LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132486.D
Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-210

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.184	225	229	234	rVB	45723	52944	1.32%	0.091%
2	5.260	408	412	420	rVB	1570757	1908599	47.67%	3.268%
3	5.654	474	479	482	rBV	4264117	4003630	100.00%	6.856%
4	6.648	643	648	651	rBV	4033733	3980372	99.42%	6.816%
5	7.025	709	712	716	rBV	1477530	1191580	29.76%	2.040%
6	7.590	803	808	811	rBV	2914622	2488706	62.16%	4.262%
7	8.313	927	931	934	rBV	1828379	1437841	35.91%	2.462%
8	9.389	1110	1114	1117	rBV	4916213	3977088	99.34%	6.810%
9	9.731	1168	1172	1174	rBV	67416	60717	1.52%	0.104%
10	9.936	1201	1207	1211	rBV	132732	130353	3.26%	0.223%
11	10.078	1227	1231	1234	rVV	1594929	1338292	33.43%	2.292%
12	10.107	1234	1236	1239	rVB	220484	166873	4.17%	0.286%
13	10.278	1262	1265	1268	rVB2	89490	82583	2.06%	0.141%
14	10.489	1295	1301	1305	rVB2	44832	70495	1.76%	0.121%
15	10.625	1320	1324	1330	rVB	207879	179726	4.49%	0.308%
16	10.789	1348	1352	1355	rVB	1473864	1165536	29.11%	1.996%
17	10.872	1362	1366	1369	rBV	2236675	2079408	51.94%	3.561%
18	10.978	1379	1384	1385	rBV3	56336	83560	2.09%	0.143%
19	10.995	1385	1387	1392	rVB2	62833	63791	1.59%	0.109%
20	11.101	1401	1405	1410	rBV	123106	113001	2.82%	0.194%
21	11.178	1412	1418	1420	rBV2	64725	88333	2.21%	0.151%
22	11.301	1435	1439	1441	rBV3	49828	58877	1.47%	0.101%
23	11.325	1441	1443	1448	rVV2	51260	61954	1.55%	0.106%
24	11.372	1448	1451	1456	rVV	140156	145341	3.63%	0.249%
25	11.413	1456	1458	1462	rVV2	73777	87809	2.19%	0.150%
26	11.466	1465	1467	1471	rVB	119709	112209	2.80%	0.192%
27	11.572	1481	1485	1487	rBV	1399596	1234717	30.84%	2.114%
28	11.595	1487	1489	1493	rVV	2195175	2011459	50.24%	3.444%
29	11.648	1493	1498	1501	rVV	525661	464007	11.59%	0.795%
30	11.683	1501	1504	1509	rVB2	71344	85587	2.14%	0.147%
31	11.801	1520	1524	1529	rBV	252382	249418	6.23%	0.427%
32	11.866	1533	1535	1539	rVV	79426	63897	1.60%	0.109%
33	11.907	1539	1542	1546	rVV3	70795	75484	1.89%	0.129%
34	12.077	1568	1571	1573	rBV	565663	513305	12.82%	0.879%
35	12.101	1573	1575	1580	rVV	428055	436344	10.90%	0.747%
36	12.154	1581	1584	1586	rVV	123257	109054	2.72%	0.187%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.189	1586	1590	1593	rVV2	540290	626976	15.66%	1.074%
38	12.213	1593	1594	1597	rVB	227354	118751	2.97%	0.203%
39	12.254	1598	1601	1604	rBV2	69408	74570	1.86%	0.128%
40	12.336	1612	1615	1617	rBV2	58617	50440	1.26%	0.086%
41	12.372	1618	1621	1623	rVV	263043	210911	5.27%	0.361%
42	12.401	1623	1626	1630	rVB	329325	306980	7.67%	0.526%
43	12.554	1649	1652	1654	rVB	75654	53190	1.33%	0.091%
44	12.577	1654	1656	1658	rVB	74072	51127	1.28%	0.088%
45	12.630	1661	1665	1668	rBV2	194473	267193	6.67%	0.458%
46	12.719	1677	1680	1685	rBV	242771	243568	6.08%	0.417%
47	12.801	1689	1694	1697	rBV	4215489	3870028	96.66%	6.627%
48	12.860	1701	1704	1707	rBV2	85929	98032	2.45%	0.168%
49	12.948	1717	1719	1722	rBV	123216	100005	2.50%	0.171%
50	13.030	1726	1733	1738	rBV2	3387998	3922042	97.96%	6.716%
51	13.072	1738	1740	1744	rVB2	178850	176638	4.41%	0.302%
52	13.166	1749	1756	1758	rBV	3119897	3179821	79.42%	5.445%
53	13.183	1758	1759	1763	rVB	198810	147586	3.69%	0.253%
54	13.248	1765	1770	1773	rBV3	238852	402074	10.04%	0.689%
55	13.277	1773	1775	1777	rBV	73214	59796	1.49%	0.102%
56	13.330	1780	1784	1785	rBV3	199282	226925	5.67%	0.389%
57	13.354	1786	1788	1791	rVB	502511	414727	10.36%	0.710%
58	13.419	1797	1799	1802	rBV	340986	300385	7.50%	0.514%
59	13.460	1802	1806	1809	rVV2	320900	370402	9.25%	0.634%
60	13.483	1809	1810	1813	rVB	103385	80322	2.01%	0.138%
61	13.513	1813	1815	1820	rBV2	69446	83305	2.08%	0.143%
62	13.554	1820	1822	1825	rBV	189361	154273	3.85%	0.264%
63	13.583	1825	1827	1830	rBV3	159130	153546	3.84%	0.263%
64	13.866	1872	1875	1879	rVB	309351	312536	7.81%	0.535%
65	13.977	1890	1894	1897	rBV2	379358	475617	11.88%	0.814%
66	14.007	1897	1899	1901	rVV	305398	258950	6.47%	0.443%
67	14.036	1901	1904	1907	rVV2	263733	429679	10.73%	0.736%
68	14.071	1908	1910	1919	rVB	361537	453691	11.33%	0.777%
69	14.224	1932	1936	1940	rBV3	1809254	2570292	64.20%	4.401%
70	14.260	1940	1942	1948	rVB	1672628	1426680	35.63%	2.443%
71	14.319	1950	1952	1954	rBV	332134	271926	6.79%	0.466%
72	14.342	1954	1956	1958	rVB	196553	143528	3.58%	0.246%
73	14.460	1972	1976	1979	rBV2	177066	232687	5.81%	0.398%
74	15.336	2120	2125	2128	rBV	1186111	1975261	49.34%	3.382%
75	15.448	2142	2144	2148	rVB	188869	185501	4.63%	0.318%
76	15.665	2177	2181	2188	rVB	735206	970884	24.25%	1.663%

LSC Area Percent Report

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Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.736	2189	2193	2198	rVB	945869	1157311	28.91%	1.982%
78	15.801	2200	2204	2207	rBV2	499975	662565	16.55%	1.135%
79	17.424	2476	2480	2489	rVB2	383605	753345	18.82%	1.290%

Sum of corrected areas: 58396956

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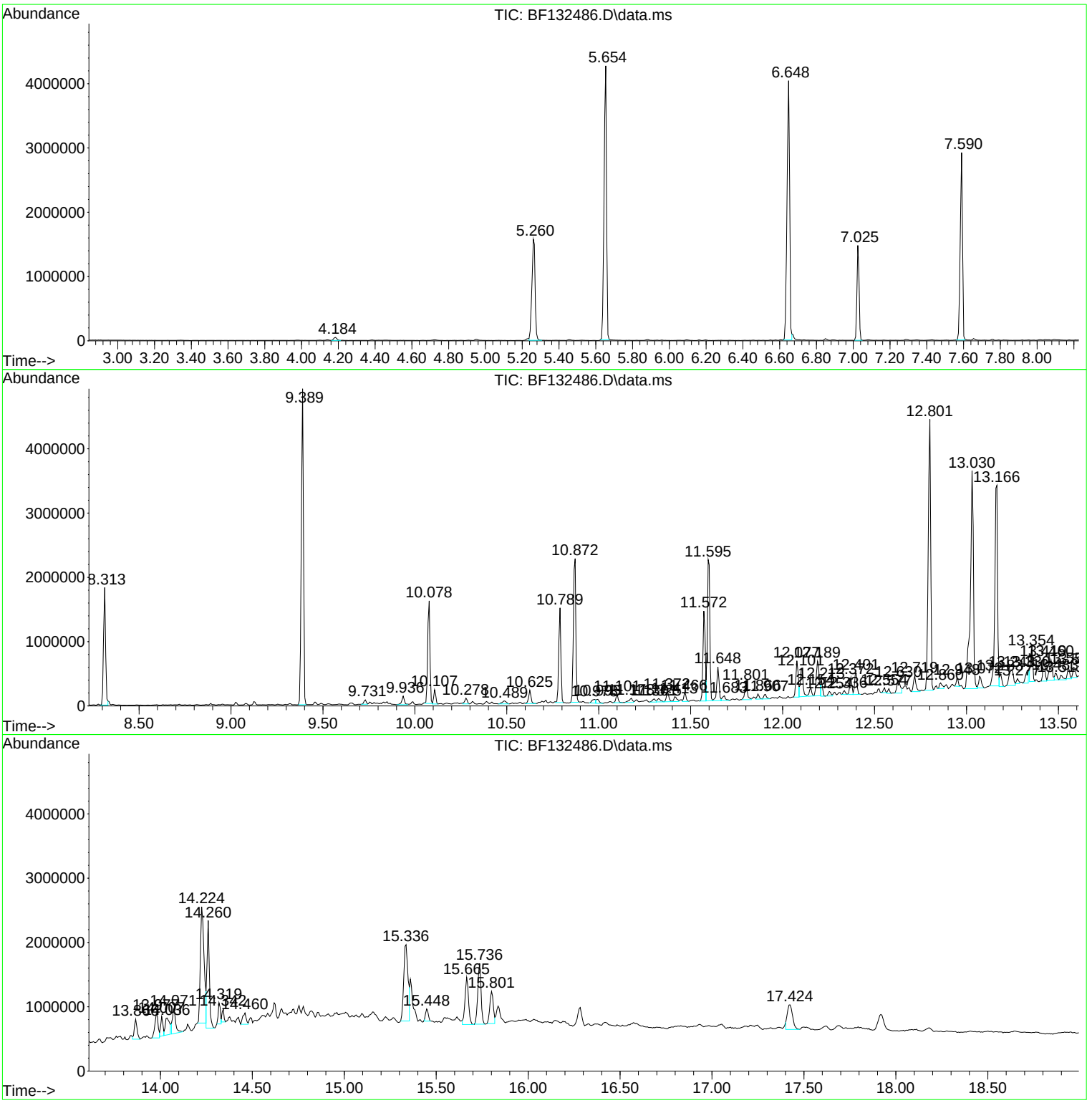
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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\BF022023\
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Instrument :
BNA_F
ClientSampleId :
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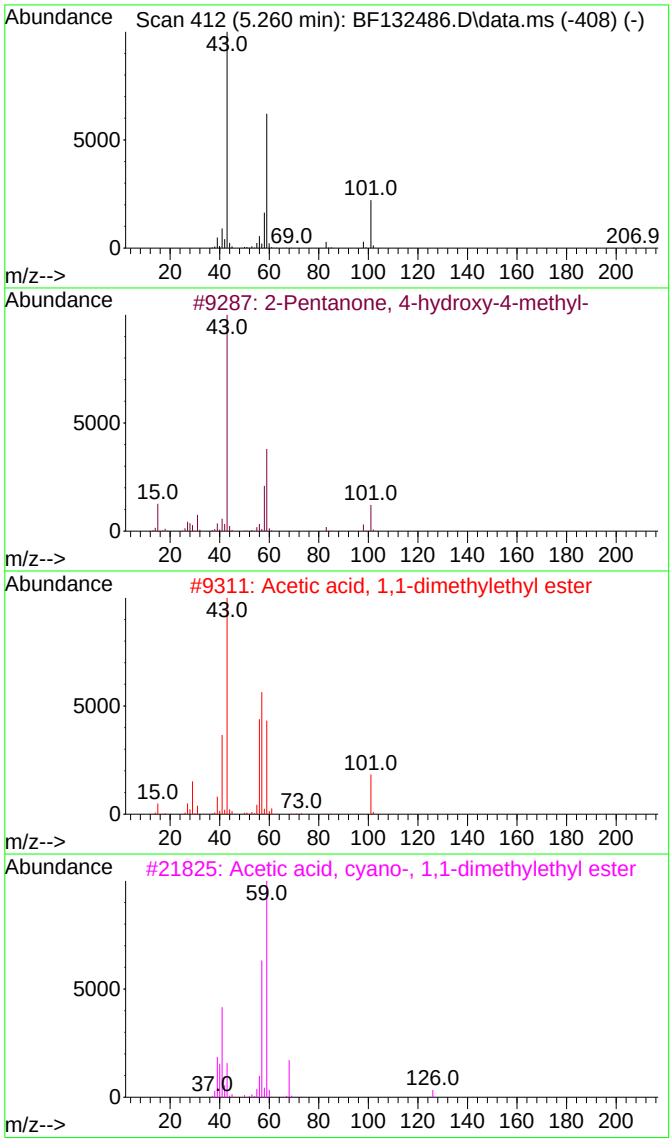
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

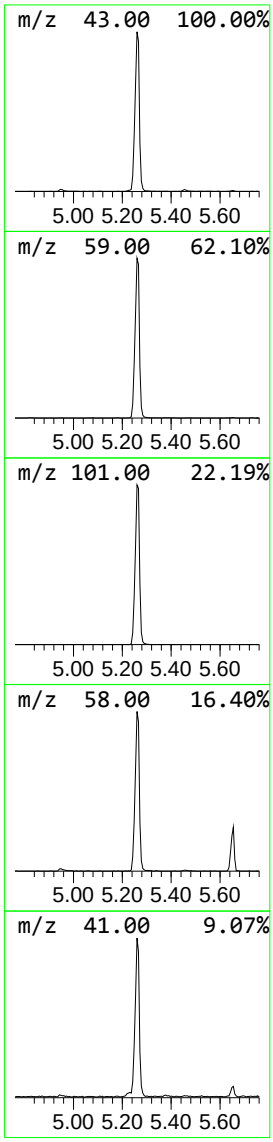
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.260	32.03 ng	1908600	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

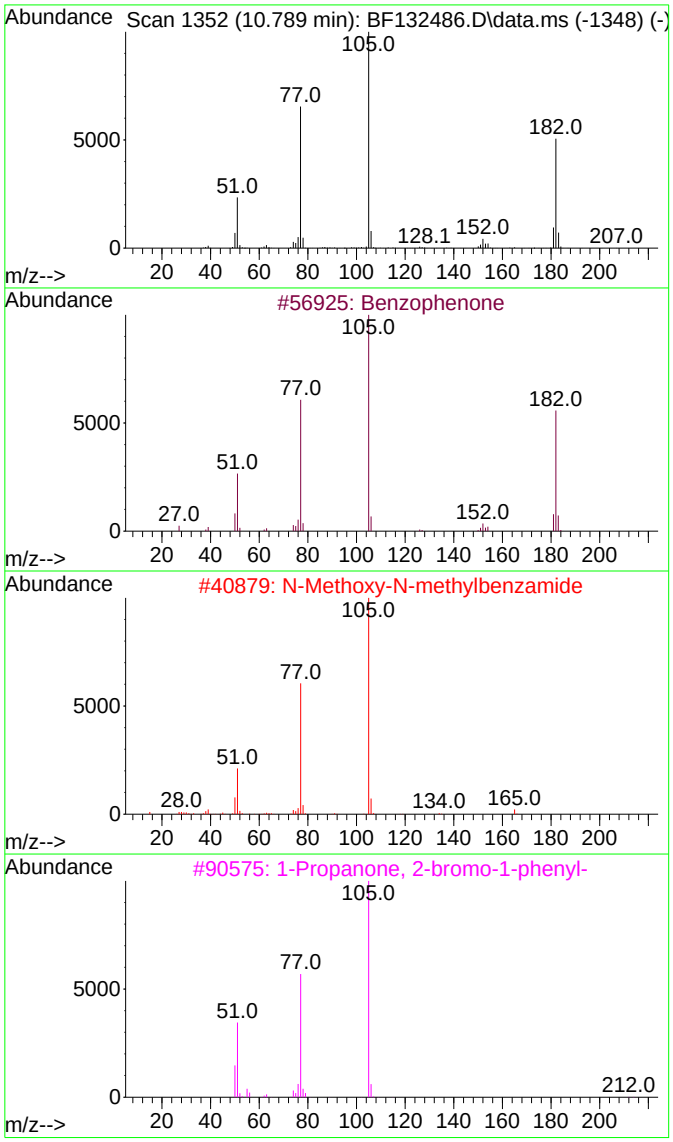
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

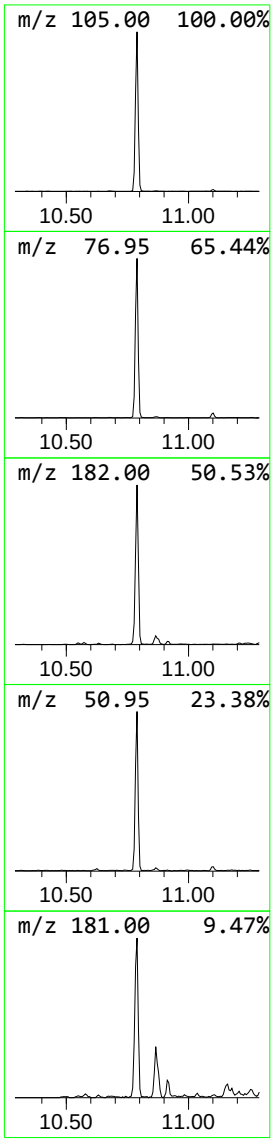
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.789	17.42 ng	1165540	Acenaphthene-d10	10.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

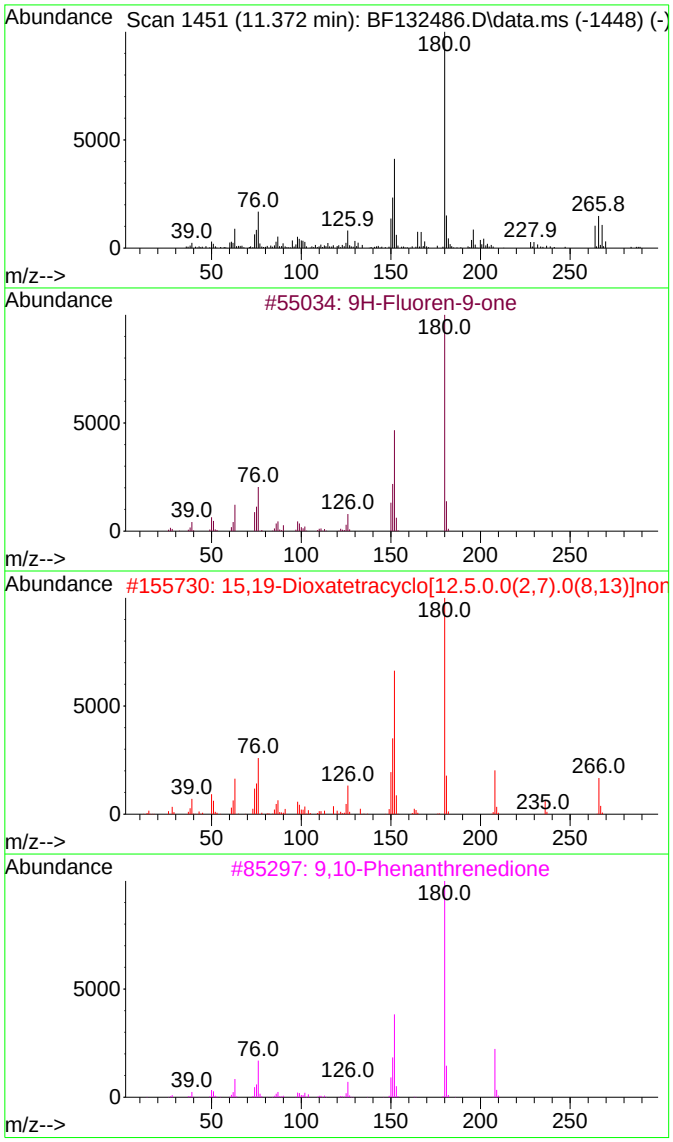
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

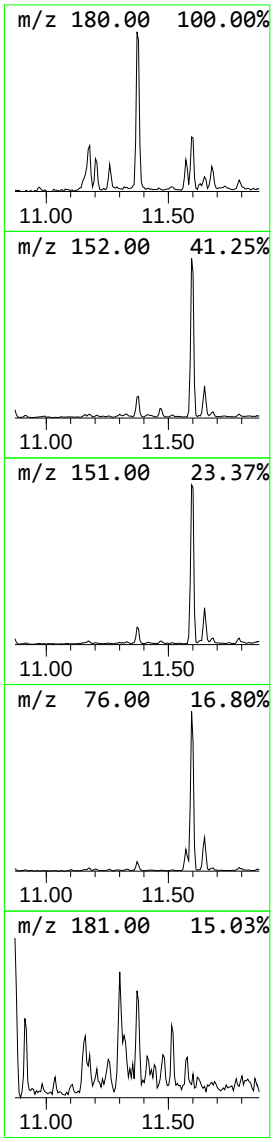
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.372	2.35 ng	145341	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	15,19-Dioxatetracyclo[12.5.0.0(2...	266	C17H14O3	1000436-55-0	83
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
4	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	59
5	Diphenic anhydride	224	C14H8O3	006050-13-1	49





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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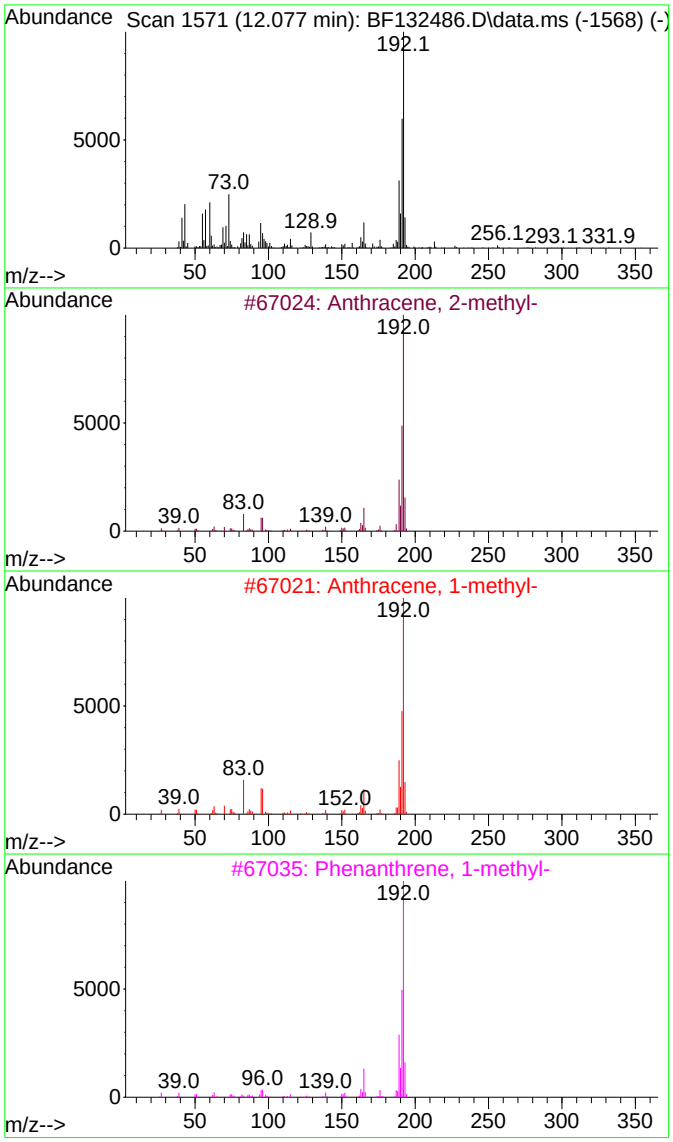
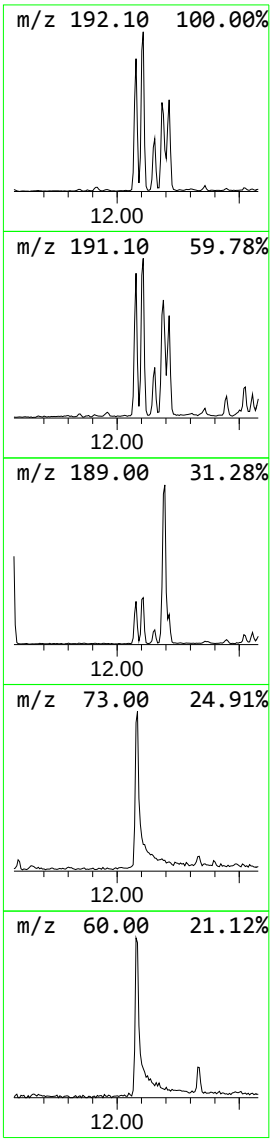
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	8.31 ng	513305	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

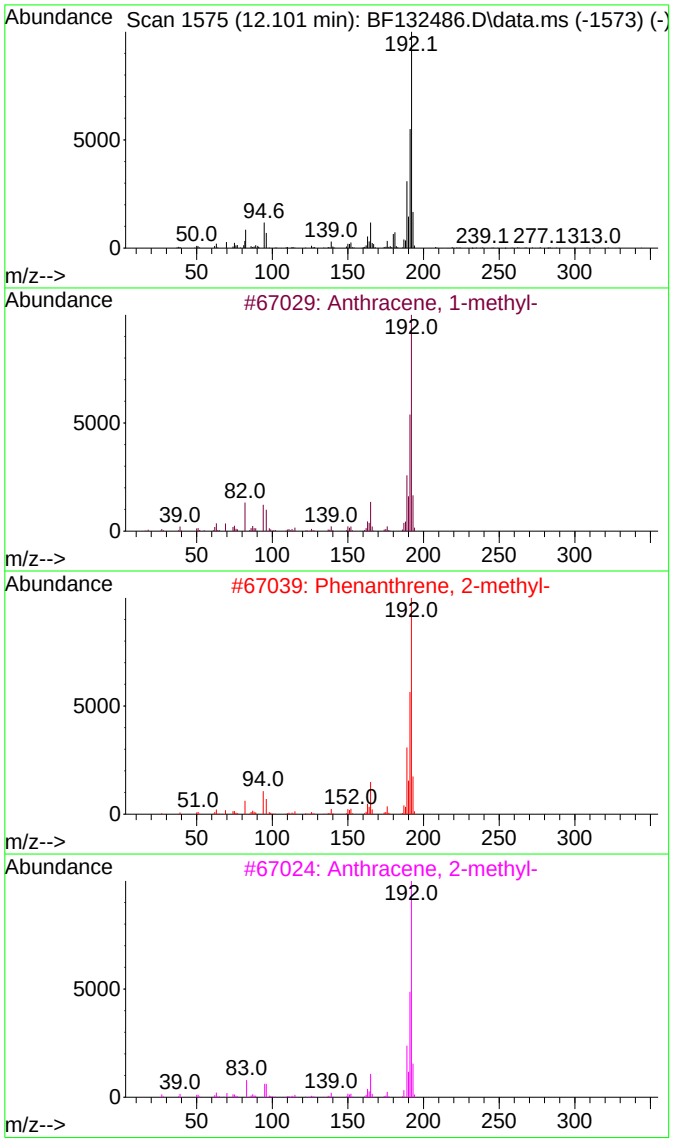
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

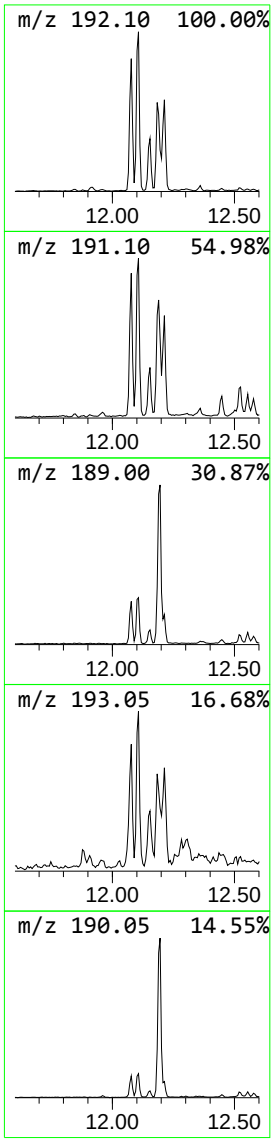
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.101	7.07 ng	436344	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BF132486.D
Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

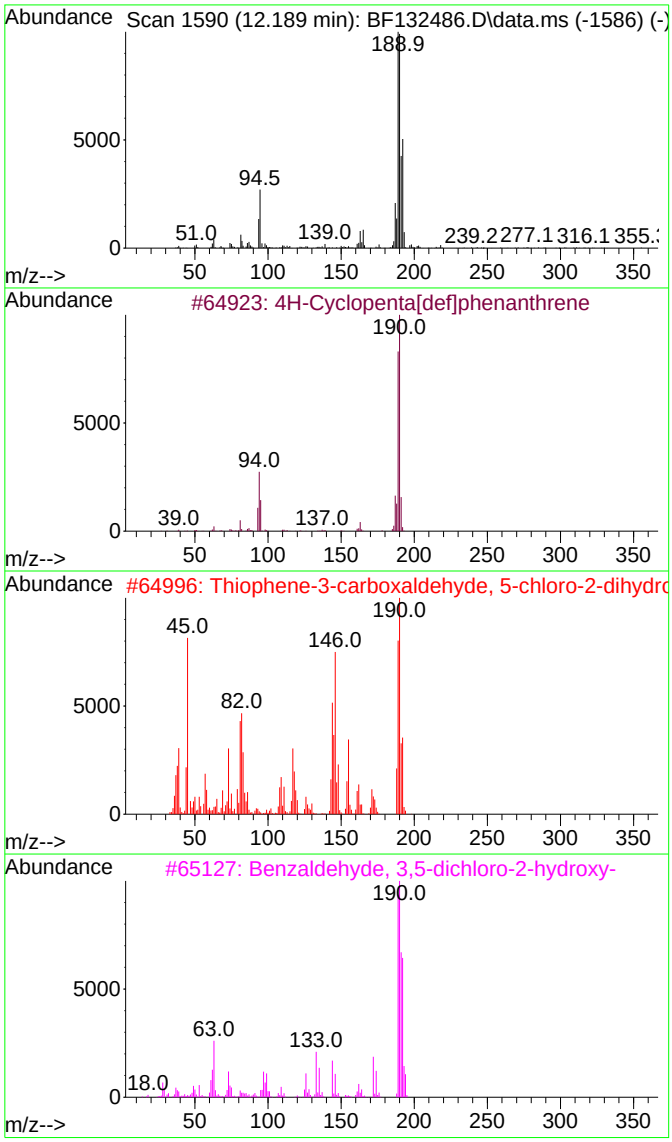
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

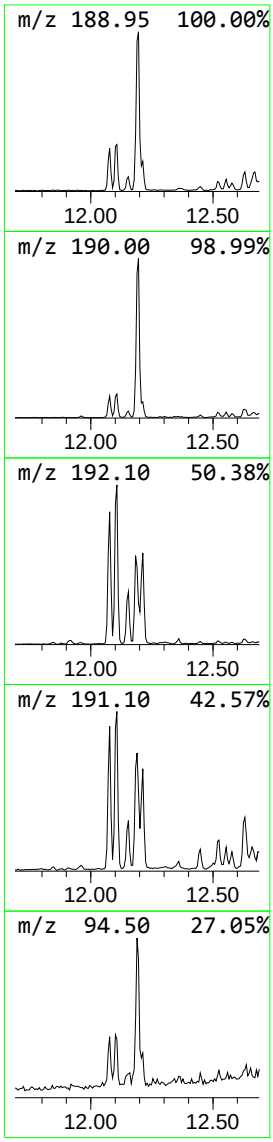
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.189	10.16 ng	626976	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	16





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Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
VNJ-210

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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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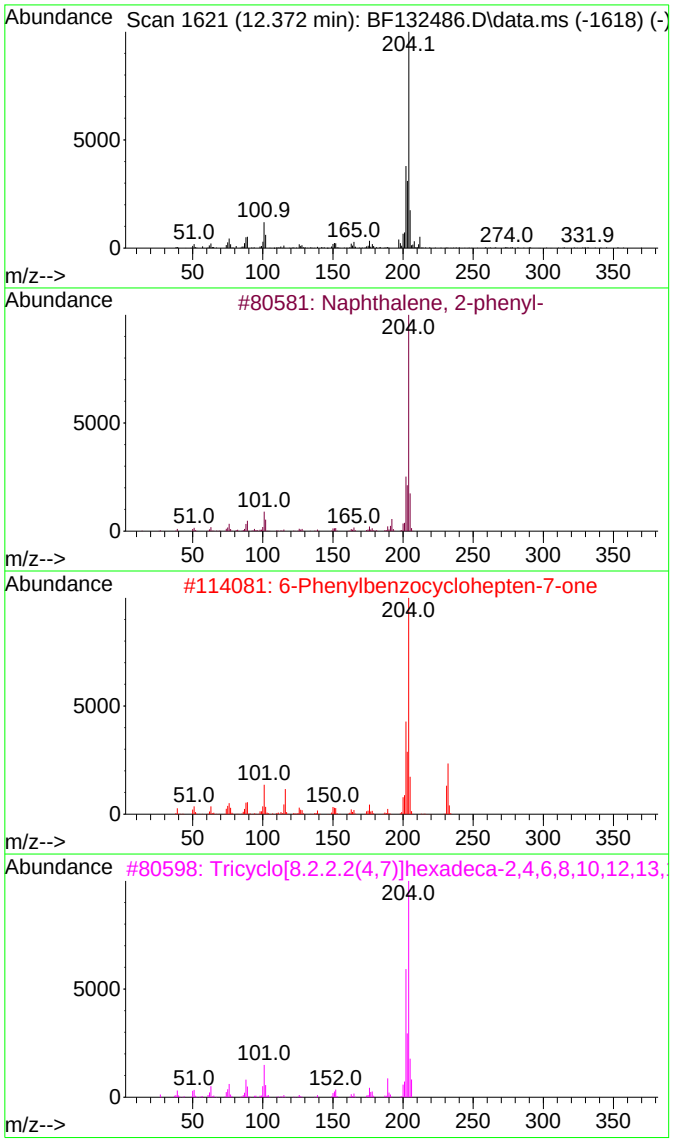
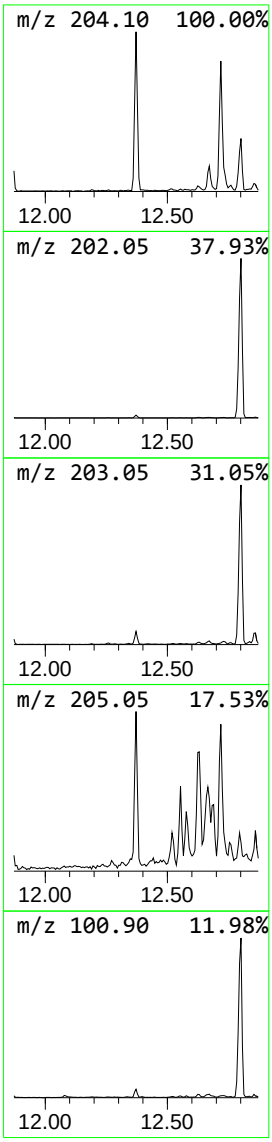
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	3.42 ng	210911	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	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

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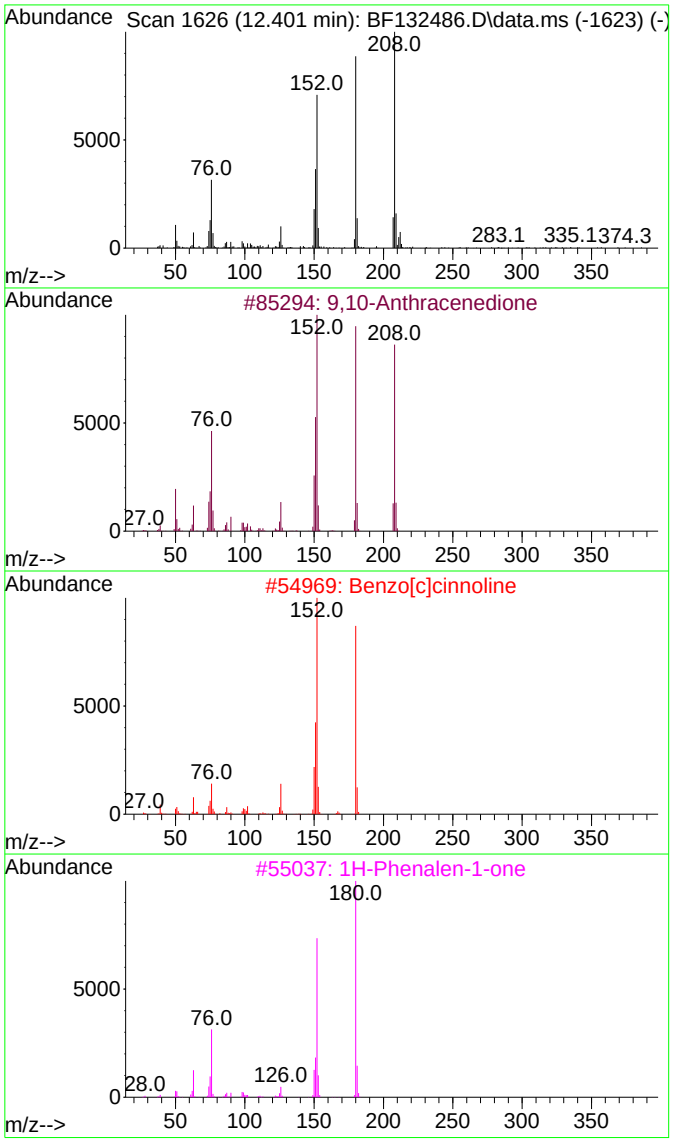
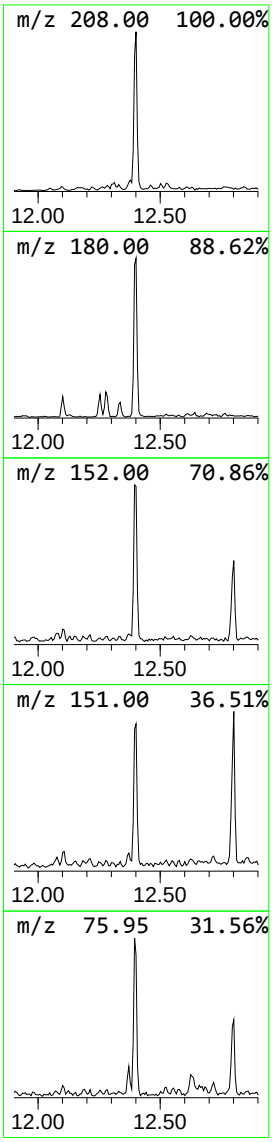
Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.401	4.97 ng	306980	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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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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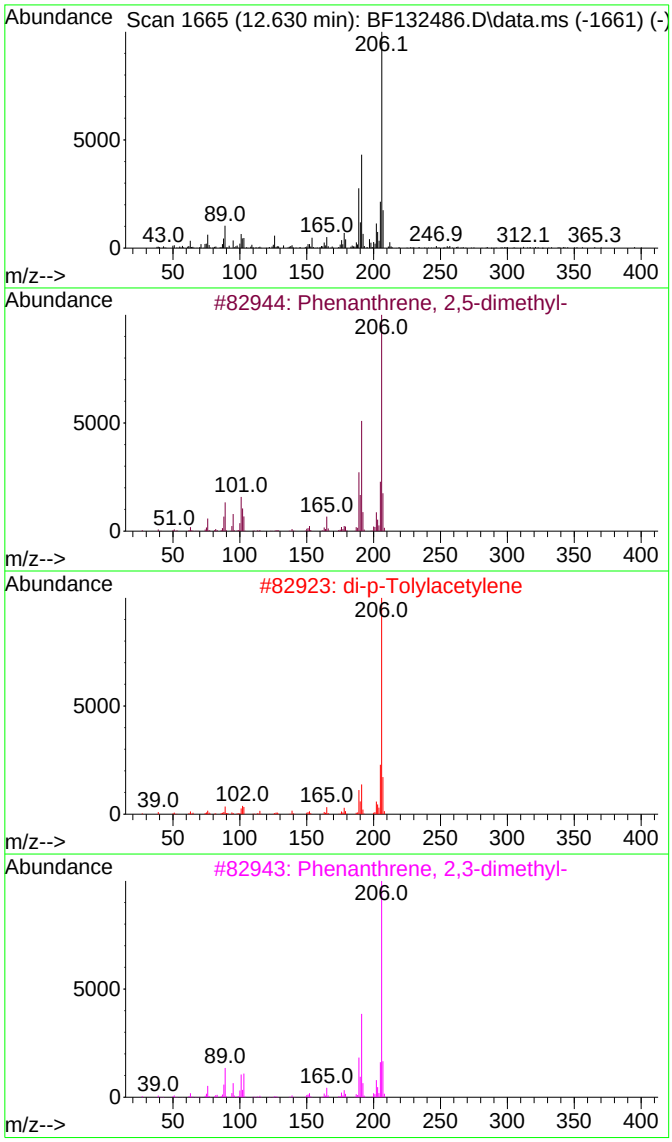
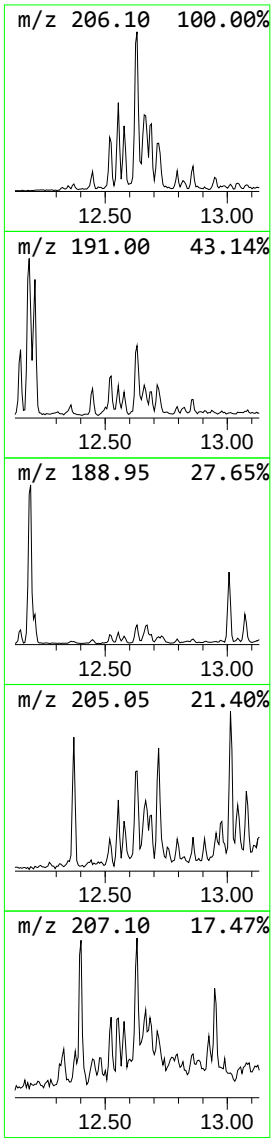
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.630	4.33 ng	267193	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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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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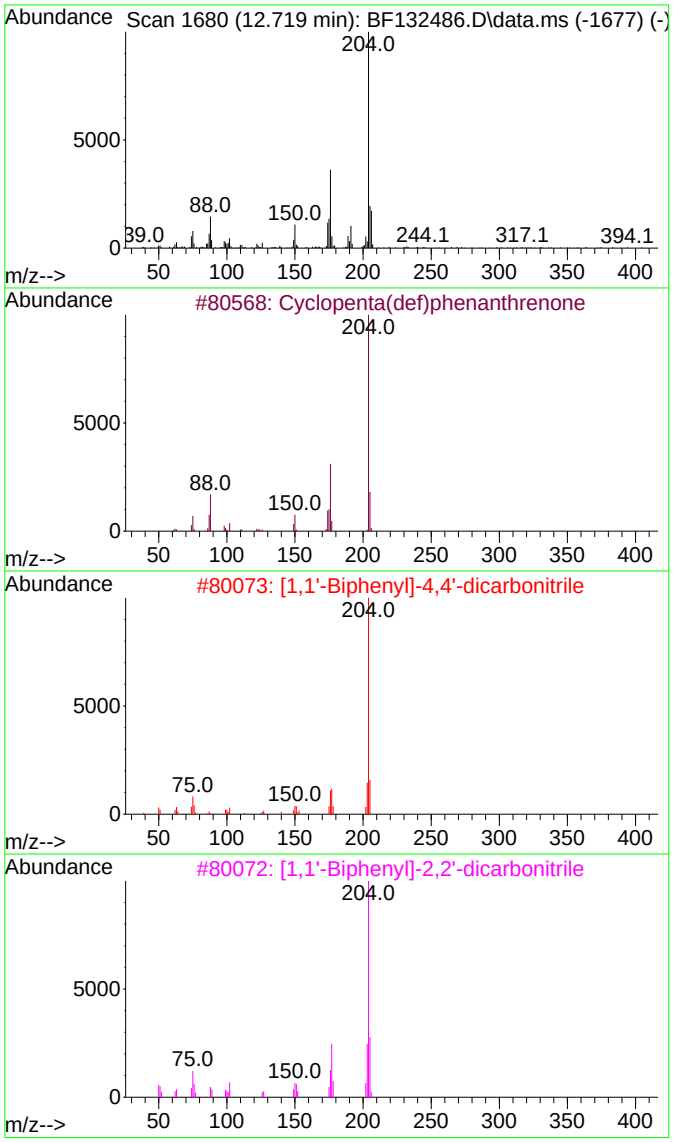
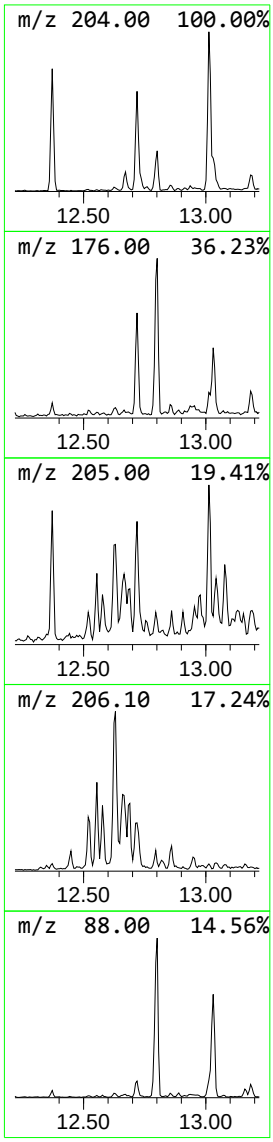
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.719	3.95 ng	243568	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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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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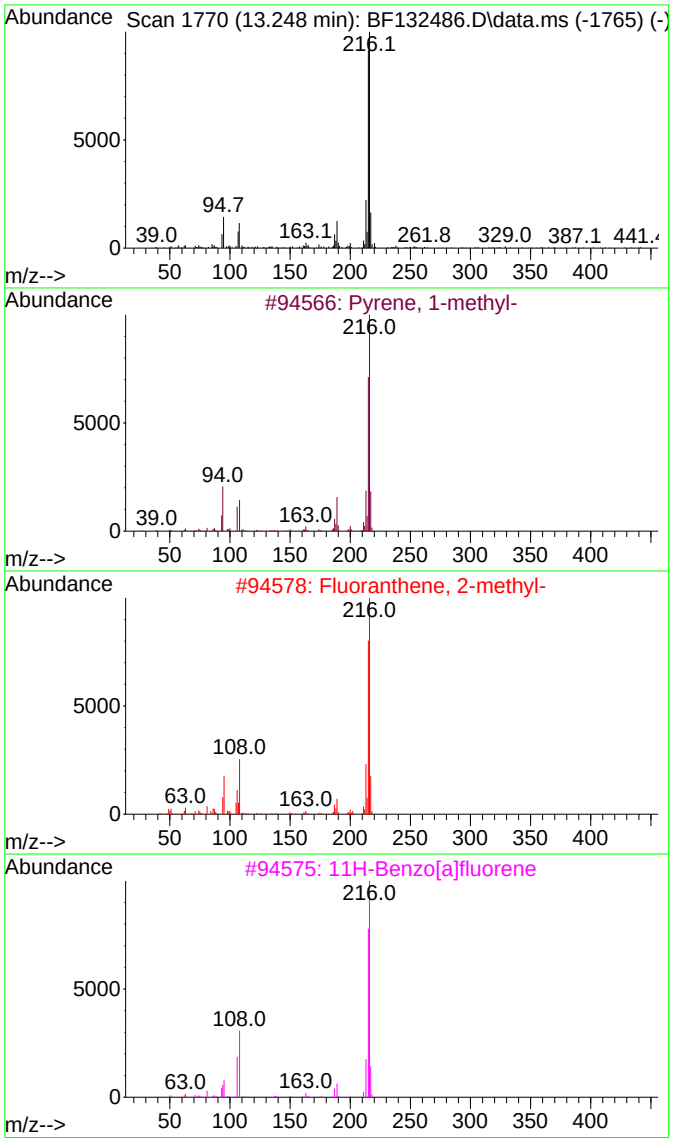
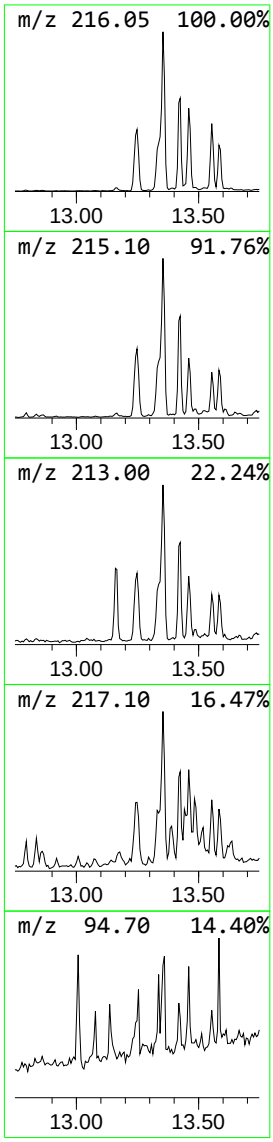
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	3.13 ng	402074	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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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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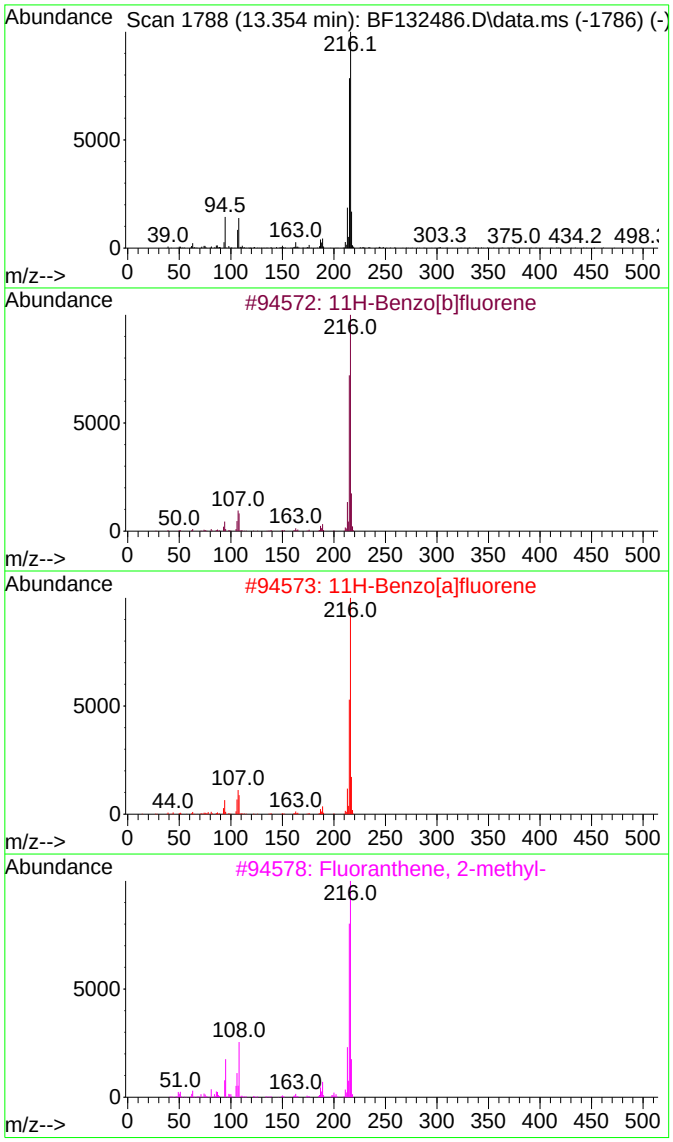
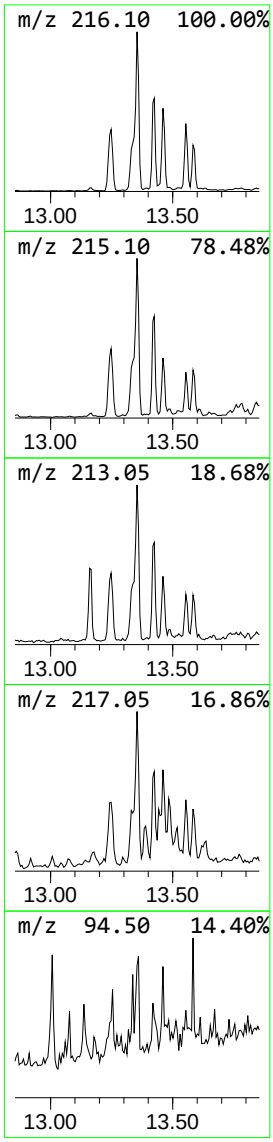
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.354	3.23 ng	414727	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-210

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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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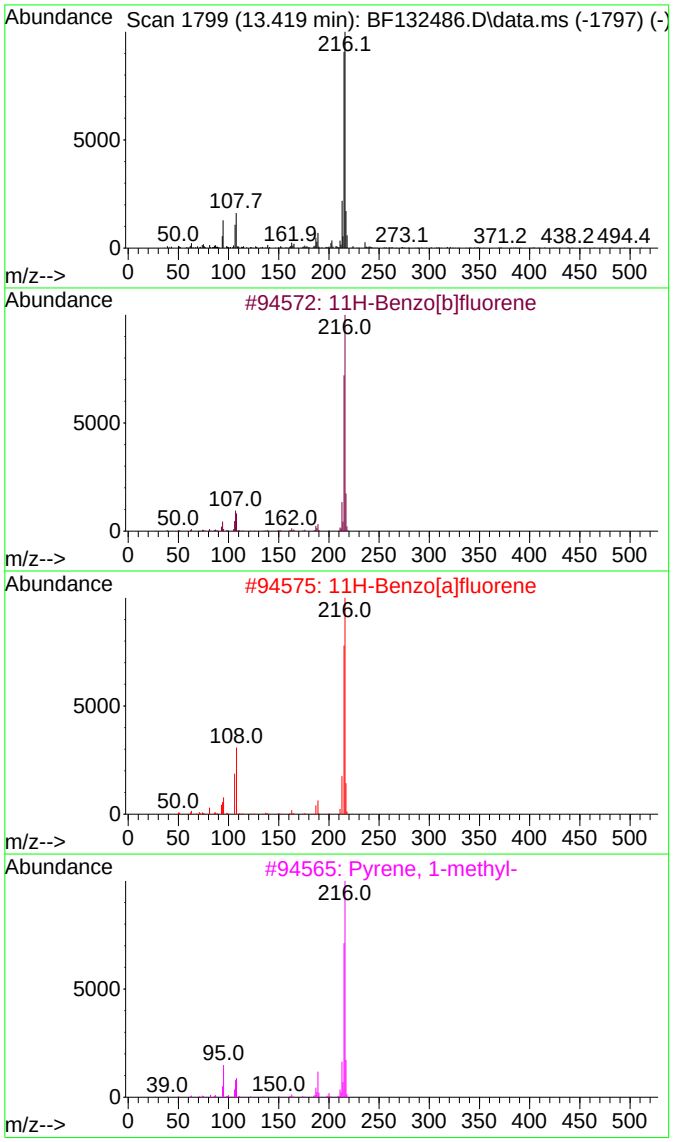
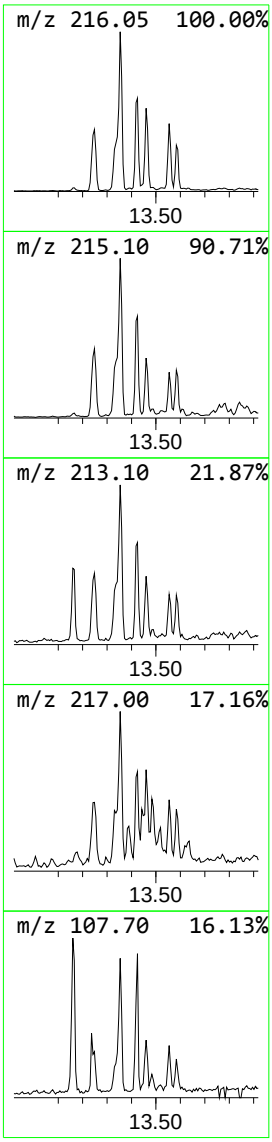
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.419	2.34 ng	300385	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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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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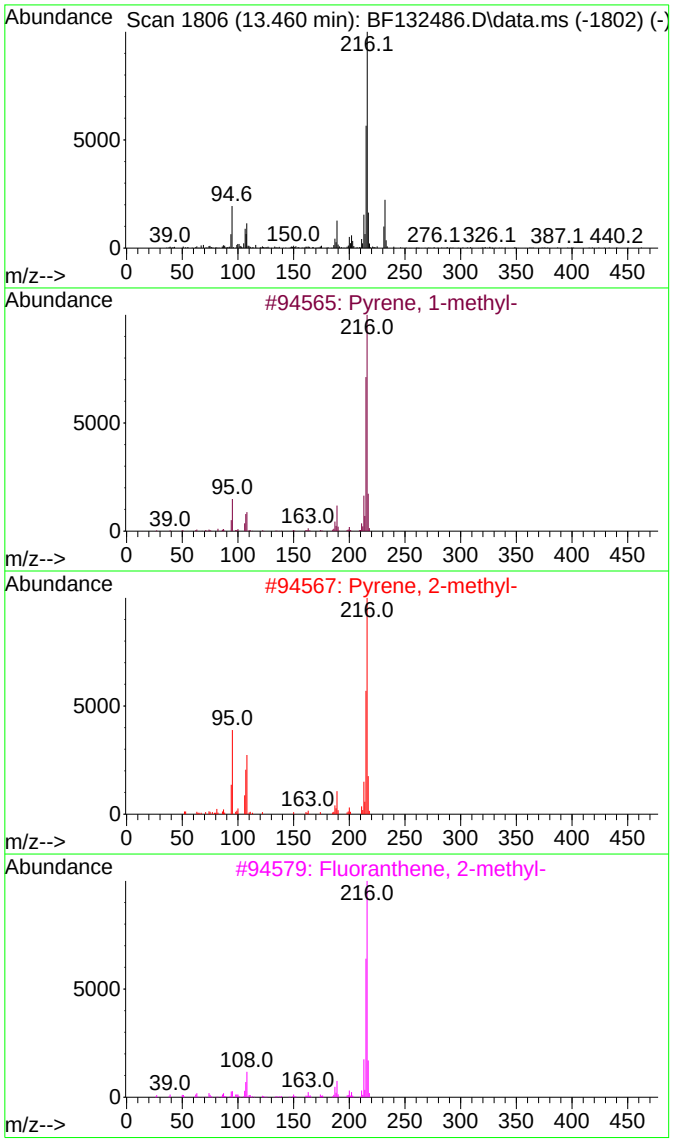
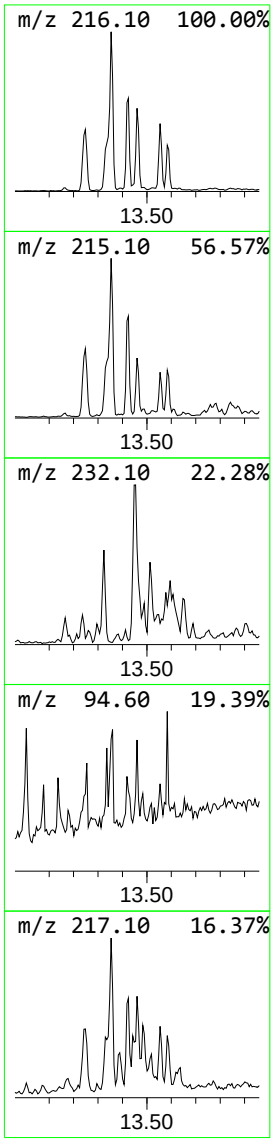
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.460	2.88 ng	370402	Chrysene-d12	14.236

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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	057770-59-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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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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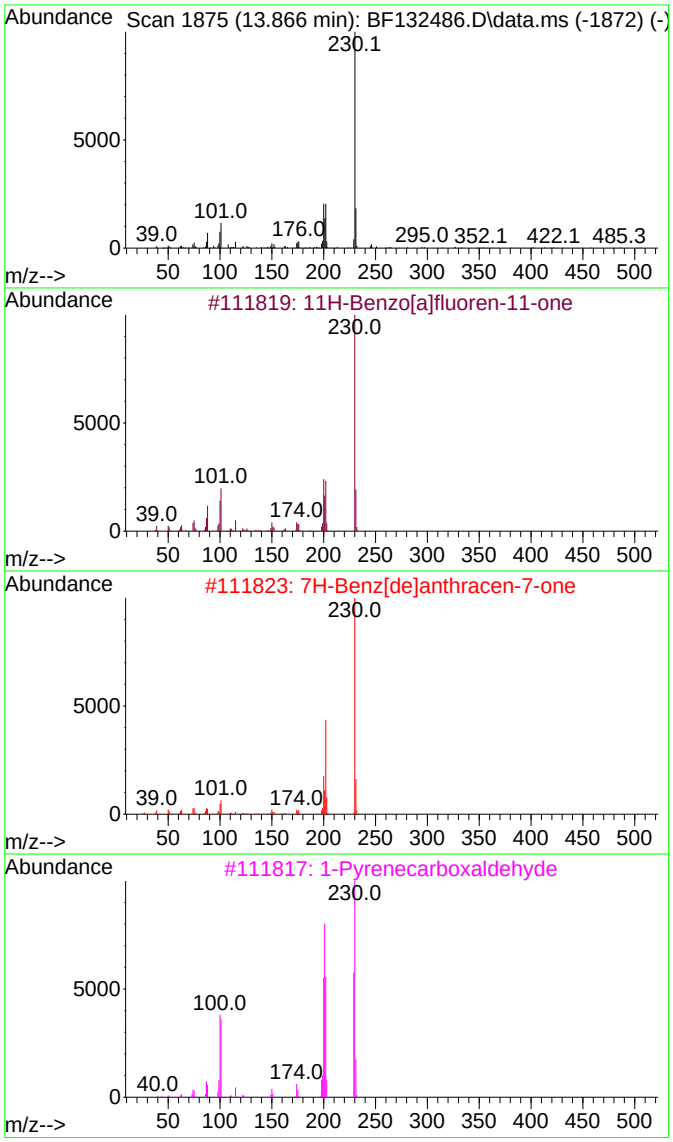
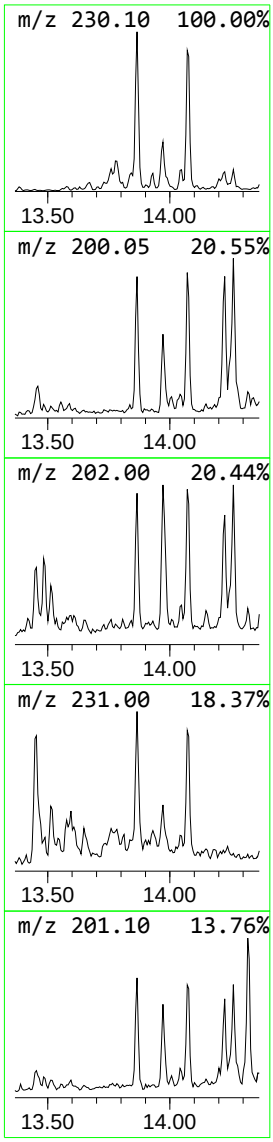
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.866	2.43 ng	312536	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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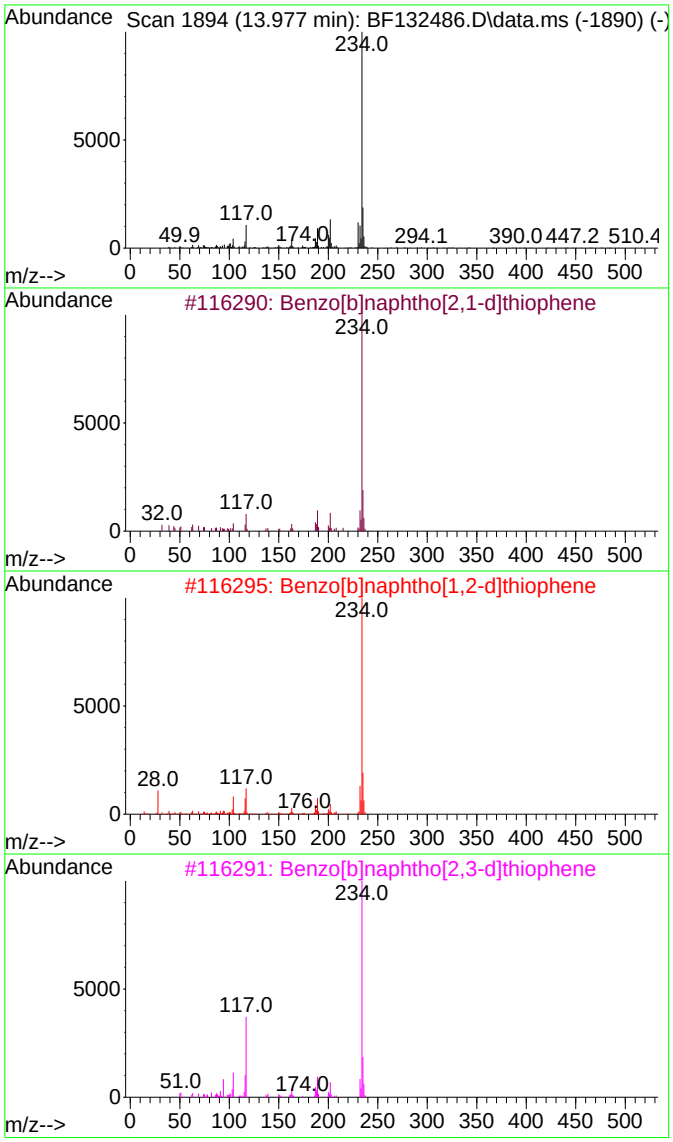
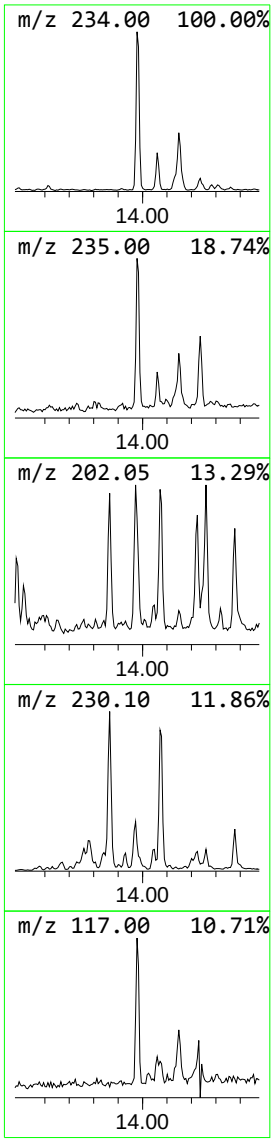
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	3.70 ng	475617	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
5	4H-Chromene-3-carboxylic acid et...	277	C15H19NO4	1000303-29-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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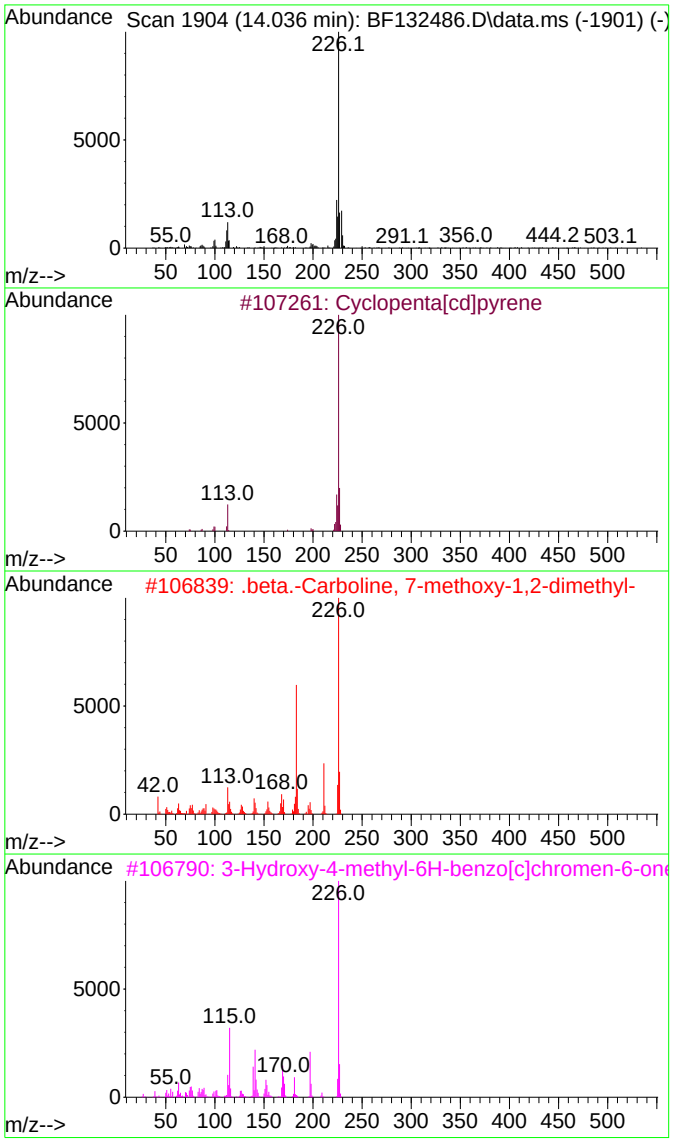
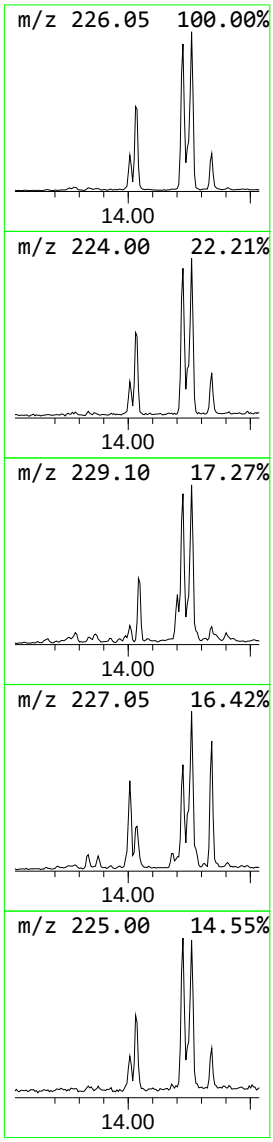
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	3.34 ng	429679	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	53
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50





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BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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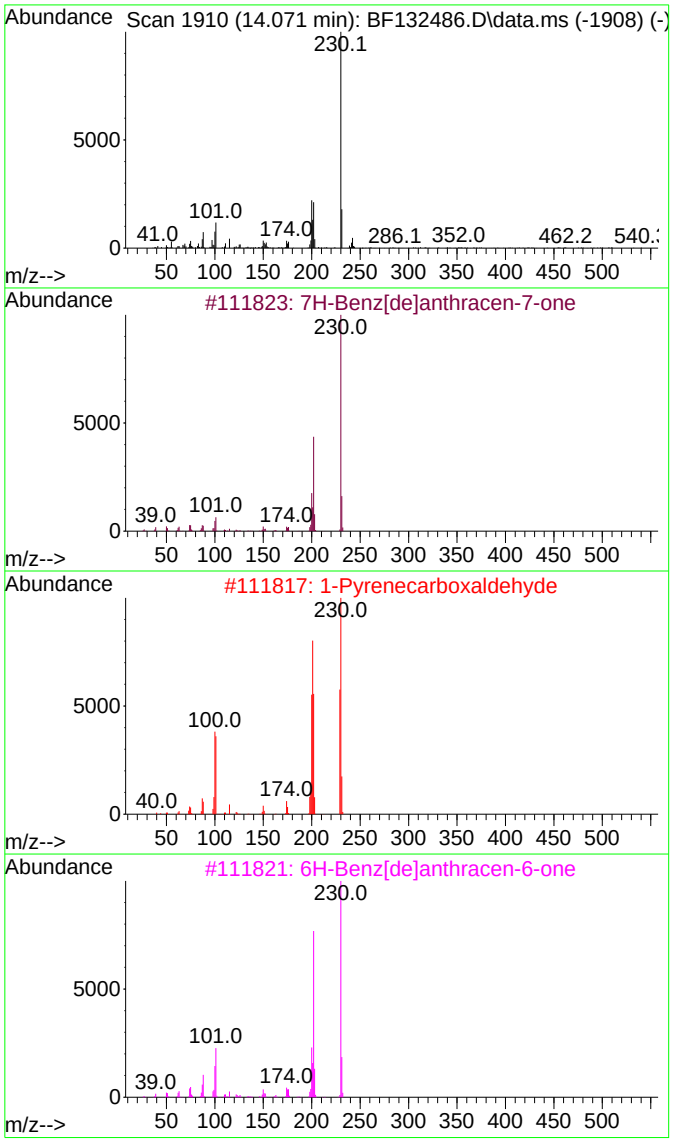
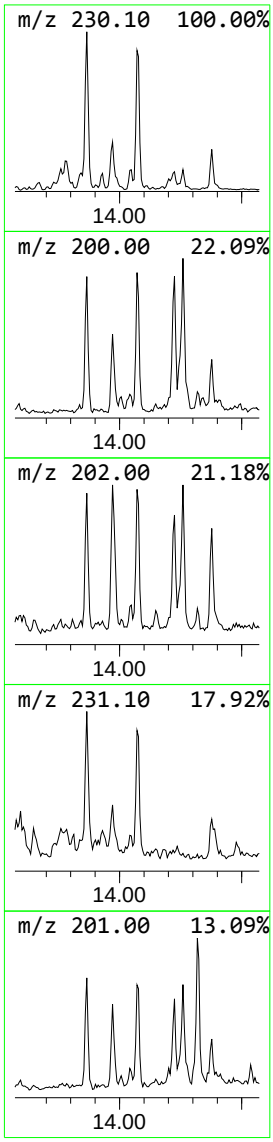
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.072	3.53 ng	453691	Chrysene-d12	14.236

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132486.D
Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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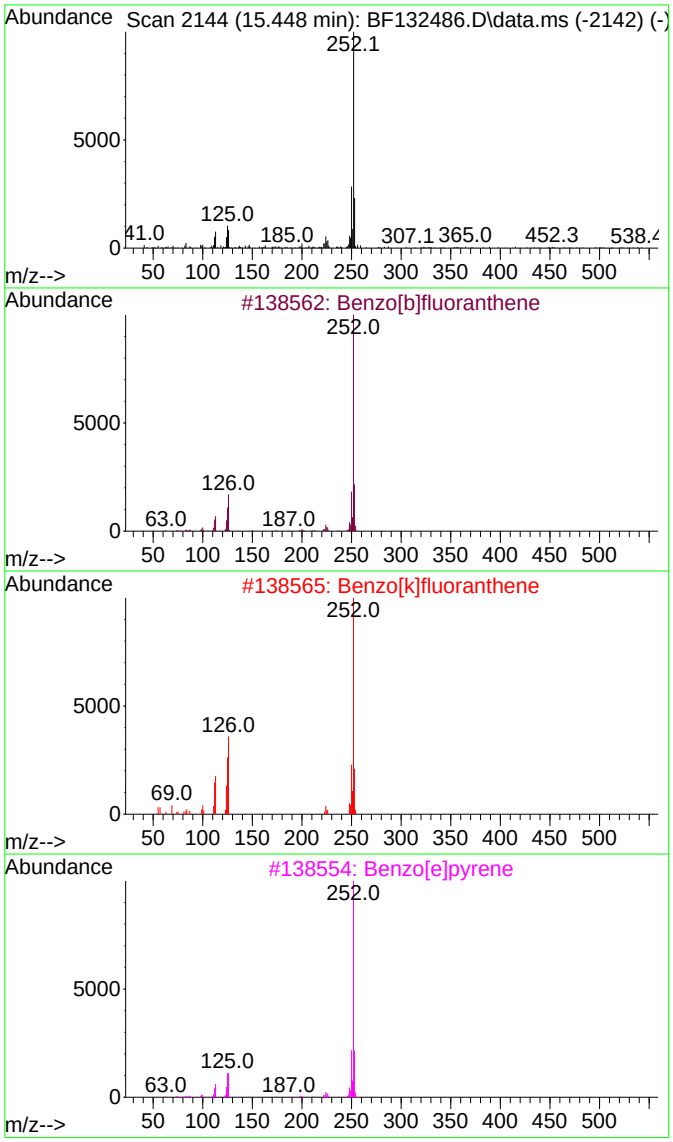
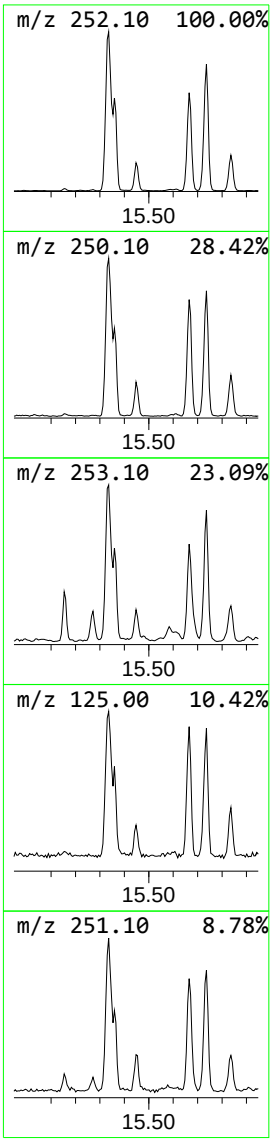
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.448	5.60 ng	185501	Perylene-d12	15.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[e]pyrene	252	C20H12	000192-97-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132486.D
Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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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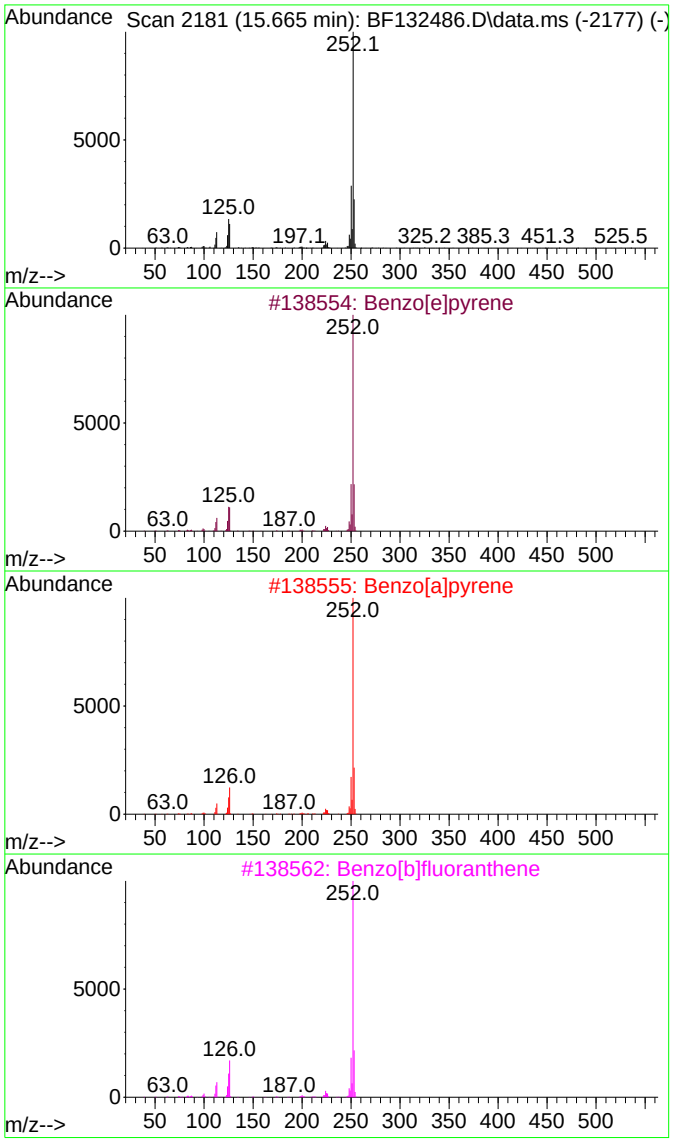
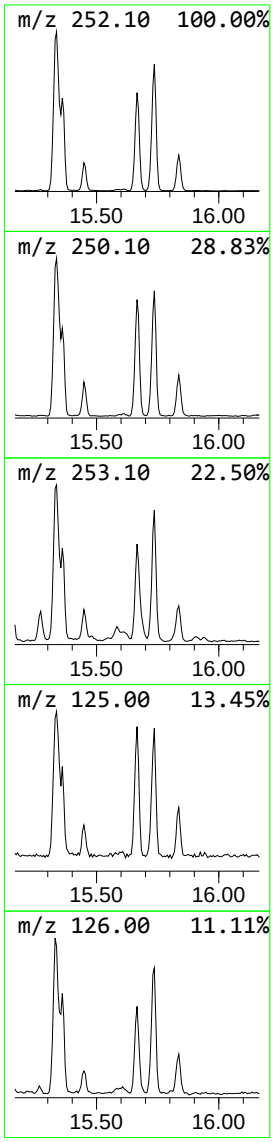
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.666	29.31 ng	970884	Perylene-d12	15.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132486.D
Acq On : 20 Feb 2023 19:07
Operator : CG\JU
Sample : 01606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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-...	5.260	32.0	ng	1908600	1	7.025	1191580	20.0
Benzophenone	10.789	17.4	ng	1165540	3	10.078	1338290	20.0
9H-Fluoren-9-one	11.372	2.4	ng	145341	4	11.572	1234720	20.0
Anthracene, 2-m...	12.078	8.3	ng	513305	4	11.572	1234720	20.0
Anthracene, 1-m...	12.101	7.1	ng	436344	4	11.572	1234720	20.0
4H-Cyclopenta[d...	12.189	10.2	ng	626976	4	11.572	1234720	20.0
Naphthalene, 2-...	12.372	3.4	ng	210911	4	11.572	1234720	20.0
9,10-Anthracene...	12.401	5.0	ng	306980	4	11.572	1234720	20.0
Phenanthrene, 2...	12.630	4.3	ng	267193	4	11.572	1234720	20.0
Cyclopenta(def)...	12.719	4.0	ng	243568	4	11.572	1234720	20.0
Pyrene, 1-methyl-	13.248	3.1	ng	402074	5	14.236	2570290	20.0
11H-Benzo[b]flu...	13.354	3.2	ng	414727	5	14.236	2570290	20.0
11H-Benzo[a]flu...	13.419	2.3	ng	300385	5	14.236	2570290	20.0
Pyrene, 2-methyl-	13.460	2.9	ng	370402	5	14.236	2570290	20.0
11H-Benzo[a]flu...	13.866	2.4	ng	312536	5	14.236	2570290	20.0
Benzo[b]naphtho...	13.977	3.7	ng	475617	5	14.236	2570290	20.0
Cyclopenta[cd]p...	14.036	3.3	ng	429679	5	14.236	2570290	20.0
7H-Benz[de]anth...	14.072	3.5	ng	453691	5	14.236	2570290	20.0
Benzo[e]pyrene	15.448	5.6	ng	185501	6	15.801	662565	20.0
Perylene	15.666	29.3	ng	970884	6	15.801	662565	20.0