
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	9.84 ng	2075940	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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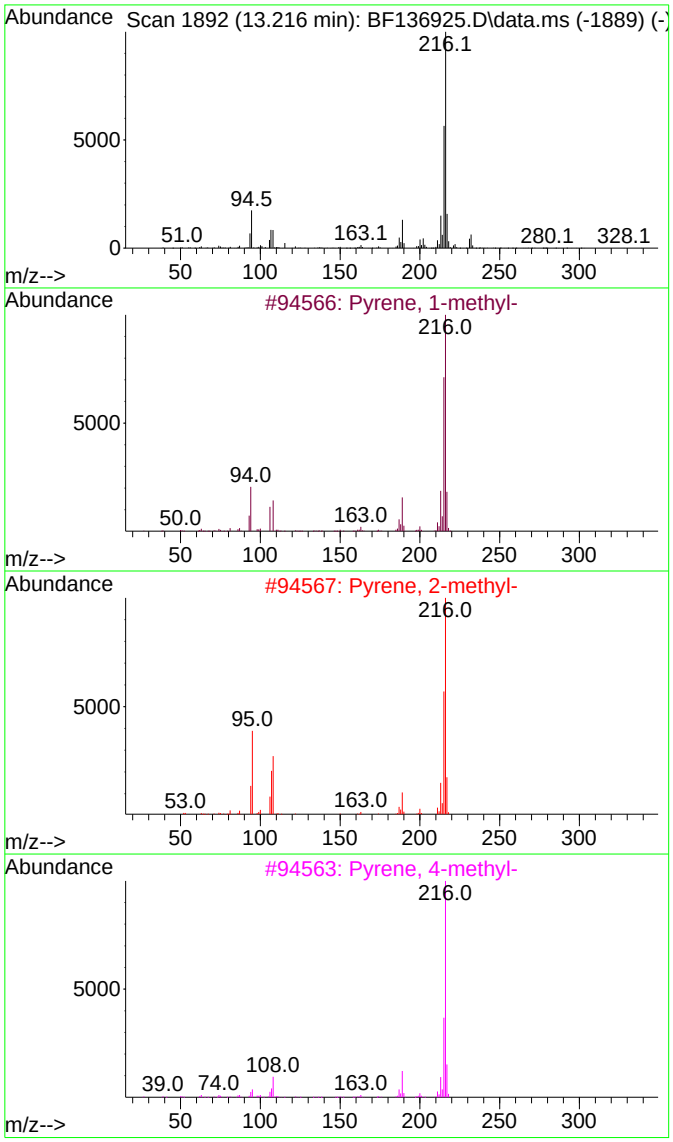
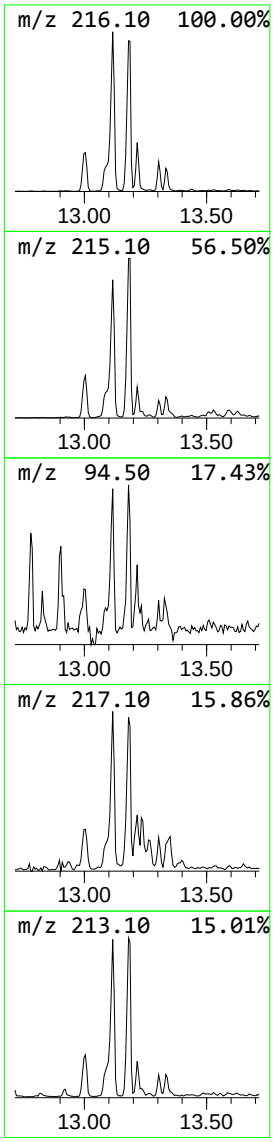
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	3.36 ng	709997	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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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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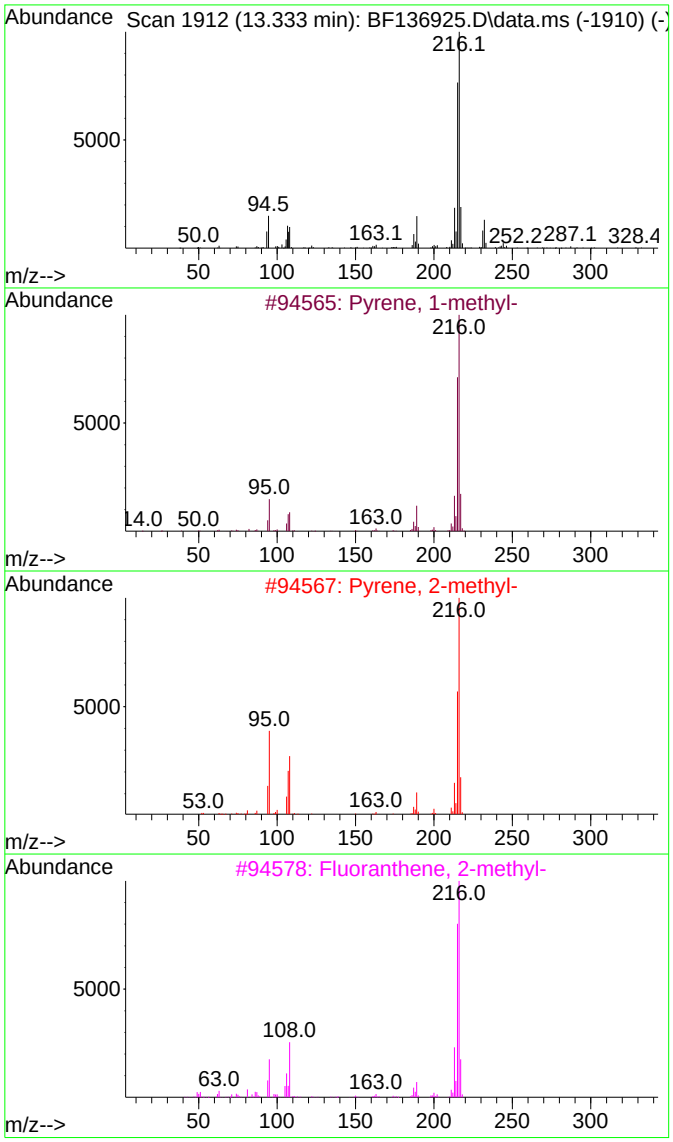
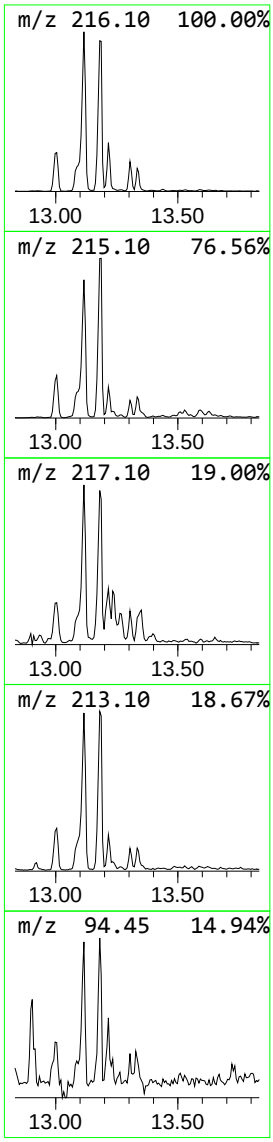
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	3.14 ng	663411	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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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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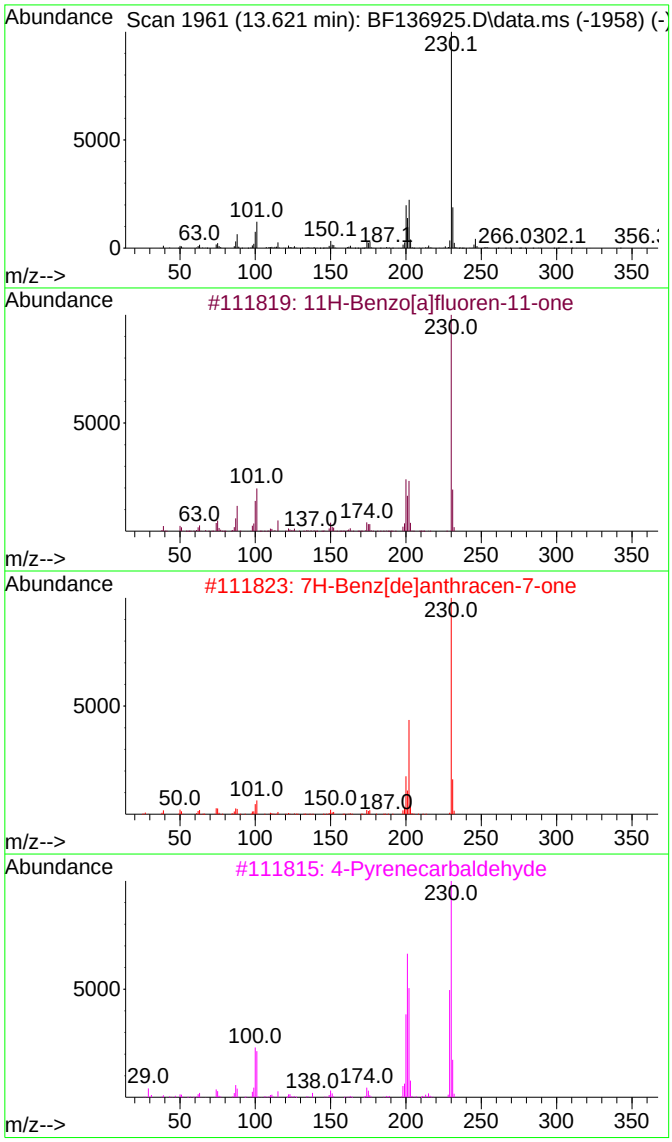
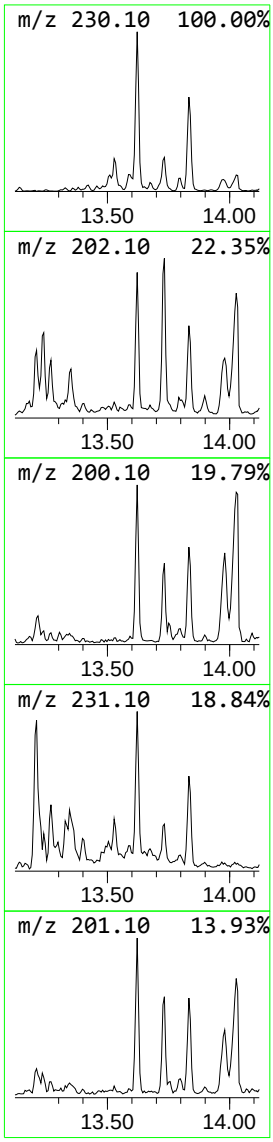
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	3.21 ng	676649	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	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

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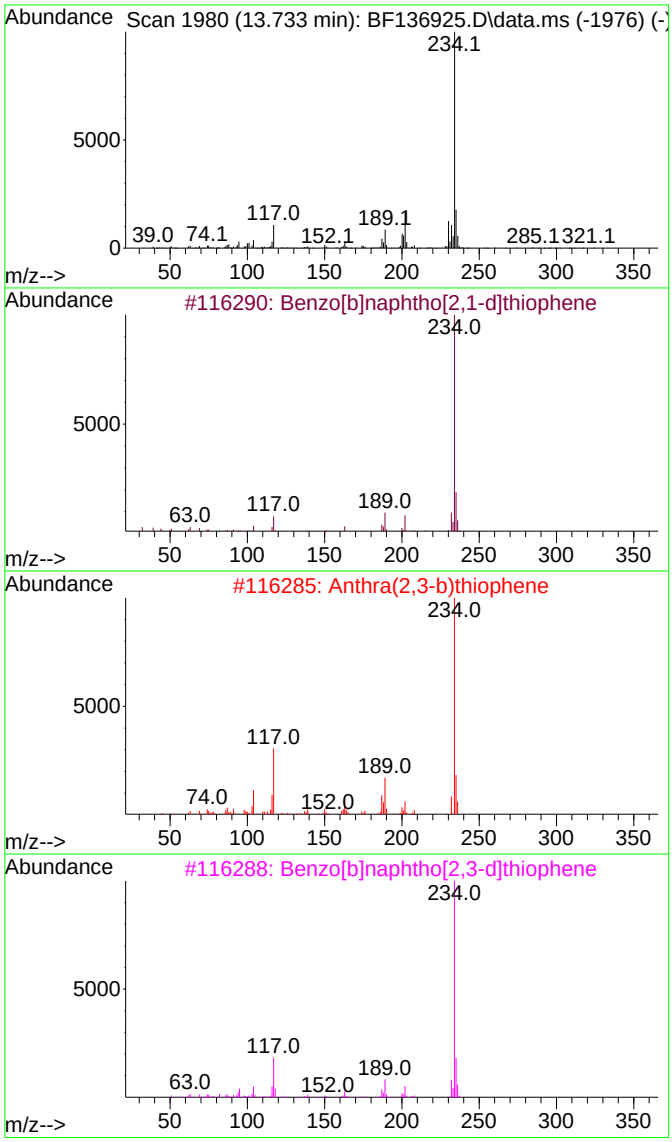
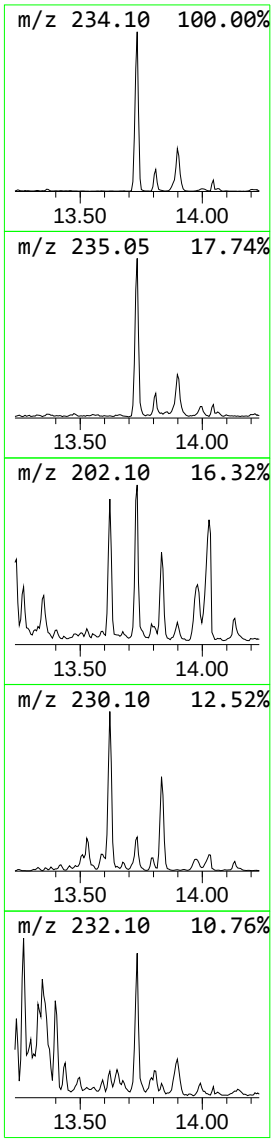
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	5.57 ng	1176420	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	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

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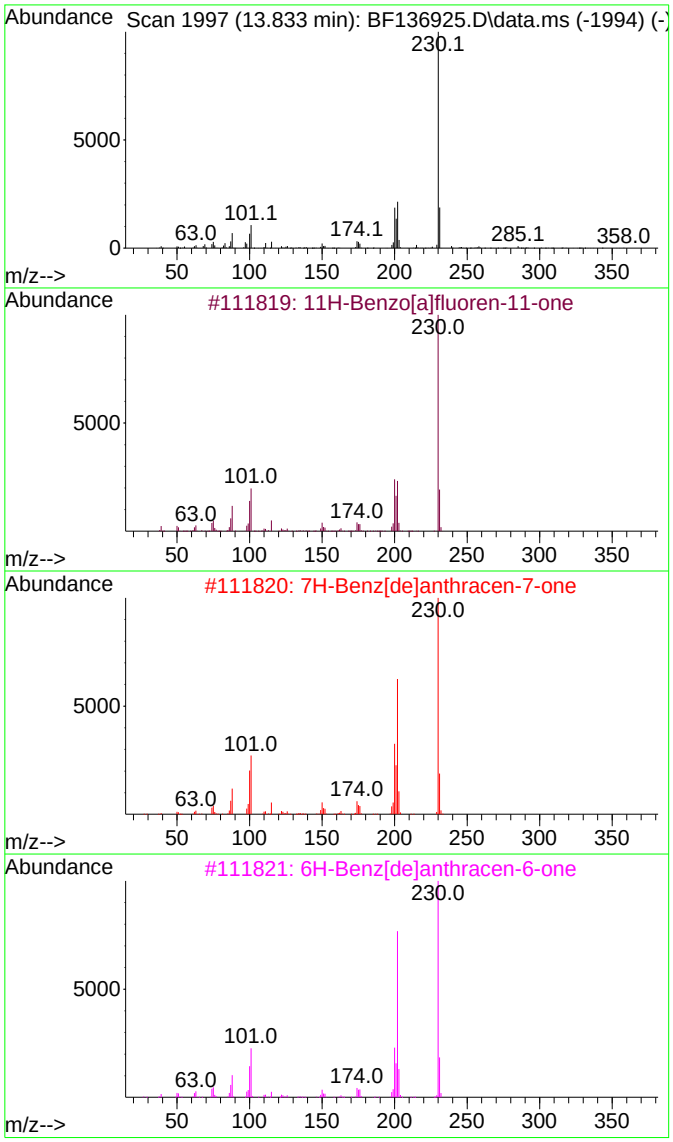
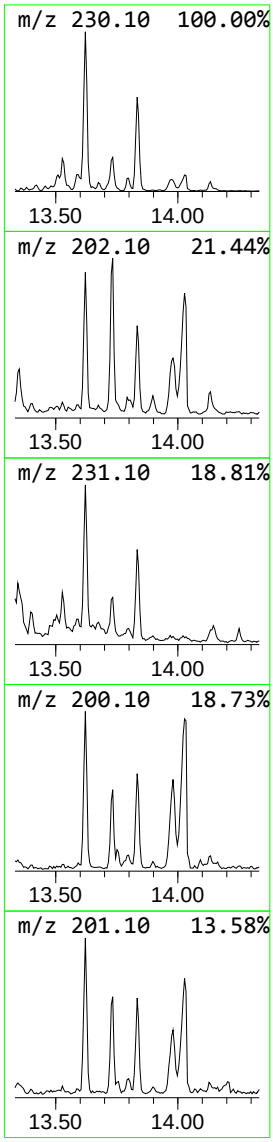
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	3.59 ng	756697	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	78
4	o-Terphenyl	230	C18H14	000084-15-1	72
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	72





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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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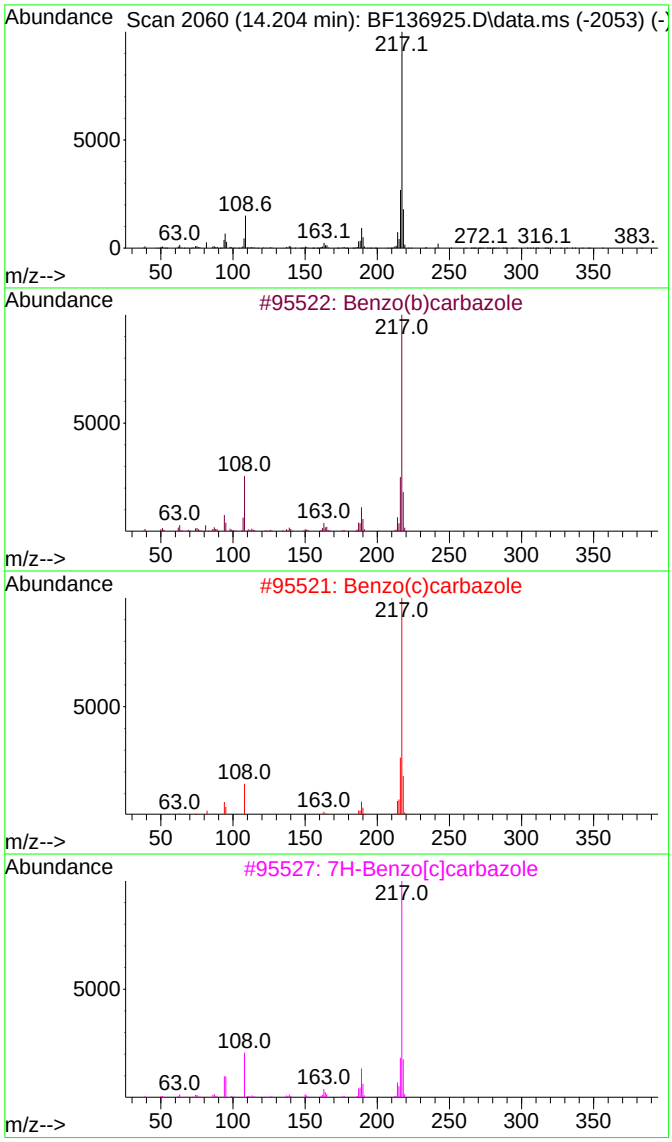
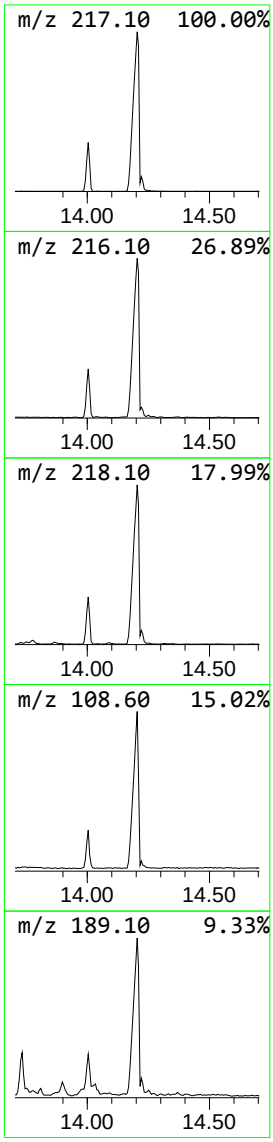
Peak Number 19 Benzo(b)carbazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	24.53 ng	5176330	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	96
2	Benzo(c)carbazole	217	C16H11N	034777-33-8	94
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	94
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
5	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

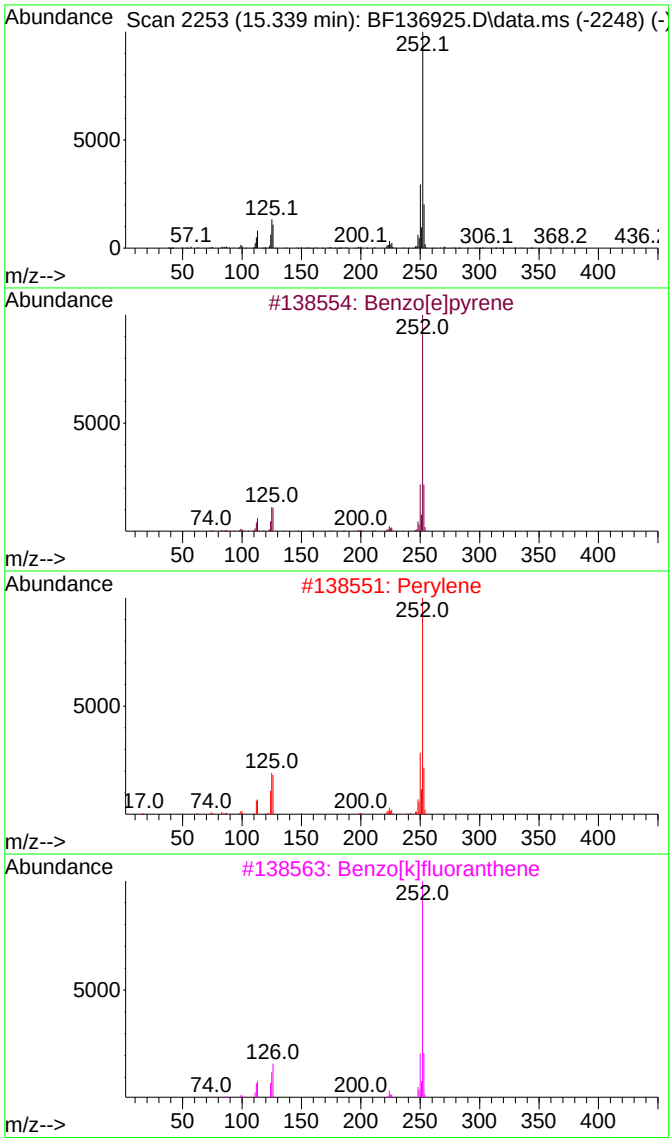
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

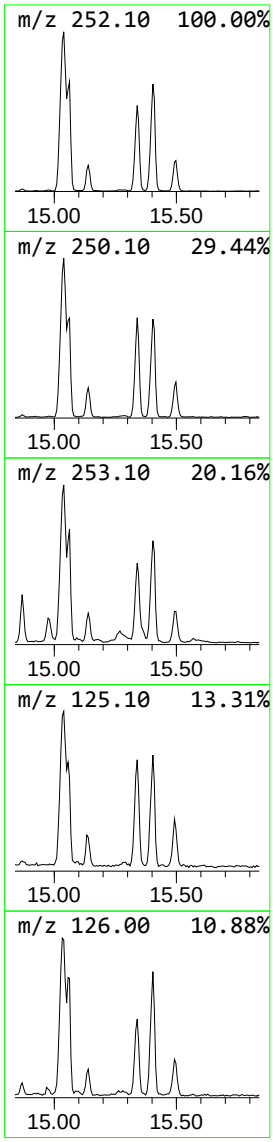
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	18.62 ng	804105	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136925.D
Acq On : 04 Jan 2024 00:31
Operator : CG\JU
Sample : 05899-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Naphthalene, 2,...	9.398	14.1	ng	1337470	3	9.816	1892990	20.0
Naphthalene, 1,...	9.598	12.3	ng	1166940	3	9.816	1892990	20.0
Naphthalene, 2,...	10.169	6.2	ng	584441	3	9.816	1892990	20.0
Diphenylmethane	10.510	12.1	ng	1144000	3	9.816	1892990	20.0
Phenanthrene, 2...	11.880	3.7	ng	3348550	4	11.327	18036700	20.0
Anthracene, 2-m...	11.939	17.1	ng	15411200	4	11.327	18036700	20.0
4H-Cyclopenta[d...	11.957	3.6	ng	3207500	4	11.327	18036700	20.0
3-Methylcarbazole	12.063	2.8	ng	2509480	4	11.327	18036700	20.0
4-Methylcarbazole	12.086	2.7	ng	2456060	4	11.327	18036700	20.0
Octadecanoic acid	12.710	50.3	ng	10611700	5	13.992	4220910	20.0
Pyrene, 1-methyl-	13.004	3.6	ng	760120	5	13.992	4220910	20.0
11H-Benzo[a]flu...	13.116	8.9	ng	1869910	5	13.992	4220910	20.0
Fluoranthene, 2...	13.180	9.8	ng	2075940	5	13.992	4220910	20.0
Pyrene, 2-methyl-	13.216	3.4	ng	709997	5	13.992	4220910	20.0
11H-Benzo[b]flu...	13.333	3.1	ng	663411	5	13.992	4220910	20.0
11H-Benzo[a]flu...	13.621	3.2	ng	676649	5	13.992	4220910	20.0
Benzo[b]naphtho...	13.733	5.6	ng	1176420	5	13.992	4220910	20.0
7H-Benz[de]anth...	13.833	3.6	ng	756697	5	13.992	4220910	20.0
Benzo(b)carbazole	14.204	24.5	ng	5176330	5	13.992	4220910	20.0
Benzo[e]pyrene	15.339	18.6	ng	804105	6	15.462	863834	20.0