LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	15	22	29	rVB	370499	495804	22.20%	2.212%
2	2.328	37	41	47	rBV	30474	40897	1.83%	0.182%
3	5.146	515	520	530	rVB	399607	470614	21.07%	2.099%
4	5.540	582	587	590	rBV	2122160	2058844	92.18%	9.184%
5	6.540	752	757	760	rBV	2095877	1959559	87.74%	8.741%
6	6.916	818	821	825	rBV	574550	451882	20.23%	2.016%
7	7.481	912	917	920	rBV	1427621	1234954	55.29%	5.509%
8	8.104	1019	1023	1034	rBV	151226	318193	14.25%	1.419%
9	8.204	1036	1040	1042	rBV	558654	496023	22.21%	2.213%
10	9.281	1218	1223	1226	rBV	2295315	1957156	87.63%	8.731%
11	9.686	1287	1292	1297	rVB2	23706	38196	1.71%	0.170%
12	9.822	1312	1315	1320	rBV	110150	93163	4.17%	0.416%
13	9.963	1335	1339	1342	rVB	667640	512823	22.96%	2.288%
14	10.163	1368	1373	1377	rVB2	23807	29590	1.32%	0.132%
15	10.275	1388	1392	1395	rBV2	21304	28644	1.28%	0.128%
16	10.510	1429	1432	1438	rVB4	28259	42119	1.89%	0.188%
17	10.751	1469	1473	1477	rBV	1350922	1217798	54.52%	5.432%
18	10.857	1489	1491	1492	rBV	31349	25352	1.14%	0.113%
19	10.875	1492	1494	1497	rVB2	39765	38644	1.73%	0.172%
20	11.057	1521	1525	1528	rBV4	19342	28682	1.28%	0.128%
21	11.310	1563	1568	1570	rBV4	22083	25624	1.15%	0.114%
22	11.351	1570	1575	1580	rVB2	34329	49954	2.24%	0.223%
23	11.457	1589	1593	1595	rBV	651584	579303	25.94%	2.584%
24	11.480	1595	1597	1600	rVV	322551	253067	11.33%	1.129%
25	11.527	1602	1605	1608	rVB	89672	86547	3.87%	0.386%
26	11.563	1608	1611	1614	rBV2	33654	34994	1.57%	0.156%
27	11.686	1625	1632	1635	rBV	47937	57526	2.58%	0.257%
28	11.786	1647	1649	1654	rVB	46355	39526	1.77%	0.176%
29	11.839	1655	1658	1661	rVB3	55387	45477	2.04%	0.203%
30	11.957	1675	1678	1680	rBV	108937	91497	4.10%	0.408%
31	11.986	1680	1683	1687	rVB	135664	119230	5.34%	0.532%
32	12.033	1688	1691	1694	rBV	55551	48039	2.15%	0.214%
33	12.069	1694	1697	1700	rVV2	160944	193895	8.68%	0.865%
34	12.092	1700	1701	1704	rVB	104094	60537	2.71%	0.270%
35	12.145	1707	1710	1712	rBV2	28089	31477	1.41%	0.140%
36	12.192	1715	1718	1720	rVV3	29141	24976	1.12%	0.111%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
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Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.251	1725	1728	1731	rVV2	66917	80910	3.62%	0.361%
38	12.280	1731	1733	1739	rVB2	63435	66631	2.98%	0.297%
39	12.386	1748	1751	1752	rBV	26262	24281	1.09%	0.108%
40	12.433	1756	1759	1761	rVV	58550	46762	2.09%	0.209%
41	12.457	1761	1763	1766	rVB	44632	37406	1.67%	0.167%
42	12.510	1768	1772	1774	rBV	151532	147236	6.59%	0.657%
43	12.545	1774	1778	1780	rVV3	86737	118516	5.31%	0.529%
44	12.569	1780	1782	1784	rVB	44389	34305	1.54%	0.153%
45	12.598	1784	1787	1791	rBV2	70573	96792	4.33%	0.432%
46	12.674	1796	1800	1803	rVV	890692	707440	31.67%	3.156%
47	12.716	1803	1807	1809	rVV3	30849	48119	2.15%	0.215%
48	12.769	1813	1816	1818	rBV	70696	57479	2.57%	0.256%
49	12.827	1823	1826	1828	rBV	38627	37059	1.66%	0.165%
50	12.904	1833	1839	1845	rVV	826409	885774	39.66%	3.951%
51	12.957	1845	1848	1852	rVB2	68179	84120	3.77%	0.375%
52	13.045	1859	1863	1870	rVB	2360511	2233485	100.00%	9.963%
53	13.116	1872	1875	1880	rBV3	88511	143169	6.41%	0.639%
54	13.210	1887	1891	1892	rBV4	70555	84974	3.80%	0.379%
55	13.233	1892	1895	1898	rVB	159964	159296	7.13%	0.711%
56	13.274	1898	1902	1904	rBV3	41251	64673	2.90%	0.288%
57	13.298	1904	1906	1909	rVV	103286	78270	3.50%	0.349%
58	13.333	1909	1912	1915	rVV2	120250	119355	5.34%	0.532%
59	13.392	1920	1922	1925	rBV3	28946	38251	1.71%	0.171%
60	13.427	1925	1928	1931	rVV	102470	89540	4.01%	0.399%
61	13.463	1931	1934	1936	rVV	94293	82349	3.69%	0.367%
62	13.610	1957	1959	1962	rBV3	41864	52240	2.34%	0.233%
63	13.739	1979	1981	1985	rVB	90285	93128	4.17%	0.415%
64	13.851	1996	2000	2003	rBV3	84294	127853	5.72%	0.570%
65	13.880	2003	2005	2007	rVV	71230	59288	2.65%	0.264%
66	13.904	2007	2009	2013	rVV2	61343	93592	4.19%	0.418%
67	13.945	2014	2016	2021	rVB2	91900	105067	4.70%	0.469%
68	14.104	2038	2043	2046	rBV2	751010	1018682	45.61%	4.544%
69	14.133	2046	2048	2055	rVB	436652	389986	17.46%	1.740%
70	14.198	2055	2059	2063	rBV3	182148	259069	11.60%	1.156%
71	14.492	2107	2109	2112	rVB	116053	91927	4.12%	0.410%
72	14.868	2170	2173	2175	rBV	120466	117195	5.25%	0.523%
73	15.168	2220	2224	2227	rBV	248414	370668	16.60%	1.654%
74	15.486	2275	2278	2284	rVB	148017	197798	8.86%	0.882%
75	15.551	2285	2289	2295	rVB	193732	243477	10.90%	1.086%
76	15.615	2296	2300	2303	rBV	274541	350359	15.69%	1.563%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

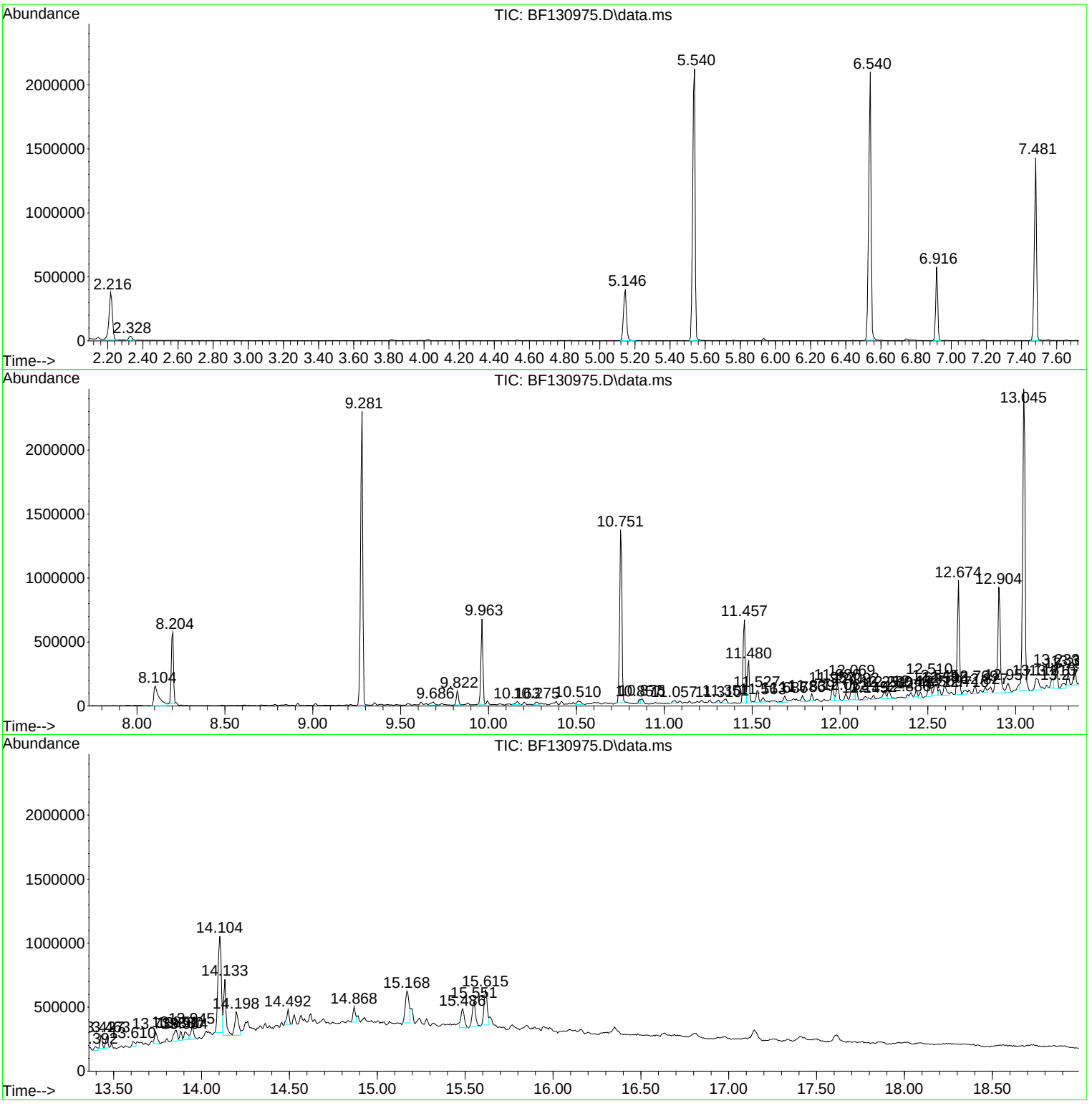
Sum of corrected areas: 22417127

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

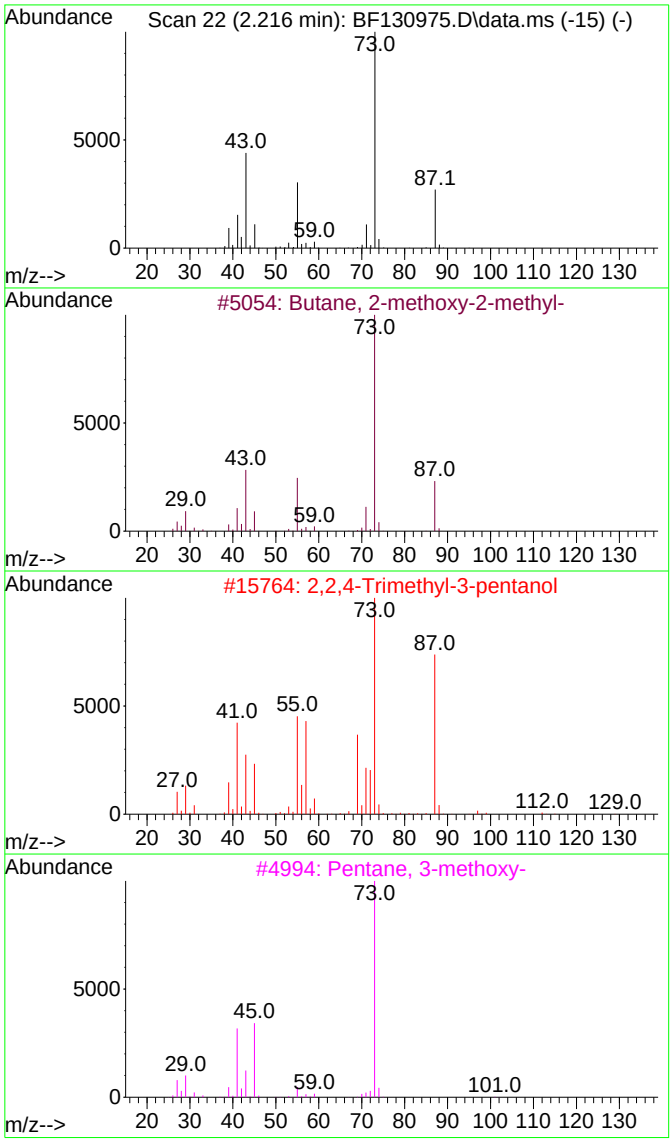
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

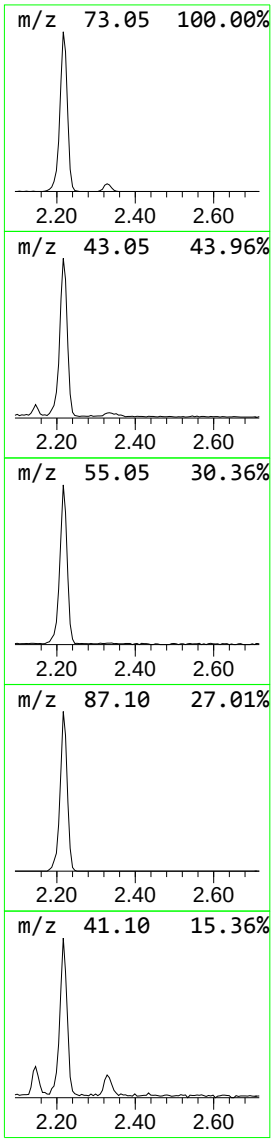
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	21.94 ng	495804	1,4-Dichlorobenzene-d4	6.916

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
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Instrument :
BNA_F
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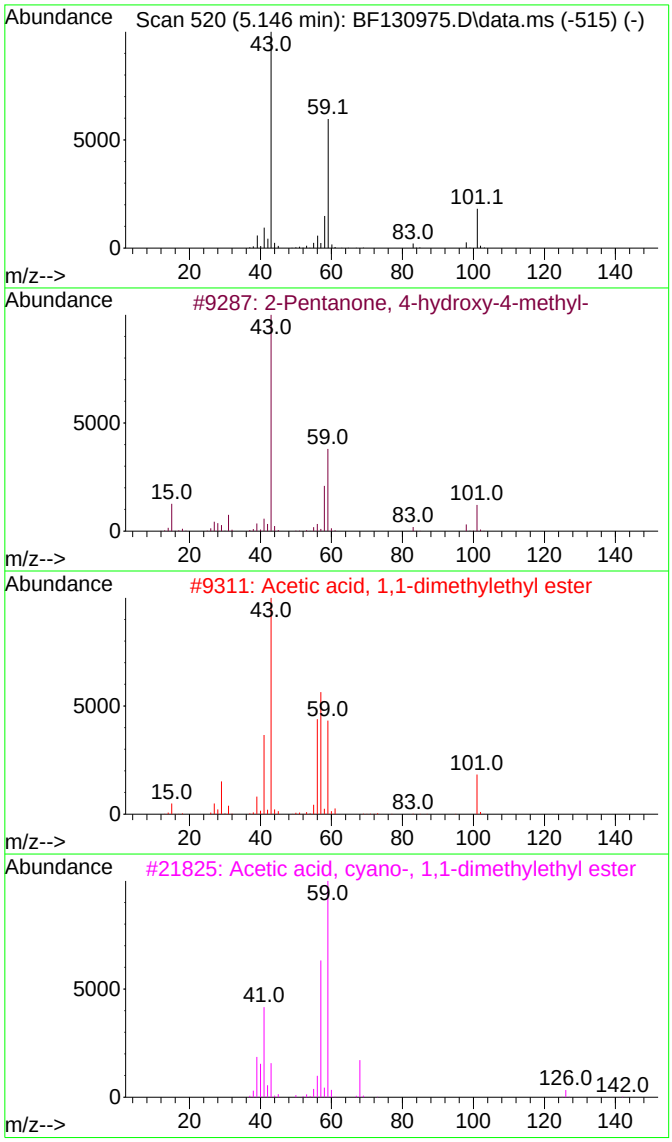
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

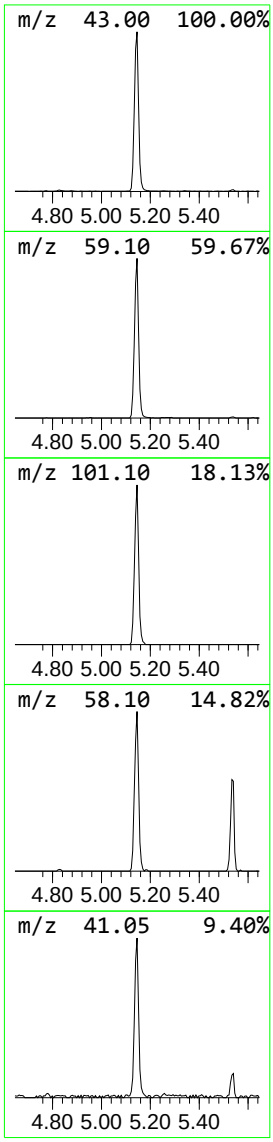
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.146	20.83 ng	470614	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

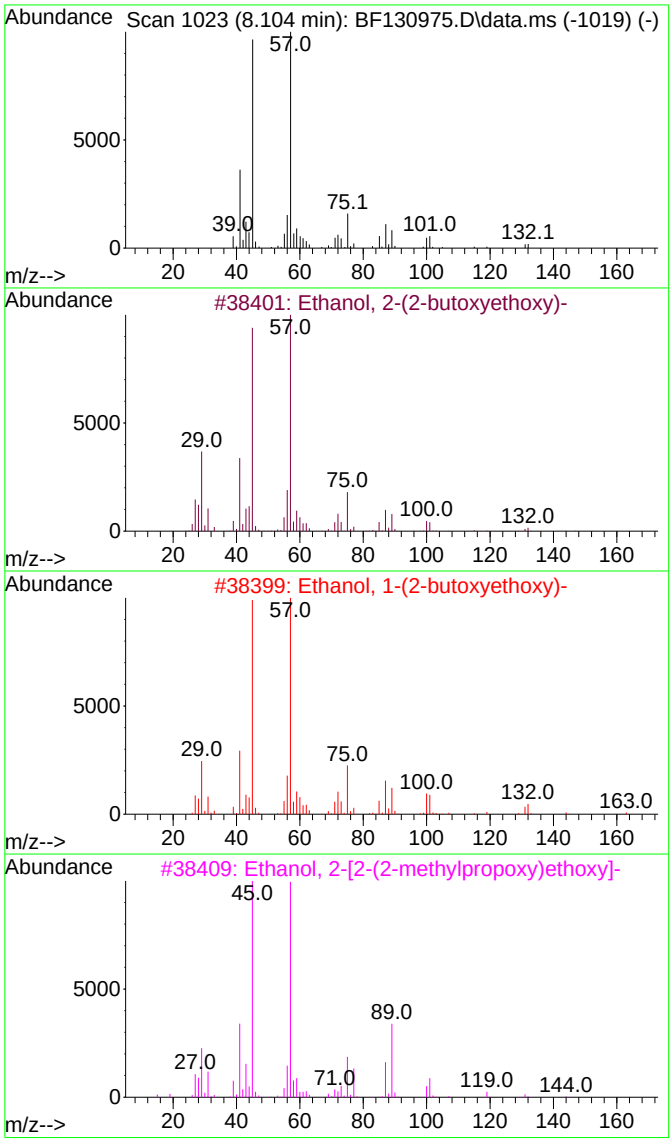
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

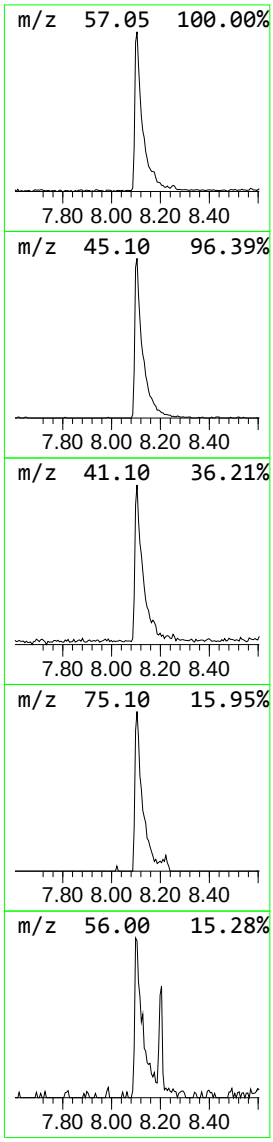
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	12.83 ng	318193	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	53
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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Sample : N5396-16
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

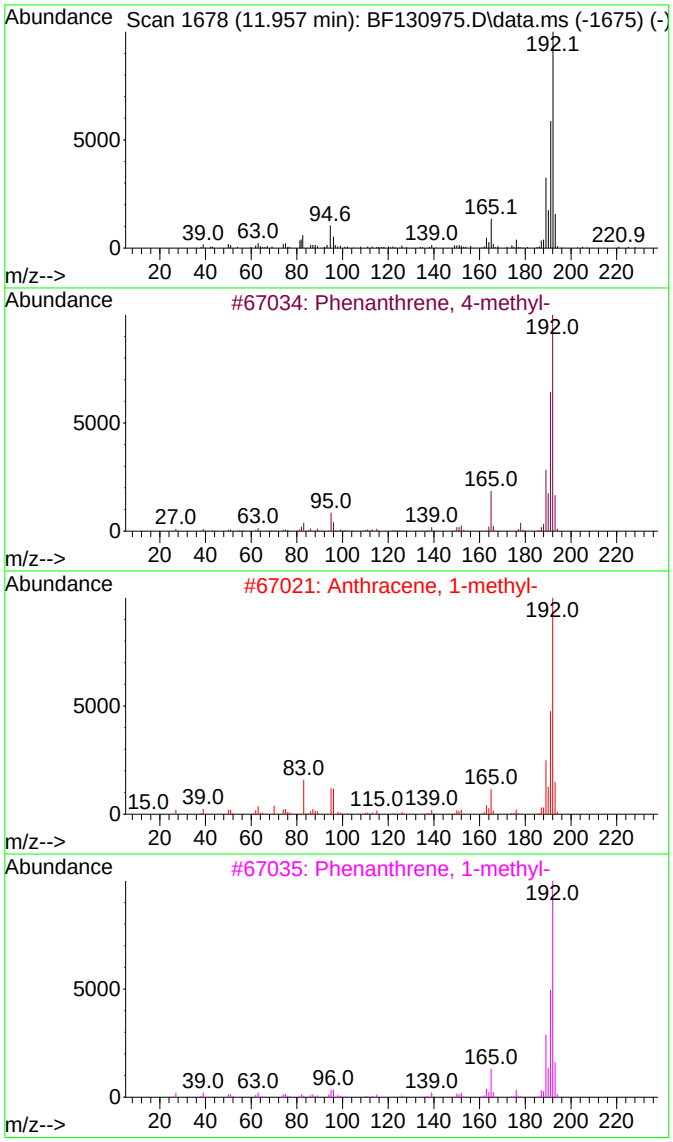
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

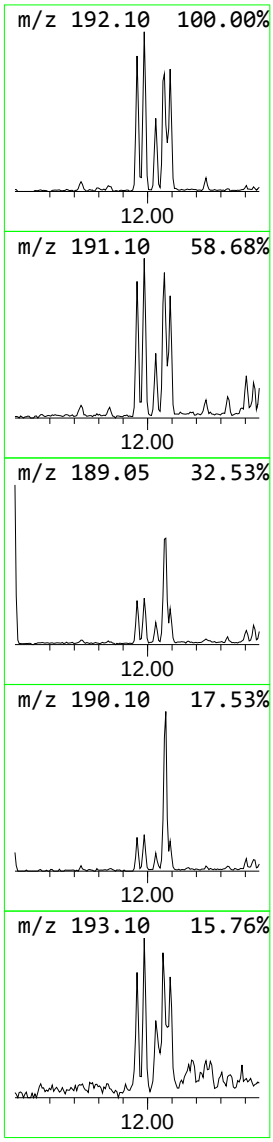
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.16 ng	91497	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

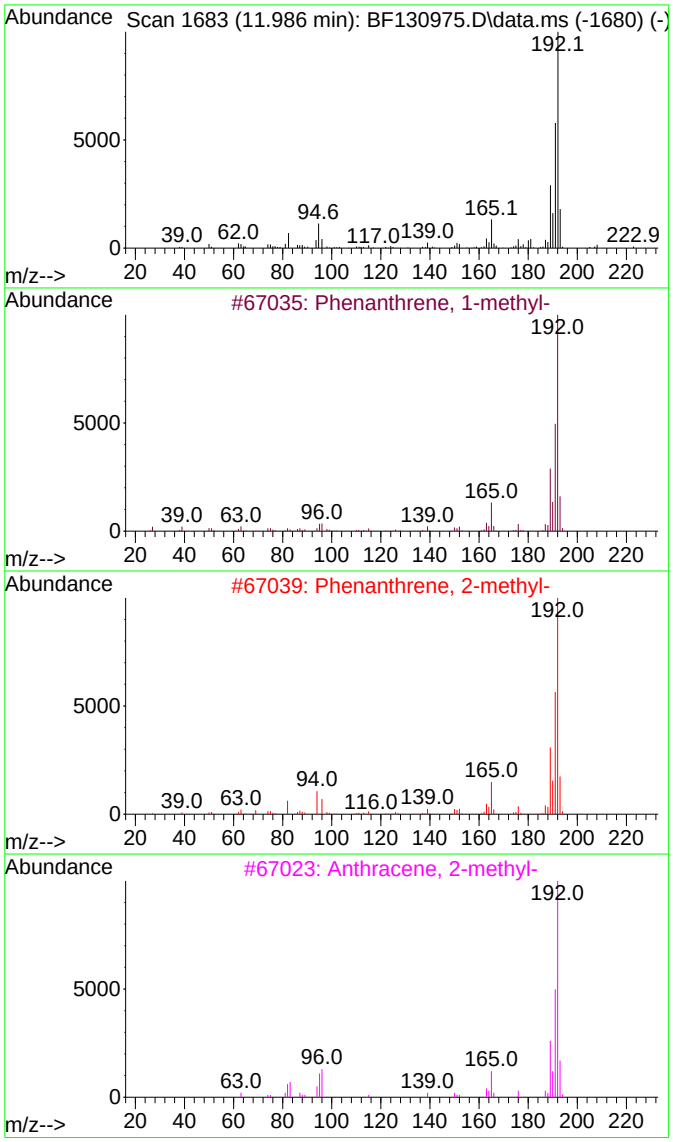
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

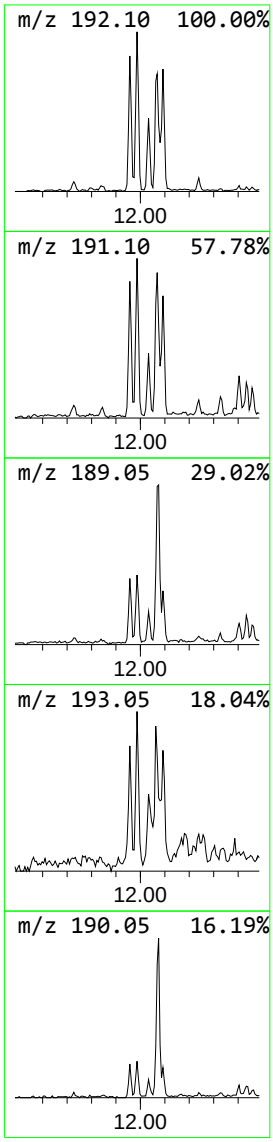
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	4.12 ng	119230	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

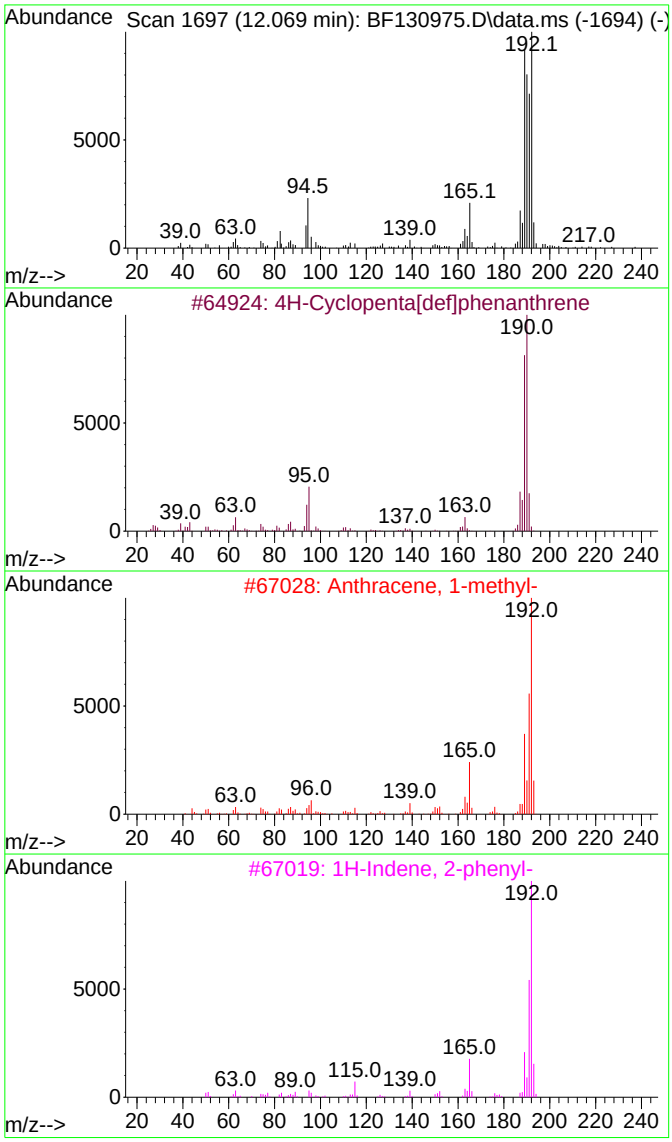
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

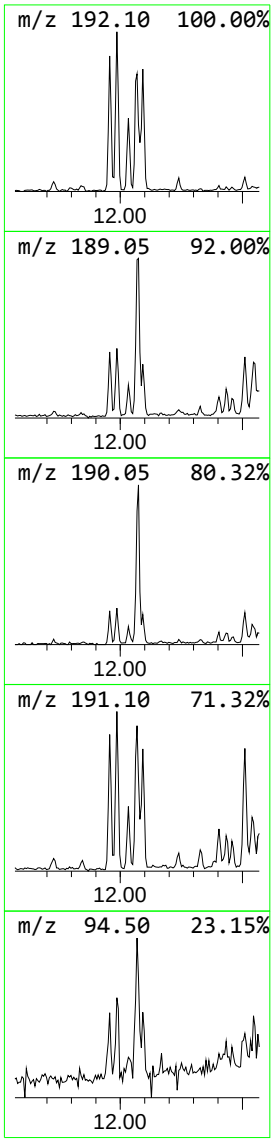
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	6.69 ng	193895	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	41
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





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Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

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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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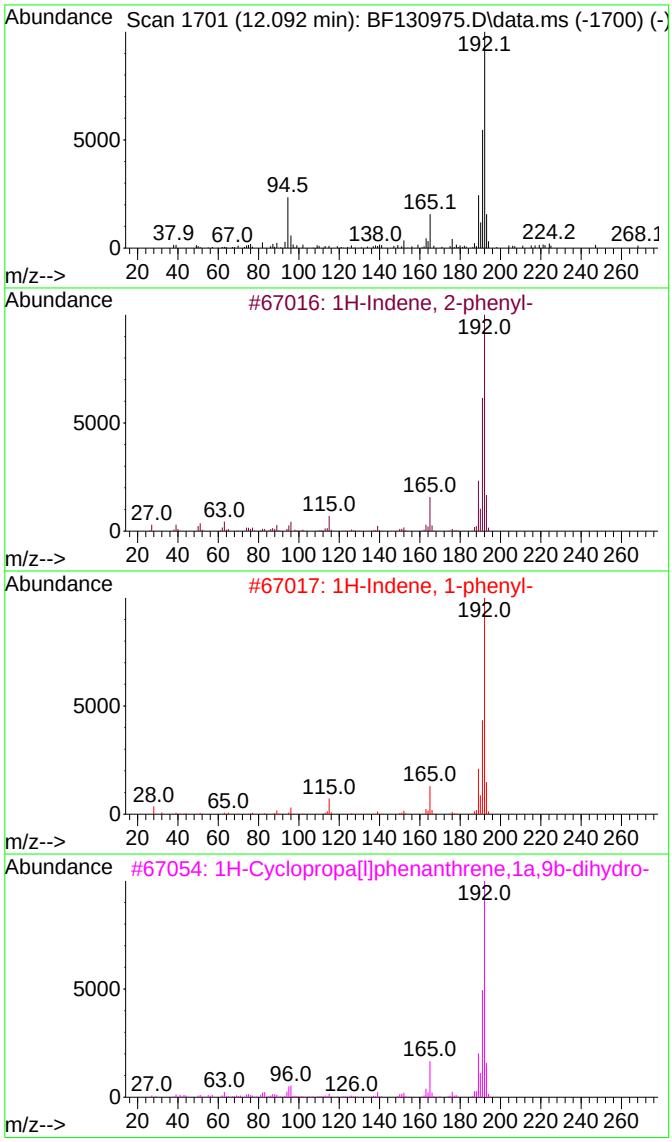
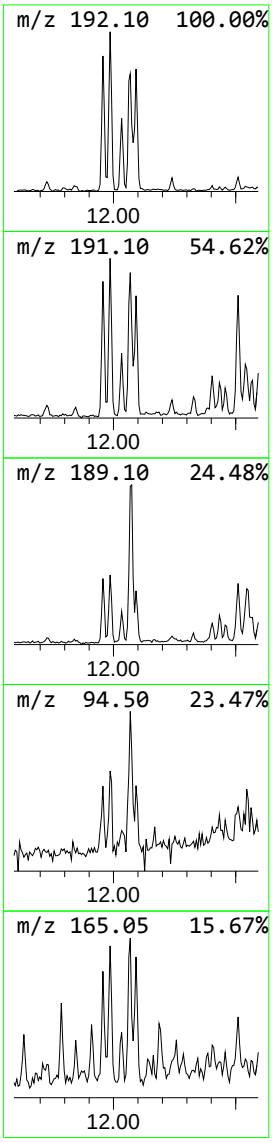
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.09 ng	60537	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

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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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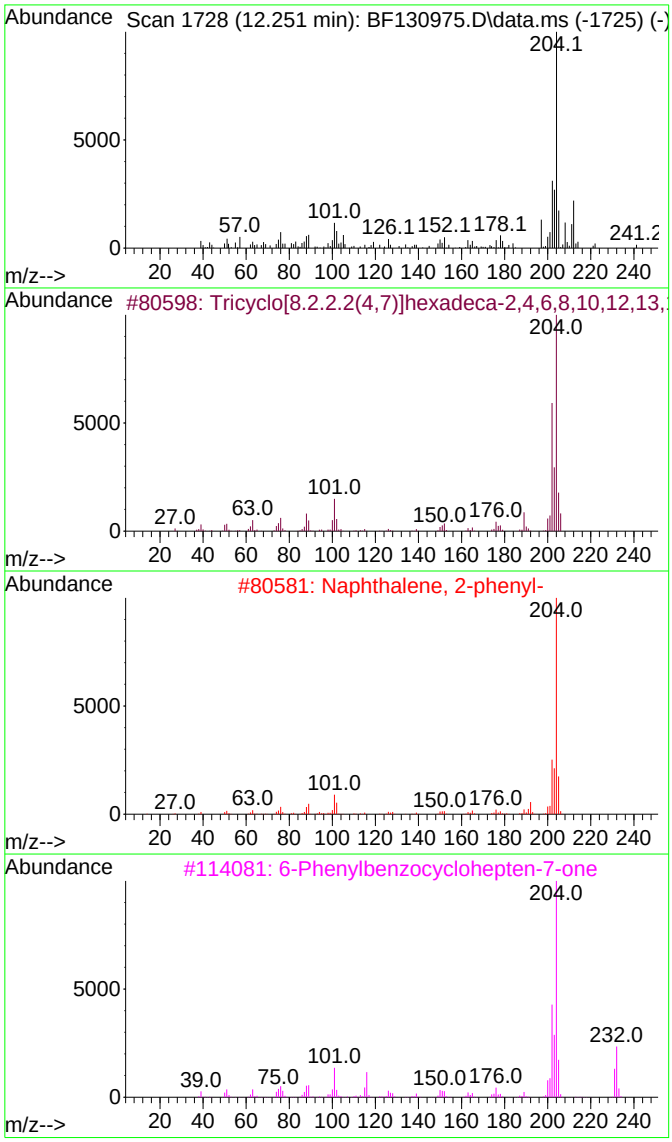
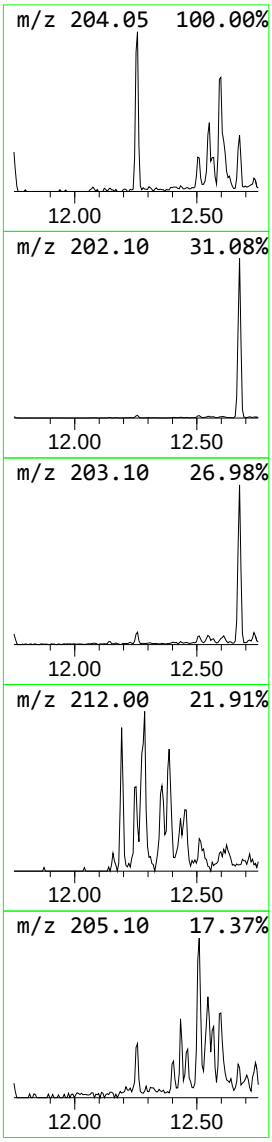
Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	2.79 ng	80910	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46





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ALS Vial : 12 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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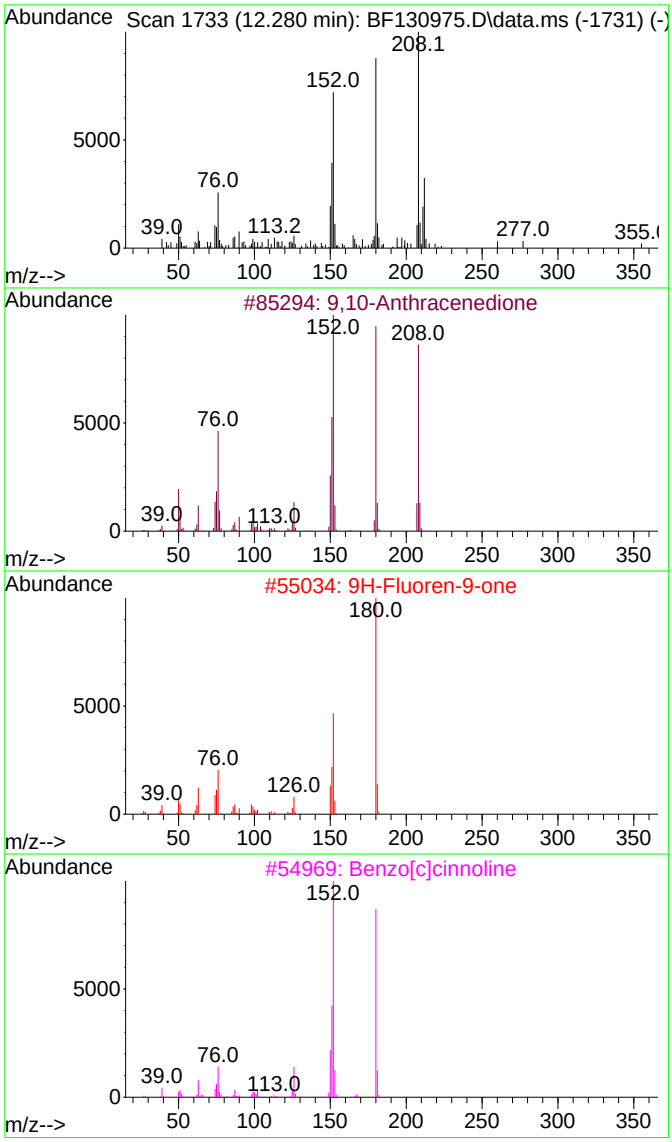
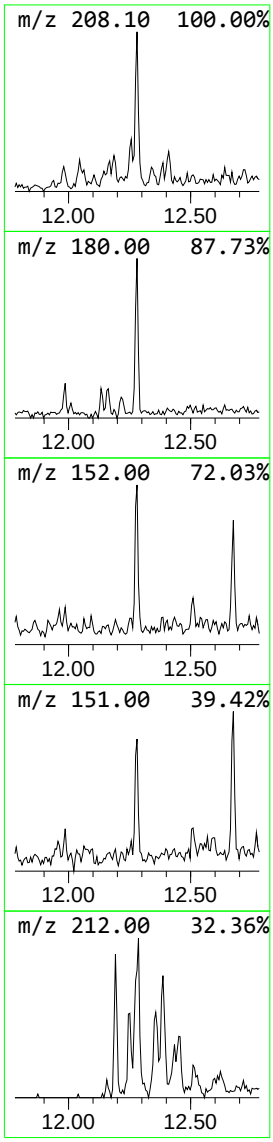
Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	2.30 ng	66631	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	43
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	43





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ALS Vial : 12 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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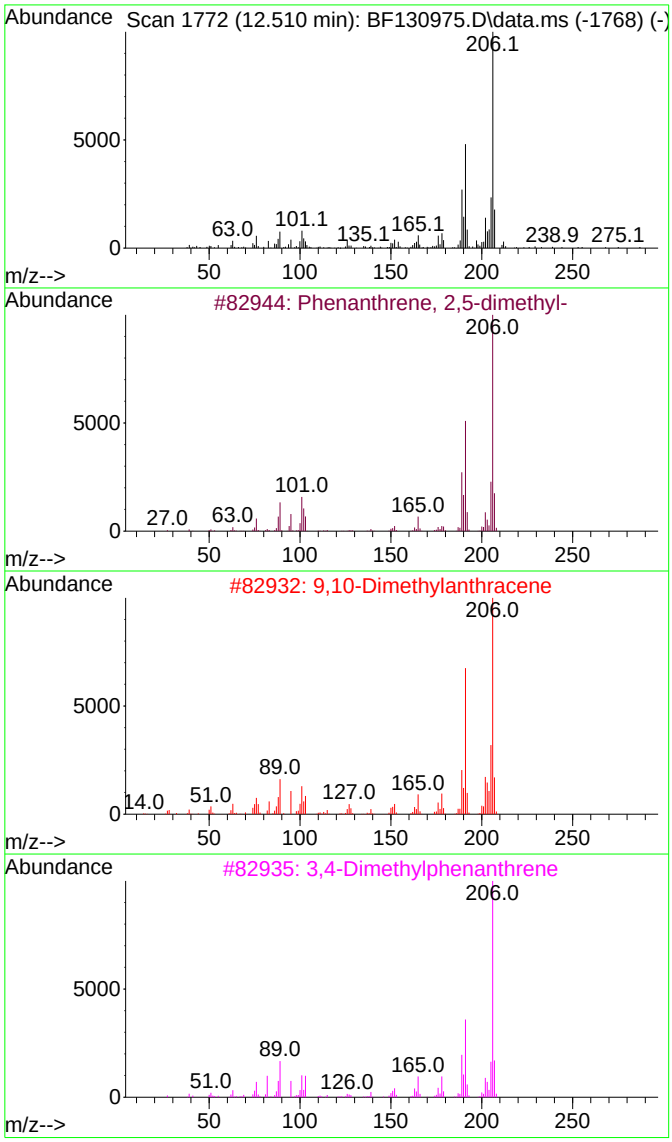
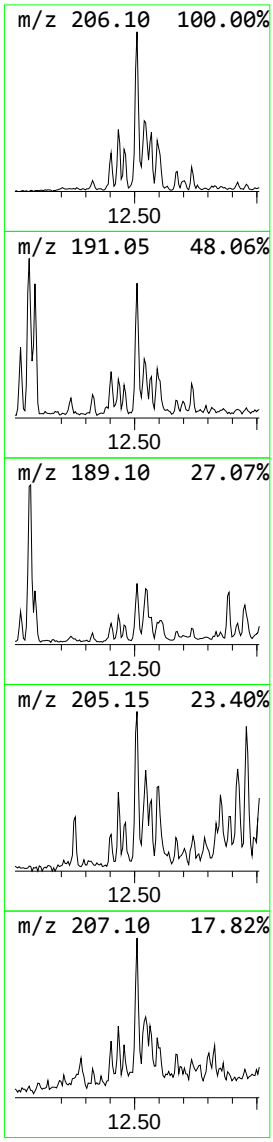
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	5.08 ng	147236	Phenanthrene-d10	11.457

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	94
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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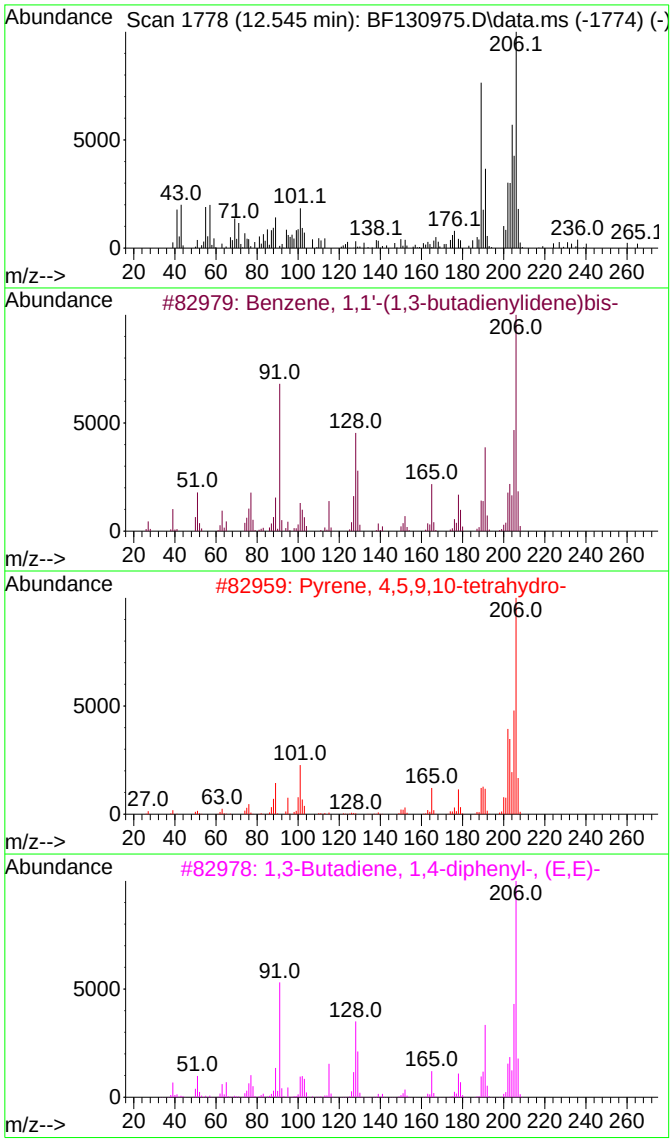
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

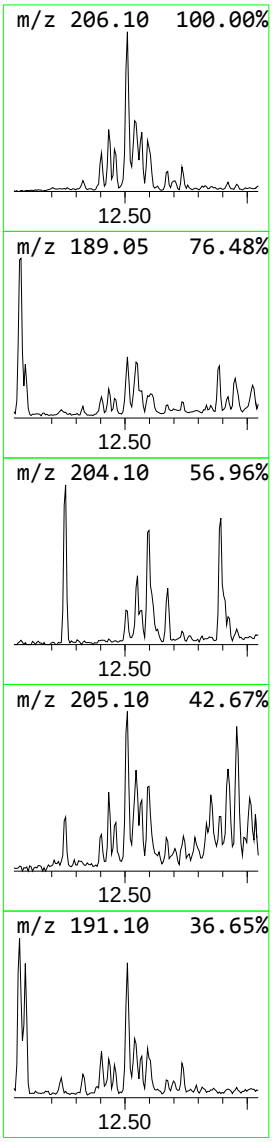
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,3-butadien... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	4.09 ng	118516	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	50
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	45
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	45
5	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	43





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

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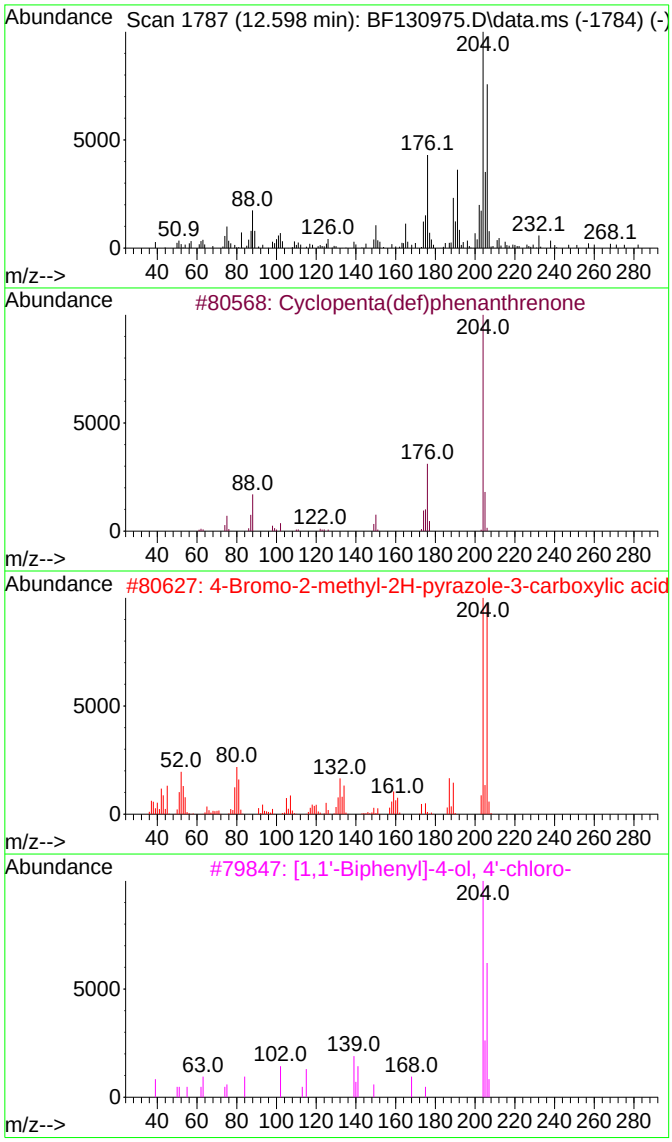
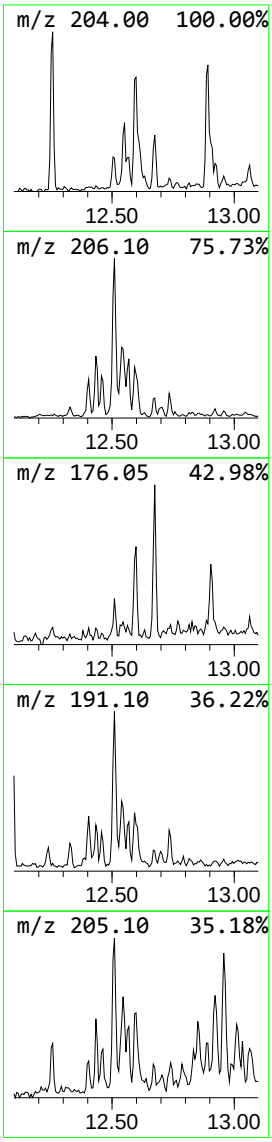
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	3.34 ng	96792	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	84
2	4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	49
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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Misc :
ALS Vial : 12 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
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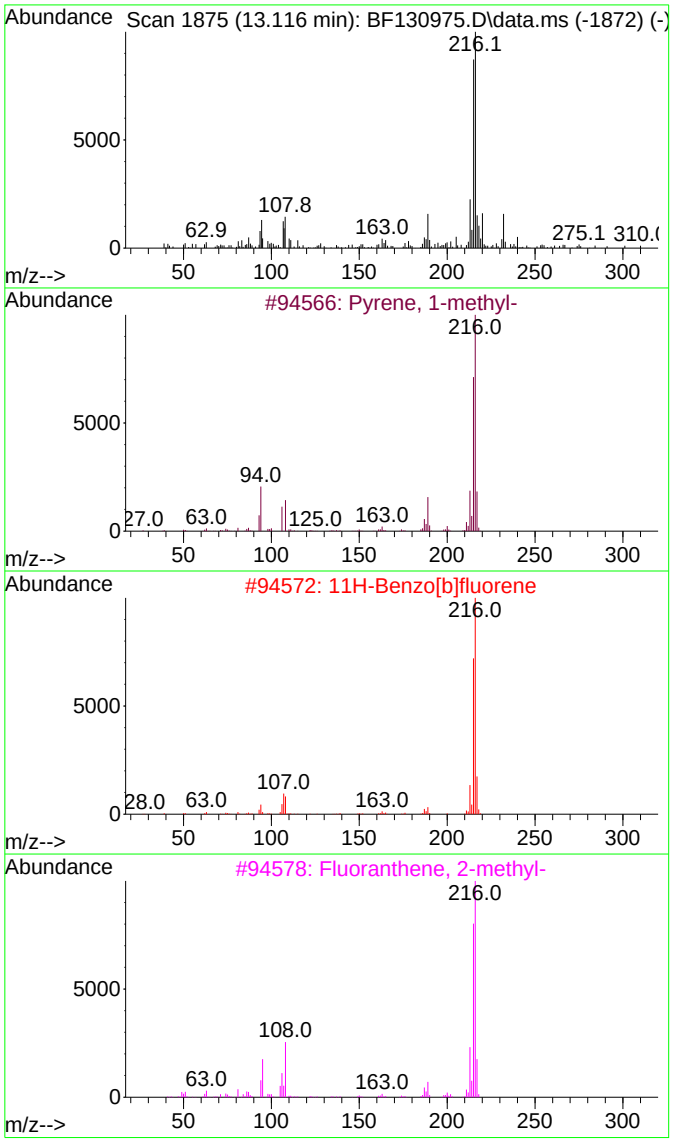
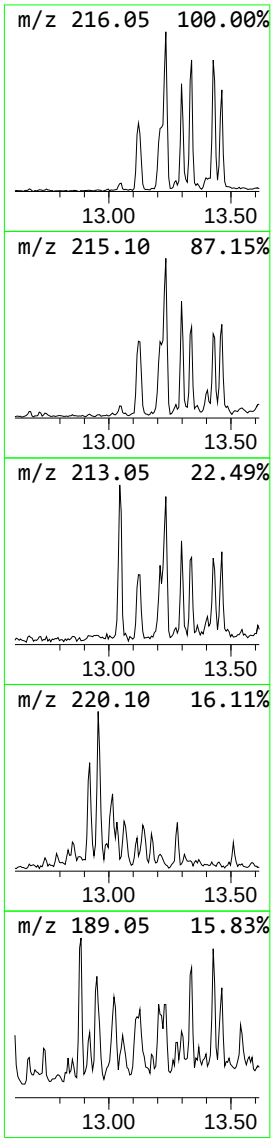
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.81 ng	143169	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 12 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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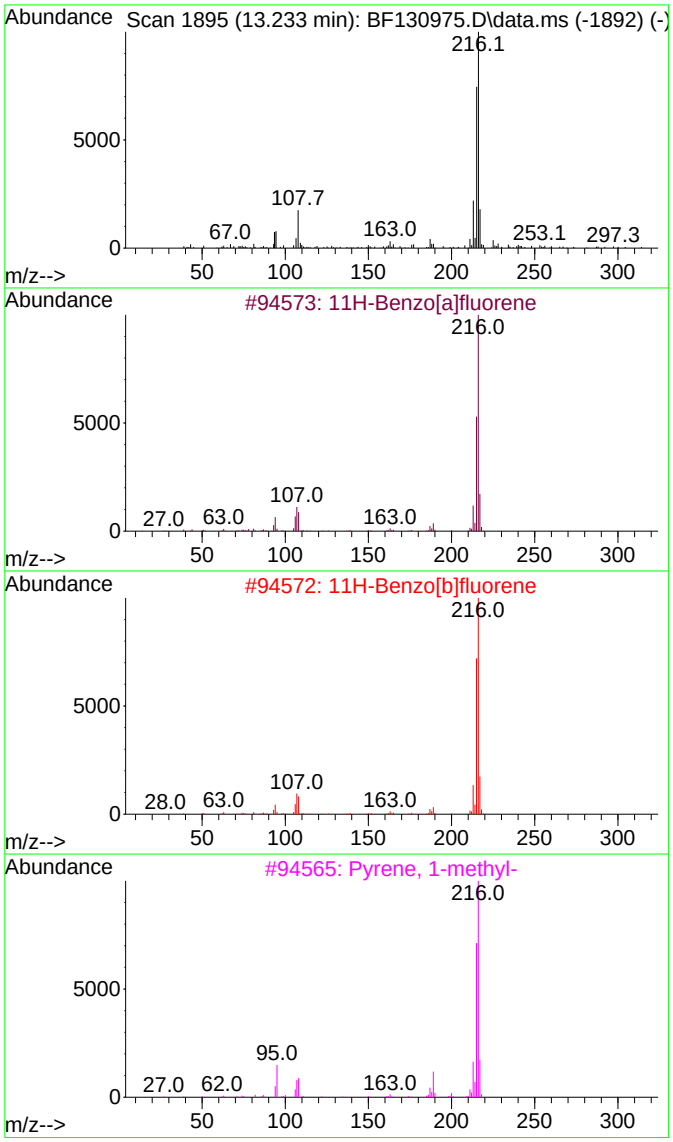
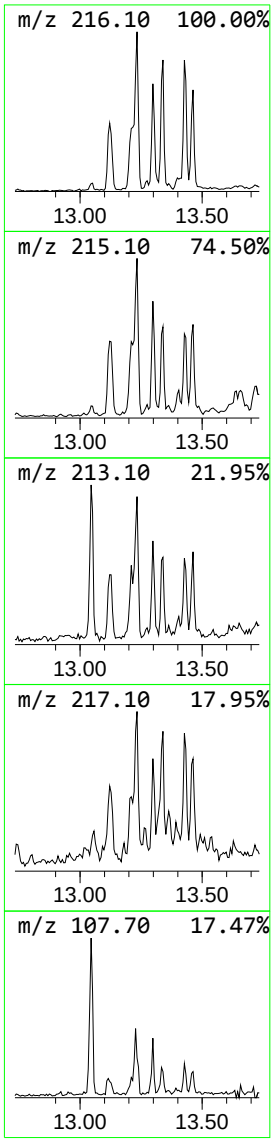
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	3.13 ng	159296	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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ALS Vial : 12 Sample Multiplier: 1

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

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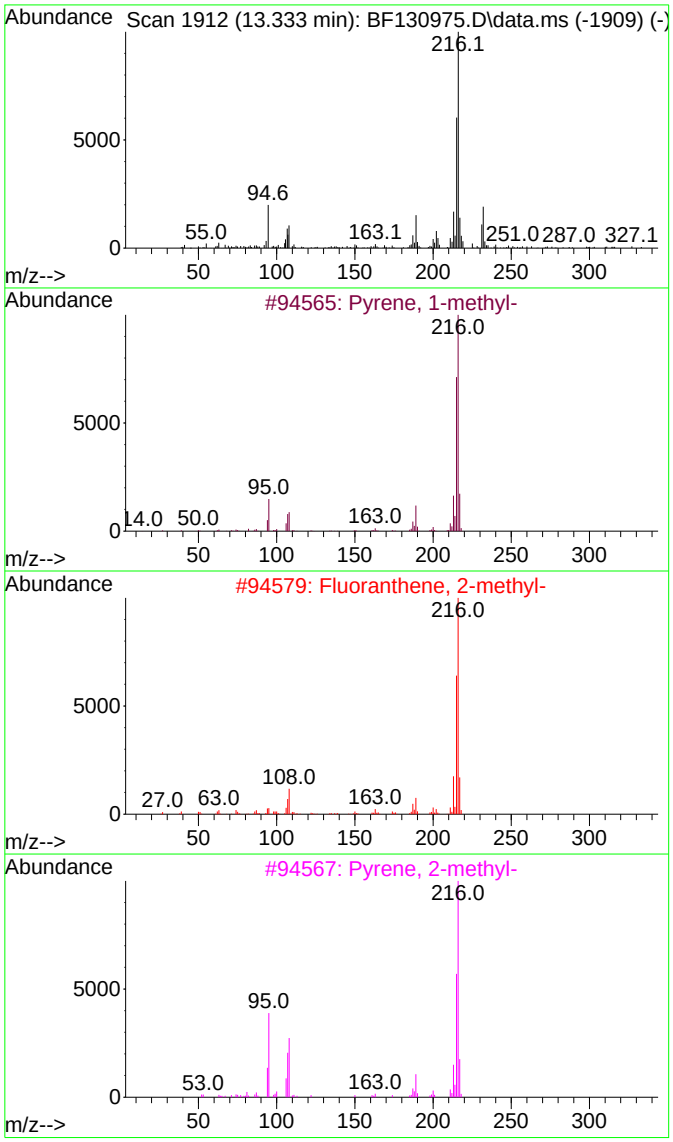
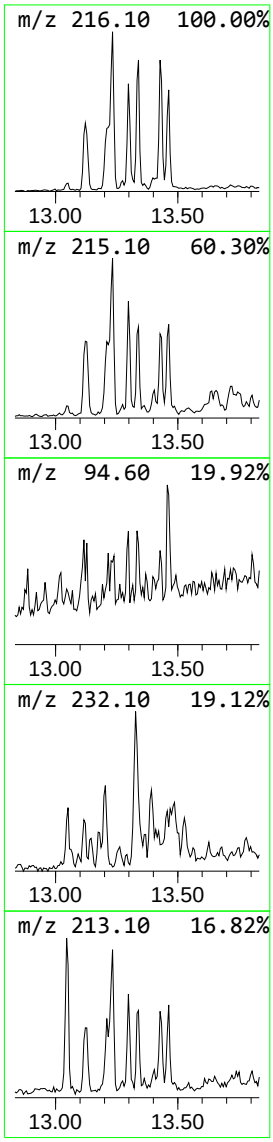
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	2.34 ng	119355	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

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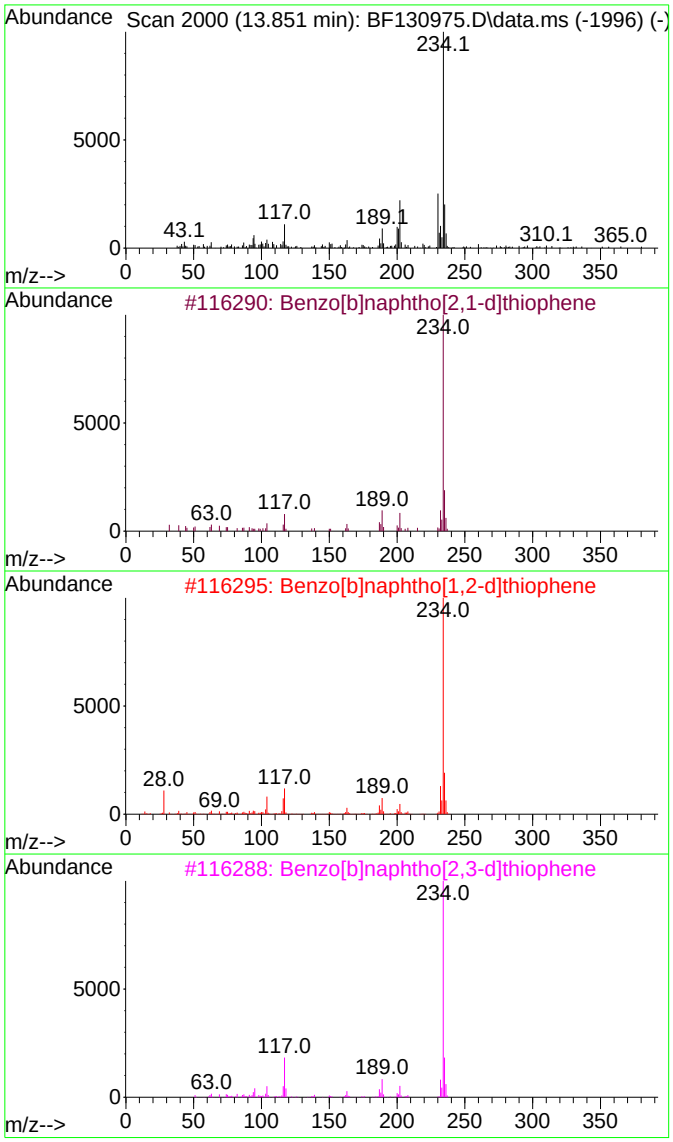
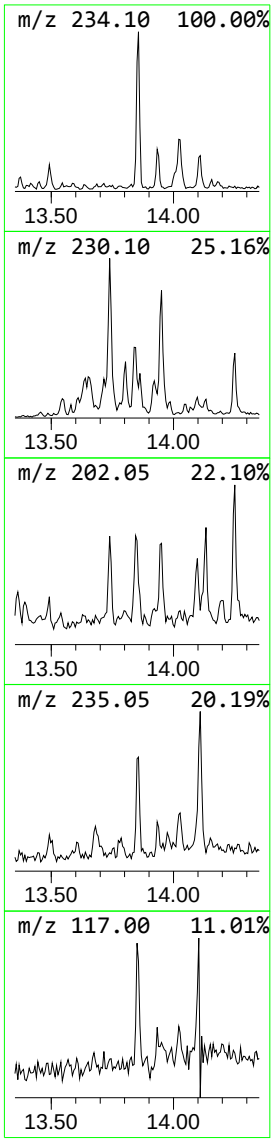
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	2.51 ng	127853	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	50
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47





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TIC Library : C:\Database\NIST20.L
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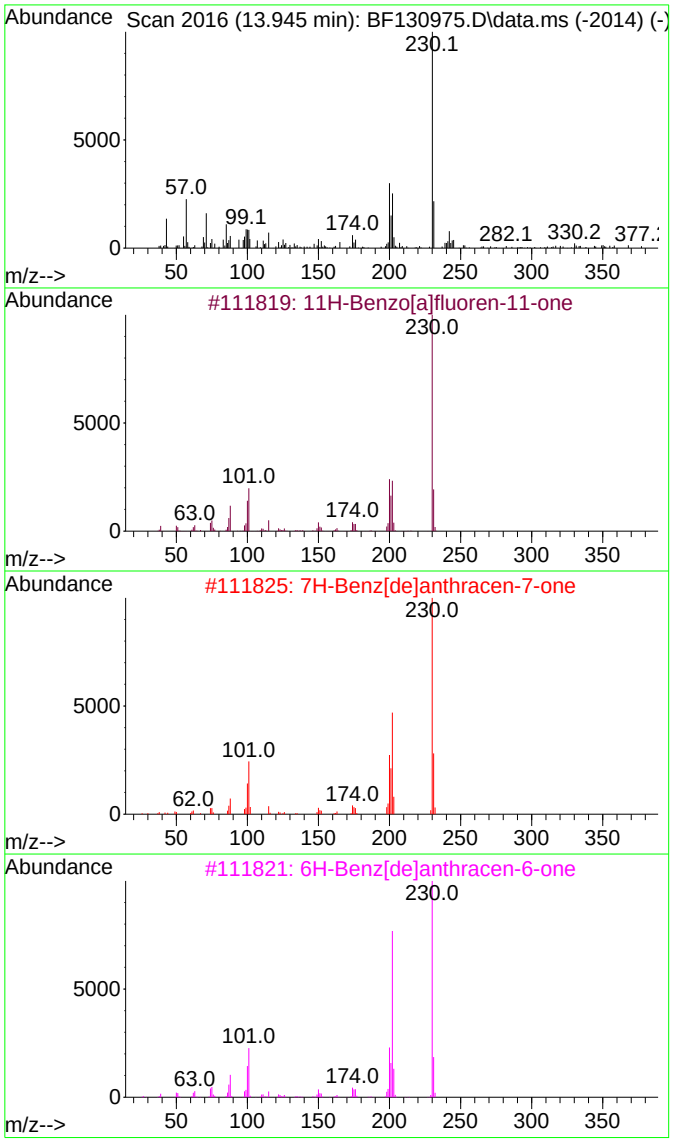
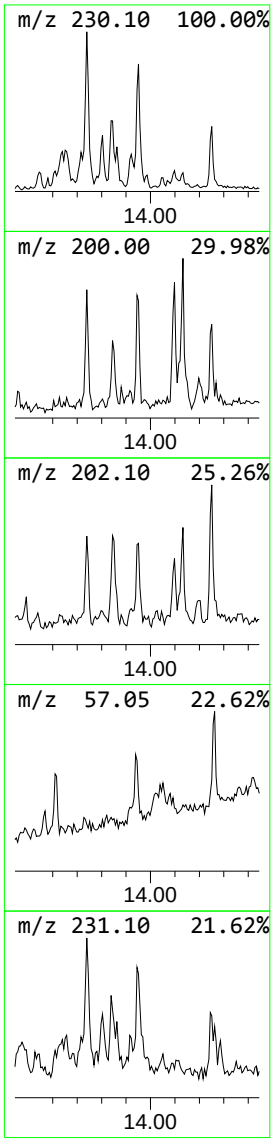
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	2.06 ng	105067	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4	p-Terphenyl	230	C18H14	000092-94-4	50
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Sample : N5396-16
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ALS Vial : 12 Sample Multiplier: 1

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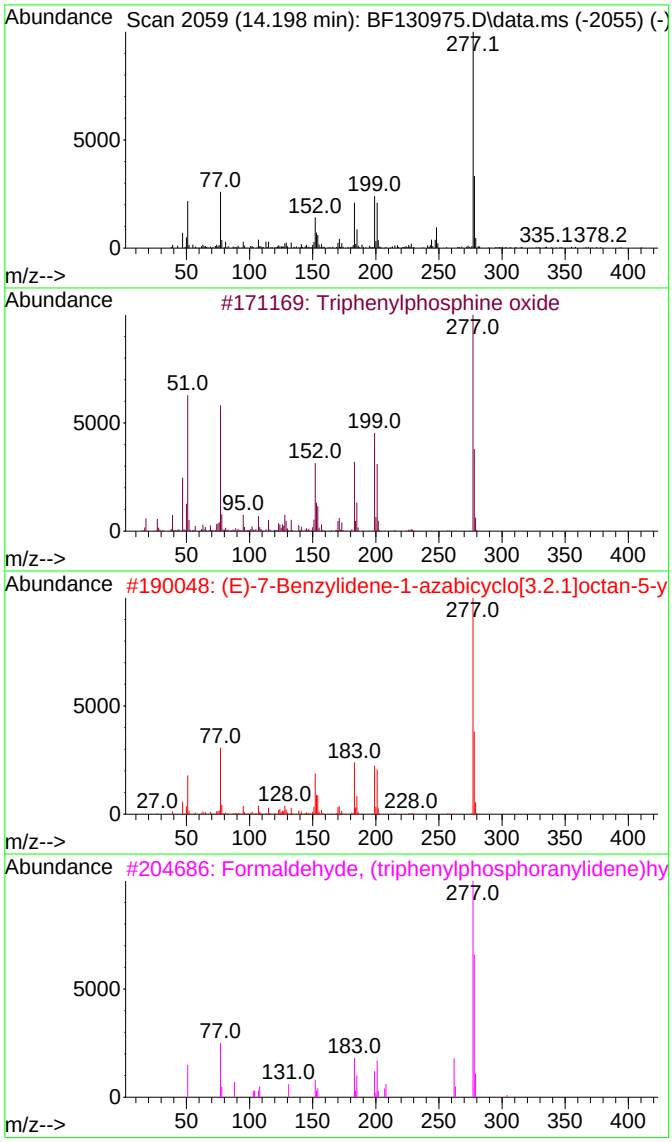
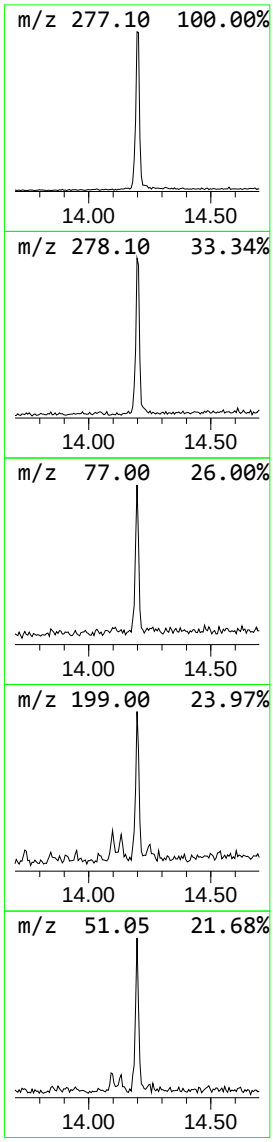
Peak Number 18 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	5.09 ng	259069	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	37





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Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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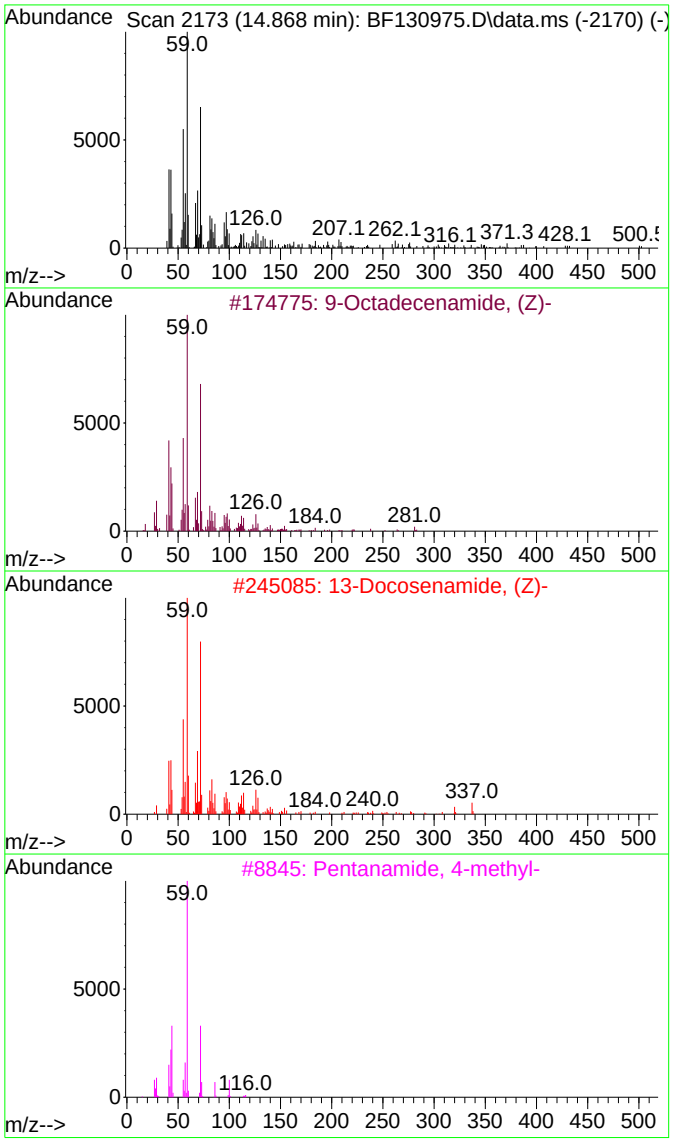
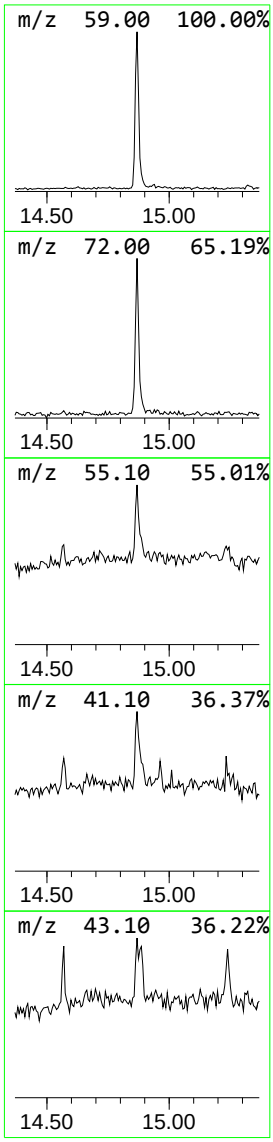
Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	6.69 ng	117195	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
4	Palmitoleamide	253	C16H31NO	106010-22-4	64
5	Octadecanamide	283	C18H37NO	000124-26-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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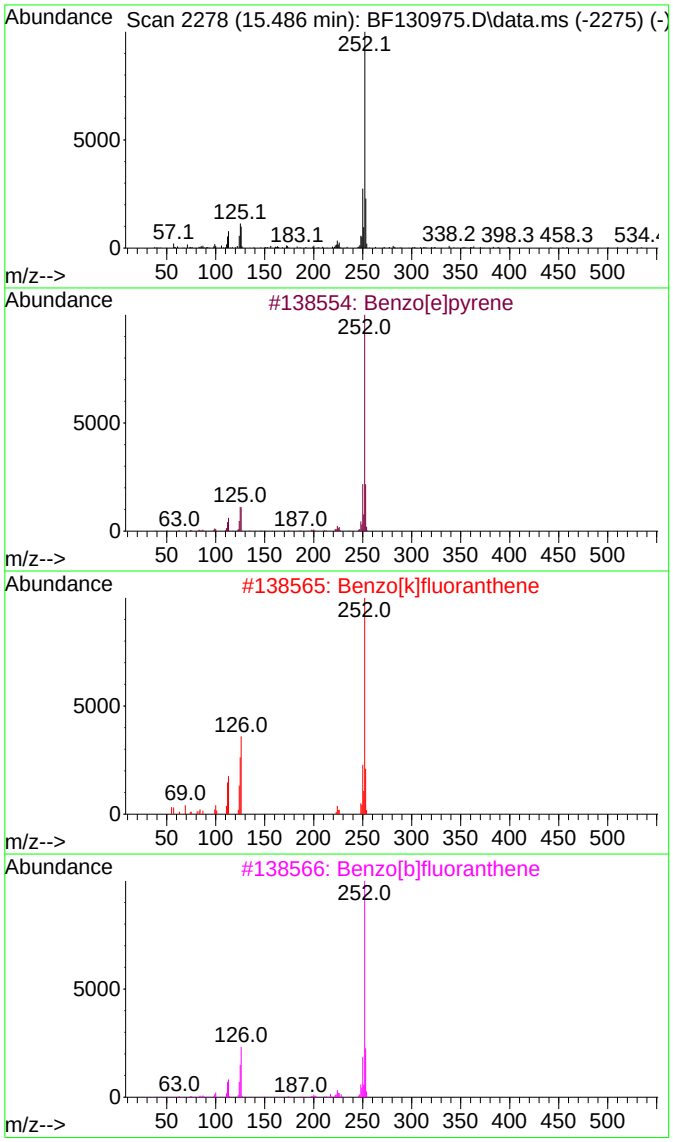
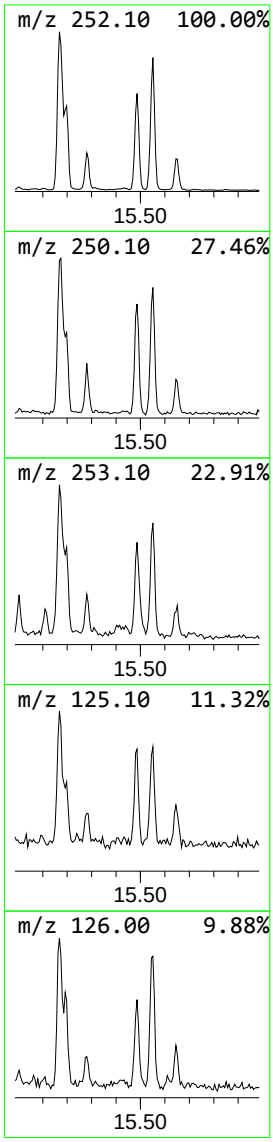
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	11.29 ng	197798	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130975.D
Acq On : 03 Nov 2022 23:34
Operator : CG\JU
Sample : N5396-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.216	21.9	ng	495804	1	6.916	451882	20.0
2-Pentanone, 4-...	5.146	20.8	ng	470614	1	6.916	451882	20.0
Ethanol, 2-(2-b...	8.104	12.8	ng	318193	2	8.204	496023	20.0
Phenanthrene, 4...	11.957	3.2	ng	91497	4	11.457	579303	20.0
Phenanthrene, 1...	11.986	4.1	ng	119230	4	11.457	579303	20.0
4H-Cyclopenta[d...	12.069	6.7	ng	193895	4	11.457	579303	20.0
1H-Indene, 2-ph...	12.092	2.1	ng	60537	4	11.457	579303	20.0
Tricyclo[8.2.2....	12.251	2.8	ng	80910	4	11.457	579303	20.0
9,10-Anthracene...	12.280	2.3	ng	66631	4	11.457	579303	20.0
Phenanthrene, 2...	12.510	5.1	ng	147236	4	11.457	579303	20.0
Benzene, 1,1'-(...	12.545	4.1	ng	118516	4	11.457	579303	20.0
Cyclopenta(def)...	12.598	3.3	ng	96792	4	11.457	579303	20.0
Pyrene, 1-methyl-	13.116	2.8	ng	143169	5	14.110	1018680	20.0
11H-Benzo[a]flu...	13.233	3.1	ng	159296	5	14.110	1018680	20.0
Fluoranthene, 2...	13.333	2.3	ng	119355	5	14.110	1018680	20.0
Benzo[b]naphtho...	13.851	2.5	ng	127853	5	14.110	1018680	20.0
11H-Benzo[a]flu...	13.945	2.1	ng	105067	5	14.110	1018680	20.0
Triphenylphosph...	14.198	5.1	ng	259069	5	14.110	1018680	20.0
9-Octadecenamid...	14.868	6.7	ng	117195	6	15.615	350359	20.0
Benzo[e]pyrene	15.486	11.3	ng	197798	6	15.615	350359	20.0