LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.551	244	249	257	rVB	30445	49619	1.93%	0.169%
2	4.822	461	465	475	rBV	130933	159657	6.21%	0.542%
3	5.251	534	538	555	rVB	1393607	1311325	51.02%	4.454%
4	6.292	711	715	728	rBV	1330953	1247258	48.53%	4.237%
5	6.651	772	776	779	rBV	546078	420753	16.37%	1.429%
6	6.916	817	821	827	rBV4	16808	25728	1.00%	0.087%
7	7.216	868	872	875	rBV	993050	789127	30.70%	2.680%
8	7.934	986	994	997	rBV	615194	511555	19.90%	1.738%
9	9.010	1173	1177	1180	rBV	1851031	1426198	55.49%	4.844%
10	9.545	1264	1268	1273	rBV	255089	196210	7.63%	0.666%
11	9.686	1286	1292	1295	rBV	562492	485324	18.88%	1.649%
12	9.716	1295	1297	1300	rVB	72980	52641	2.05%	0.179%
13	9.886	1323	1326	1331	rVB	54069	46362	1.80%	0.157%
14	10.069	1352	1357	1359	rBV	56501	48037	1.87%	0.163%
15	10.228	1381	1384	1390	rVB	81185	81491	3.17%	0.277%
16	10.386	1409	1411	1419	rVB2	29489	32687	1.27%	0.111%
17	10.469	1419	1425	1432	rBV	962208	894869	34.82%	3.040%
18	10.598	1444	1447	1455	rVB2	43530	50566	1.97%	0.172%
19	10.775	1472	1477	1480	rBV3	26304	36414	1.42%	0.124%
20	10.975	1508	1511	1514	rVB	61037	53856	2.10%	0.183%
21	11.016	1515	1518	1521	rVV3	22618	28901	1.12%	0.098%
22	11.063	1524	1526	1531	rVB	60565	56666	2.20%	0.192%
23	11.169	1540	1544	1545	rBV	530138	457064	17.78%	1.553%
24	11.192	1545	1548	1551	rVV	1018454	815066	31.71%	2.769%
25	11.239	1551	1556	1559	rVB	281565	233751	9.10%	0.794%
26	11.274	1559	1562	1566	rBV2	36556	37664	1.47%	0.128%
27	11.404	1577	1584	1587	rBV	108627	134160	5.22%	0.456%
28	11.469	1592	1595	1597	rBV2	35557	33408	1.30%	0.113%
29	11.498	1597	1600	1604	rVB3	30573	31727	1.23%	0.108%
30	11.669	1625	1629	1631	rBV	134850	119650	4.66%	0.406%
31	11.698	1631	1634	1639	rVV2	196133	282755	11.00%	0.960%
32	11.739	1639	1641	1644	rVV	80287	68998	2.68%	0.234%
33	11.780	1644	1648	1650	rVV	215646	237008	9.22%	0.805%
34	11.798	1650	1651	1657	rVB	95479	76936	2.99%	0.261%
35	11.963	1677	1679	1681	rBV	93692	76777	2.99%	0.261%
36	11.986	1681	1683	1687	rVB	181573	144415	5.62%	0.491%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.110	1699	1704	1707	rBV3	43721	62799	2.44%	0.213%
38	12.145	1707	1710	1712	rBV	31303	26608	1.04%	0.090%
39	12.216	1719	1722	1725	rBV2	96122	120484	4.69%	0.409%
40	12.274	1730	1732	1734	rVV	35483	26572	1.03%	0.090%
41	12.298	1734	1736	1741	rVV	136127	137423	5.35%	0.467%
42	12.380	1746	1750	1753	rVB	2145165	1798557	69.98%	6.109%
43	12.439	1753	1760	1763	rBV3	48807	85372	3.32%	0.290%
44	12.469	1763	1765	1767	rBV	119715	100088	3.89%	0.340%
45	12.492	1767	1769	1771	rBV2	62076	50811	1.98%	0.173%
46	12.610	1783	1789	1792	rBV	1829137	1820648	70.84%	6.184%
47	12.651	1794	1796	1801	rVB2	67512	85647	3.33%	0.291%
48	12.727	1805	1809	1810	rBV	98862	99251	3.86%	0.337%
49	12.757	1810	1814	1820	rVB	1885332	1640508	63.83%	5.572%
50	12.827	1820	1826	1829	rBV2	119559	201218	7.83%	0.683%
51	12.857	1829	1831	1834	rVV2	45242	40056	1.56%	0.136%
52	12.910	1837	1840	1842	rVV2	116575	147674	5.75%	0.502%
53	12.933	1842	1844	1847	rVB	212354	179667	6.99%	0.610%
54	12.969	1847	1850	1852	rBV3	38416	47624	1.85%	0.162%
55	12.998	1852	1855	1858	rVV	144304	119097	4.63%	0.405%
56	13.033	1858	1861	1864	rVV2	235471	229177	8.92%	0.778%
57	13.063	1864	1866	1869	rVB2	43295	41199	1.60%	0.140%
58	13.092	1869	1871	1874	rBV	35448	36457	1.42%	0.124%
59	13.127	1874	1877	1880	rVB	104262	90674	3.53%	0.308%
60	13.157	1880	1882	1889	rBV3	116274	170713	6.64%	0.580%
61	13.233	1893	1895	1902	rVB5	59817	79688	3.10%	0.271%
62	13.439	1927	1930	1938	rVB	252516	237470	9.24%	0.807%
63	13.551	1945	1949	1952	rBV2	250229	278326	10.83%	0.945%
64	13.580	1952	1954	1956	rVV	159636	134815	5.25%	0.458%
65	13.598	1956	1957	1959	rVV	146412	131397	5.11%	0.446%
66	13.651	1963	1966	1968	rVB	202113	189709	7.38%	0.644%
67	13.798	1984	1991	1995	rBV2	1881176	2570086	100.00%	8.730%
68	13.833	1995	1997	2002	rVB	1109832	912077	35.49%	3.098%
69	13.910	2007	2010	2012	rVB	210546	180804	7.03%	0.614%
70	13.945	2014	2016	2018	rBV	140590	112442	4.38%	0.382%
71	14.033	2029	2031	2033	rVB	116289	82510	3.21%	0.280%
72	14.063	2033	2036	2038	rVB2	49186	42954	1.67%	0.146%
73	14.192	2055	2058	2061	rVB	195864	178401	6.94%	0.606%
74	14.227	2061	2064	2067	rVB2	117463	130068	5.06%	0.442%
75	14.280	2071	2073	2076	rBV2	82837	69438	2.70%	0.236%
76	14.315	2076	2079	2081	rBV3	92080	107320	4.18%	0.365%

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Operator : CG\JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.492	2107	2109	2111	rBV3	68178	55734	2.17%	0.189%
78	14.815	2159	2164	2166	rBV	1181920	1628107	63.35%	5.530%
79	14.910	2177	2180	2183	rVB	239882	247571	9.63%	0.841%
80	15.086	2206	2210	2216	rVB	627089	847395	32.97%	2.878%
81	15.145	2216	2220	2225	rVB	898868	1051682	40.92%	3.572%
82	15.204	2226	2230	2232	rBV	414854	490035	19.07%	1.665%
83	15.233	2232	2235	2240	rVB2	309587	408433	15.89%	1.387%
84	16.533	2450	2456	2463	rVB2	368798	679796	26.45%	2.309%
85	16.933	2518	2524	2531	rVB	264394	480785	18.71%	1.633%

Sum of corrected areas: 29439990

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
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Operator : CG\JU
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Misc :
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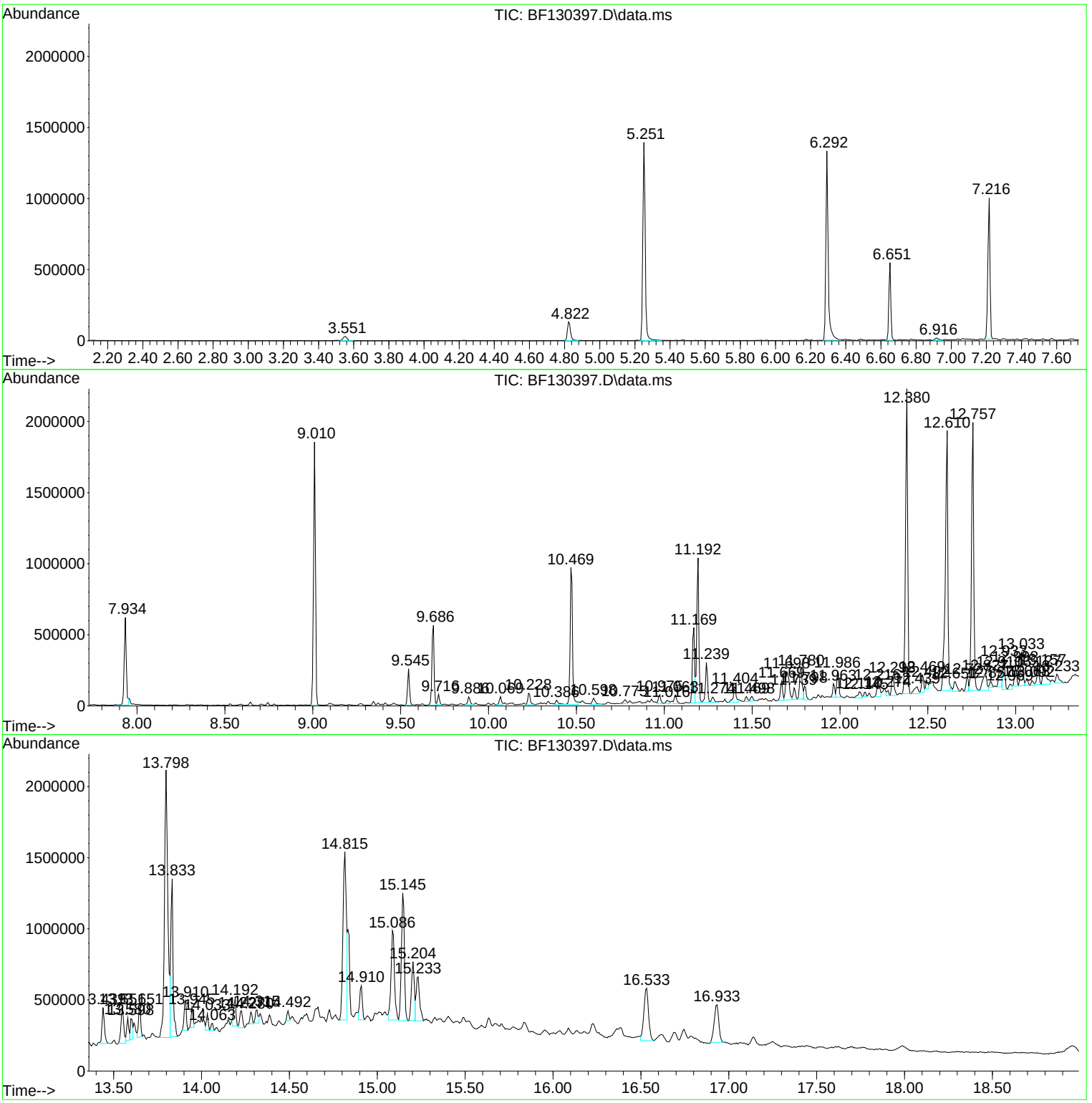
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

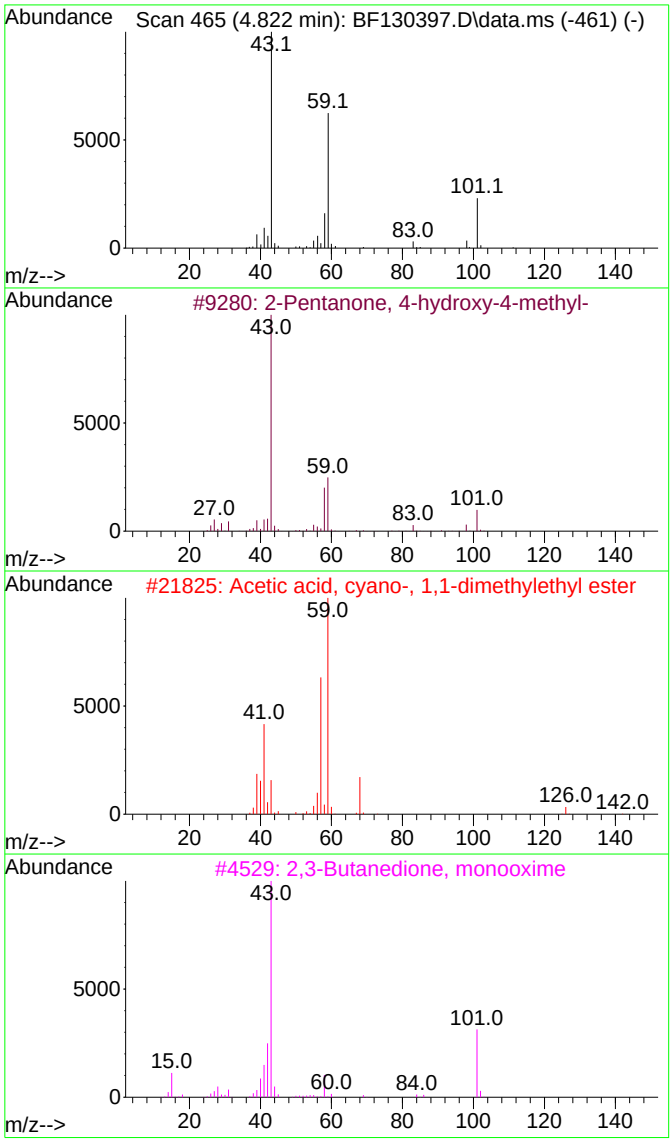
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

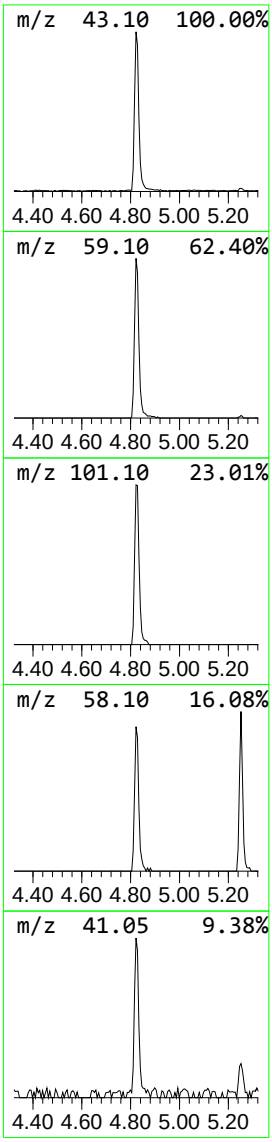
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	7.59 ng	159657	1,4-Dichlorobenzene-d4	6.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane	58	C4H10	000106-97-8	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

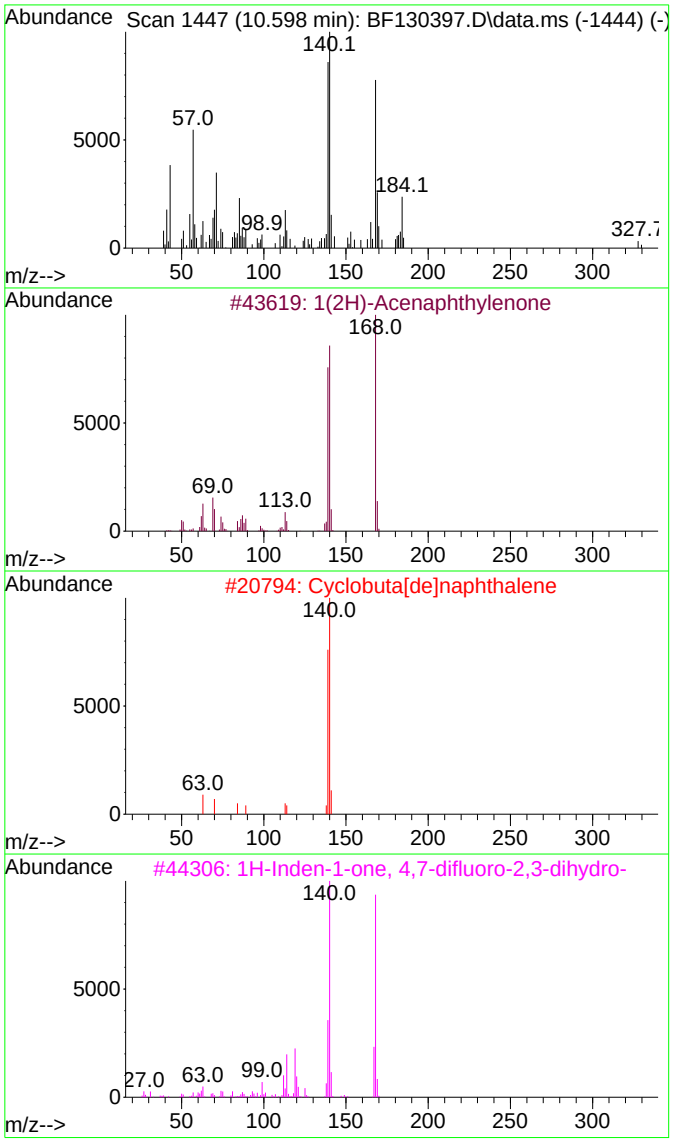
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

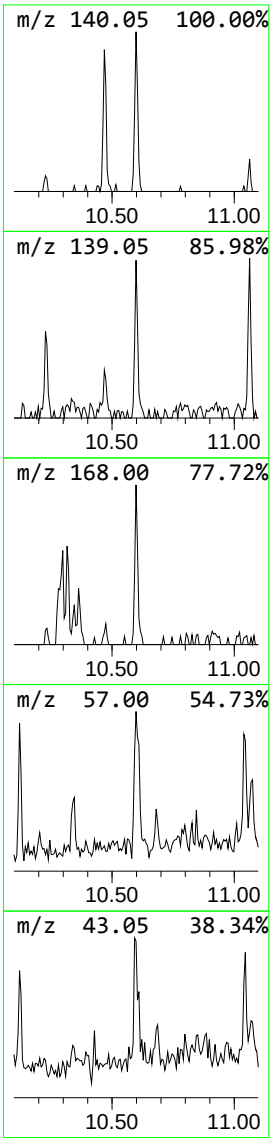
****

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	2.21 ng	50566	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	45
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	43
4	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	43
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	43





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Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

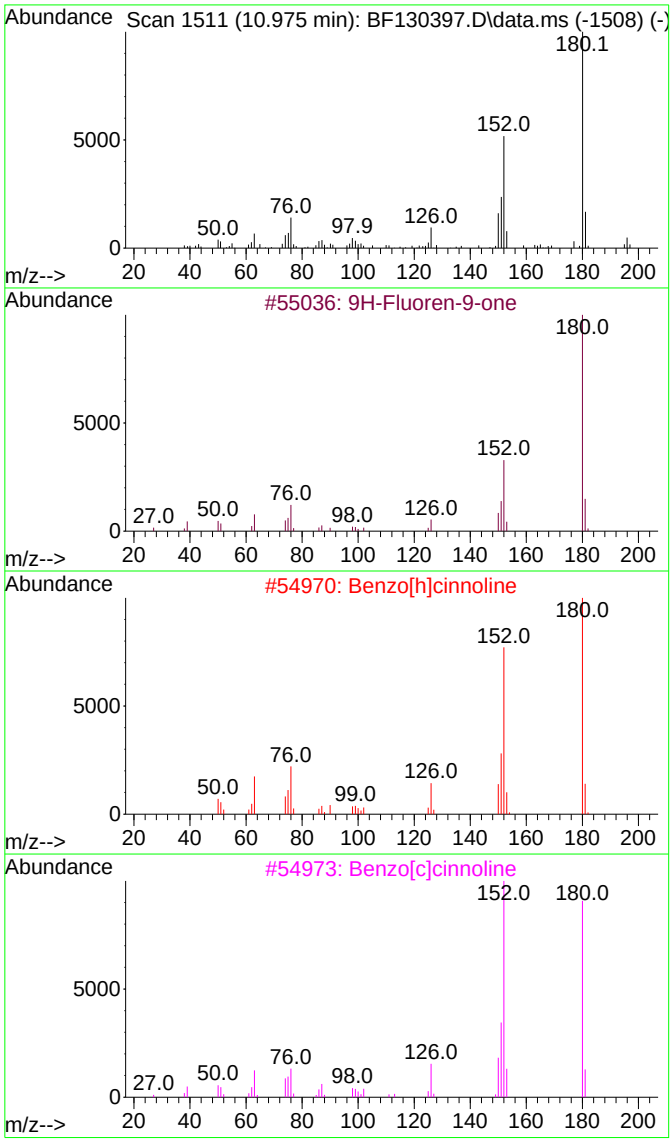
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

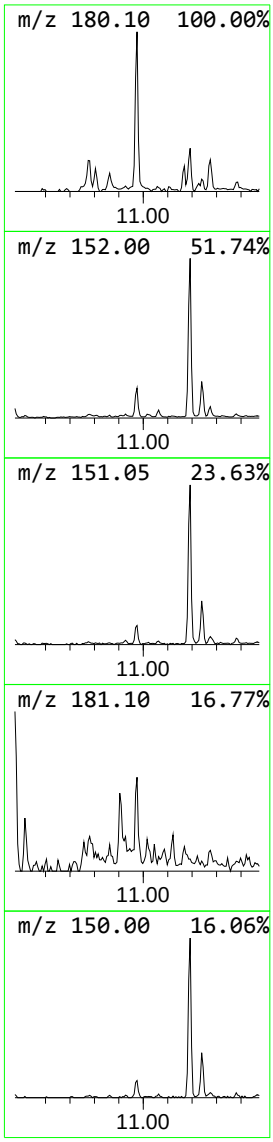
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	2.36 ng	53856	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	53





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Operator : CG\JU
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

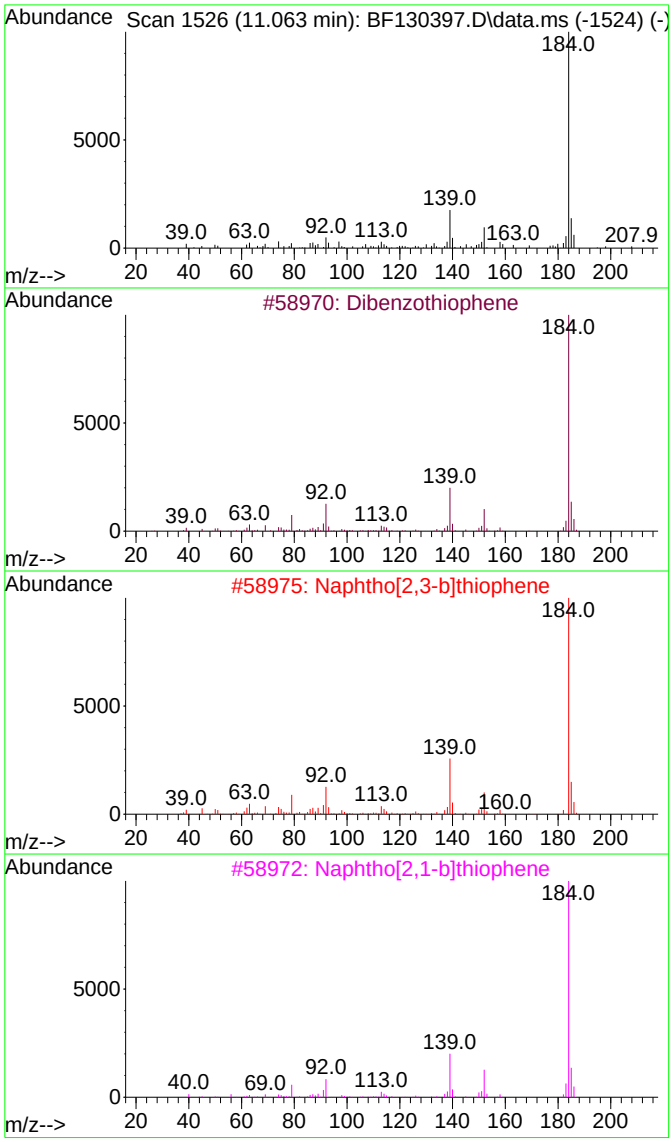
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

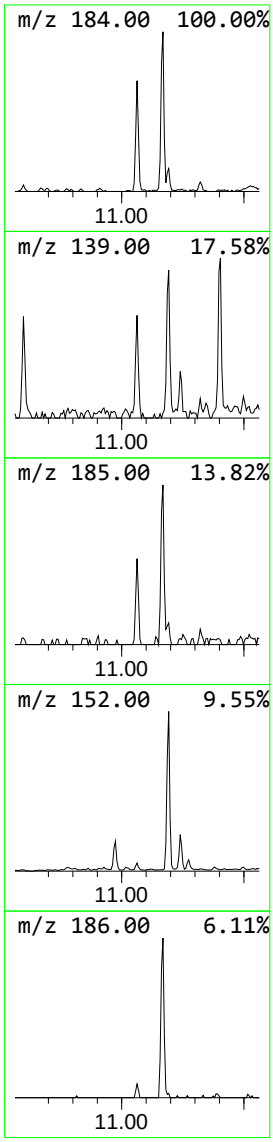
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	2.48 ng	56666	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

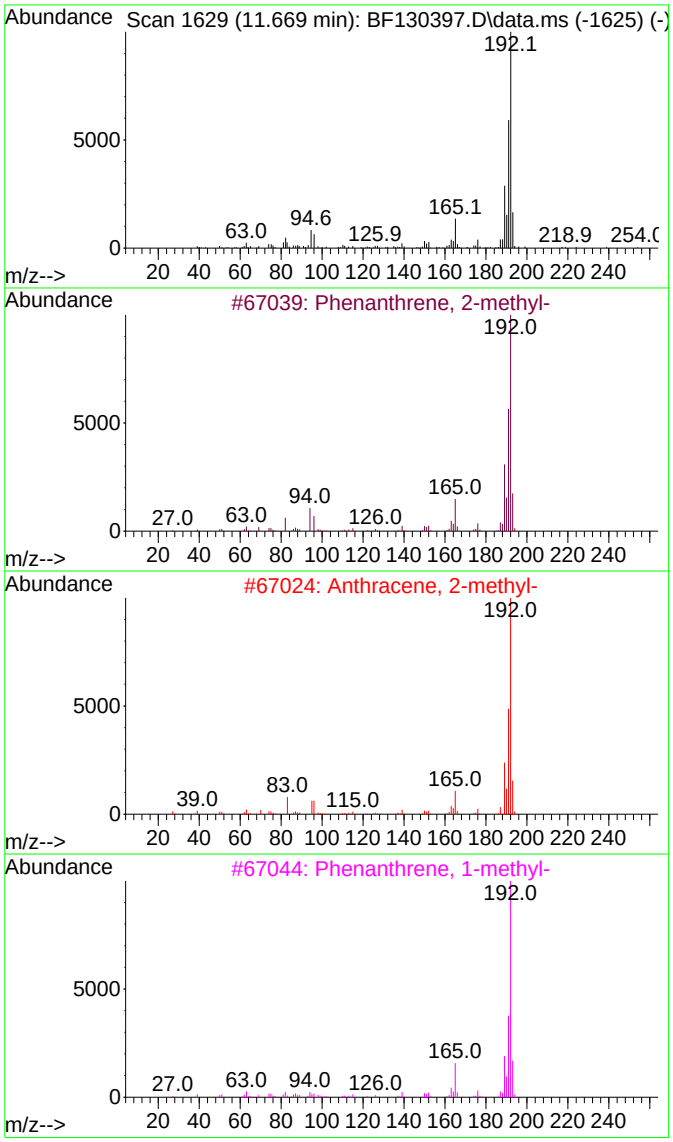
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

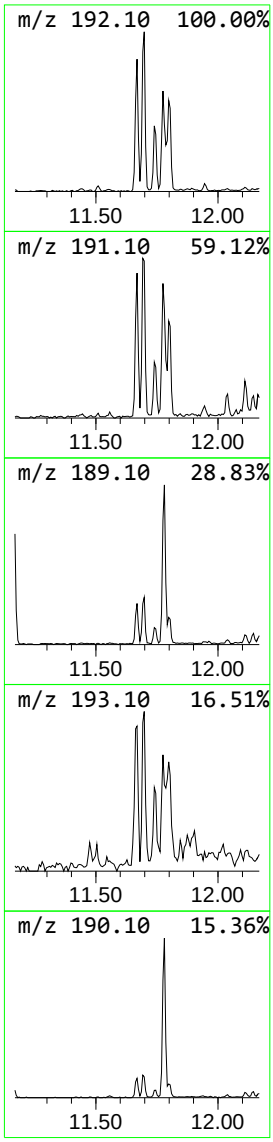
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	5.24 ng	119650	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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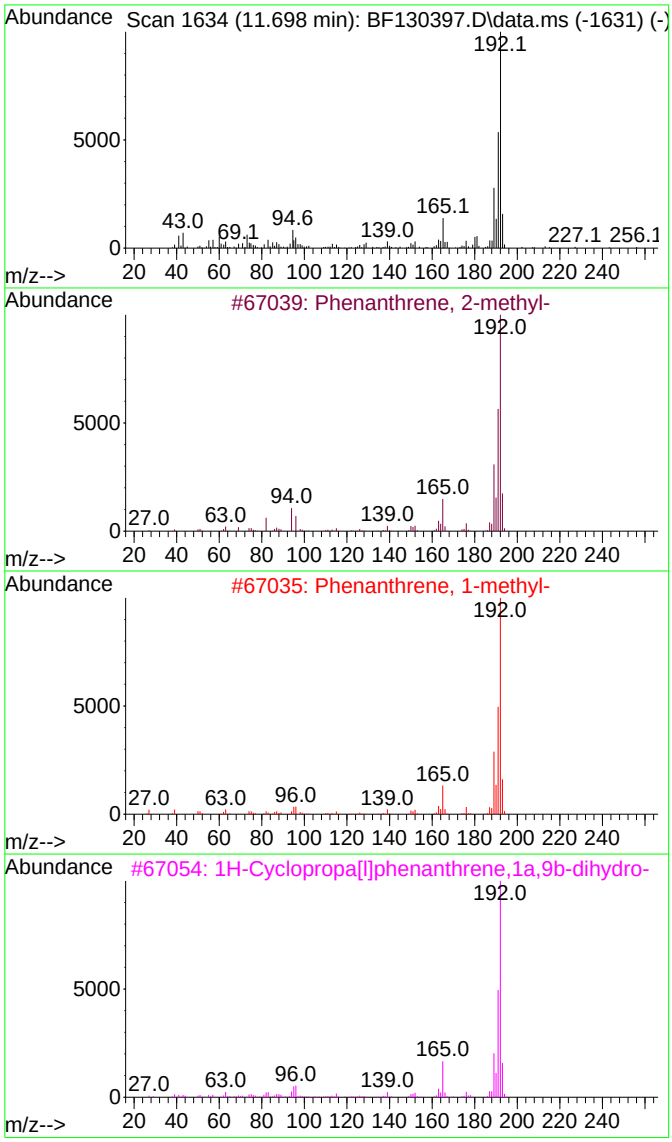
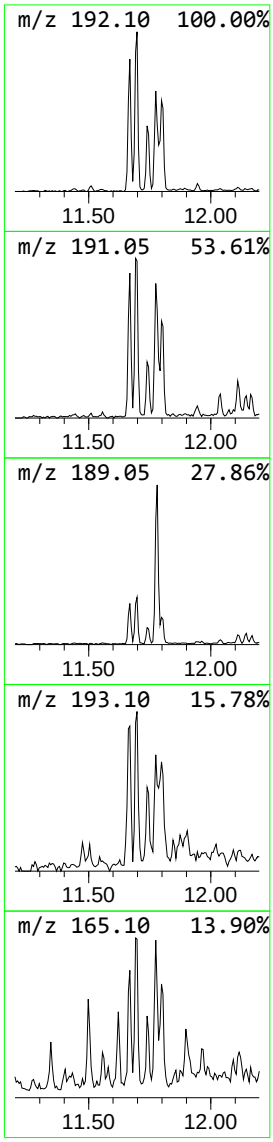
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	12.37 ng	282755	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : CG\JU
Sample : N4782-01
Misc :
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ClientSampleId :
SASP2-T-1-(0-6)

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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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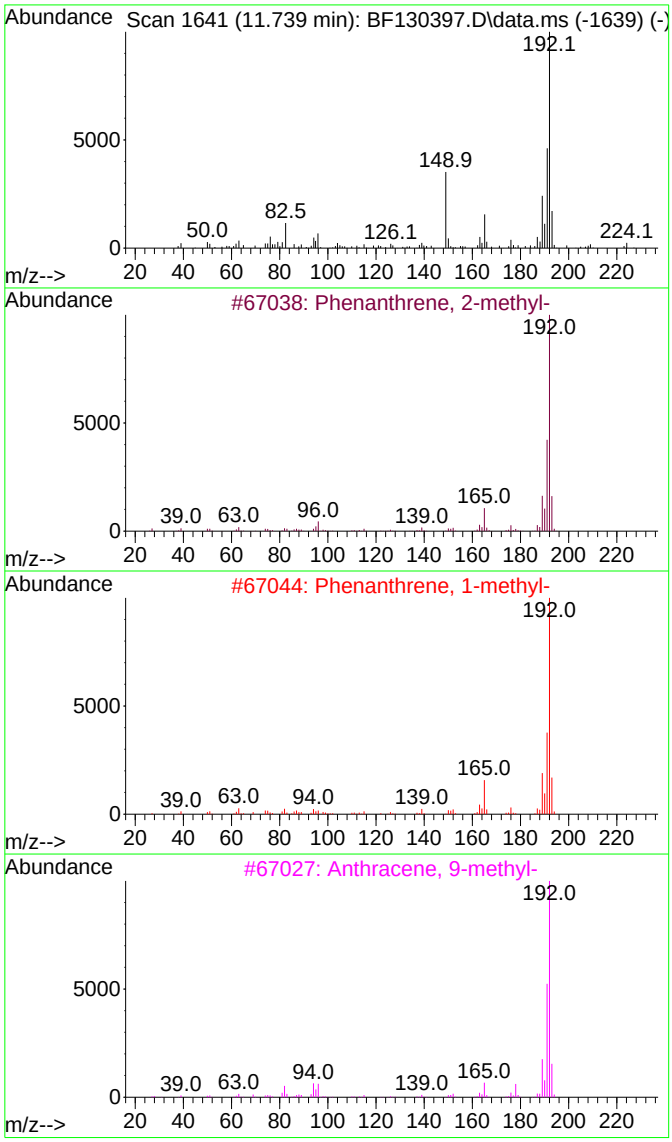
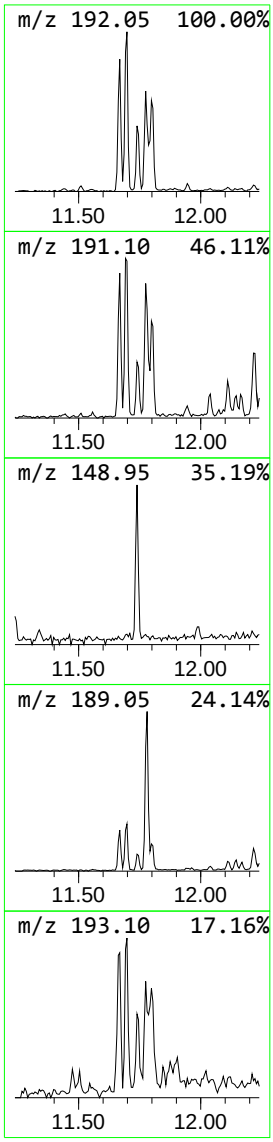
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	3.02 ng	68998	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Sample : N4782-01
Misc :
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Instrument :
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ClientSampleId :
SASP2-T-1-(0-6)

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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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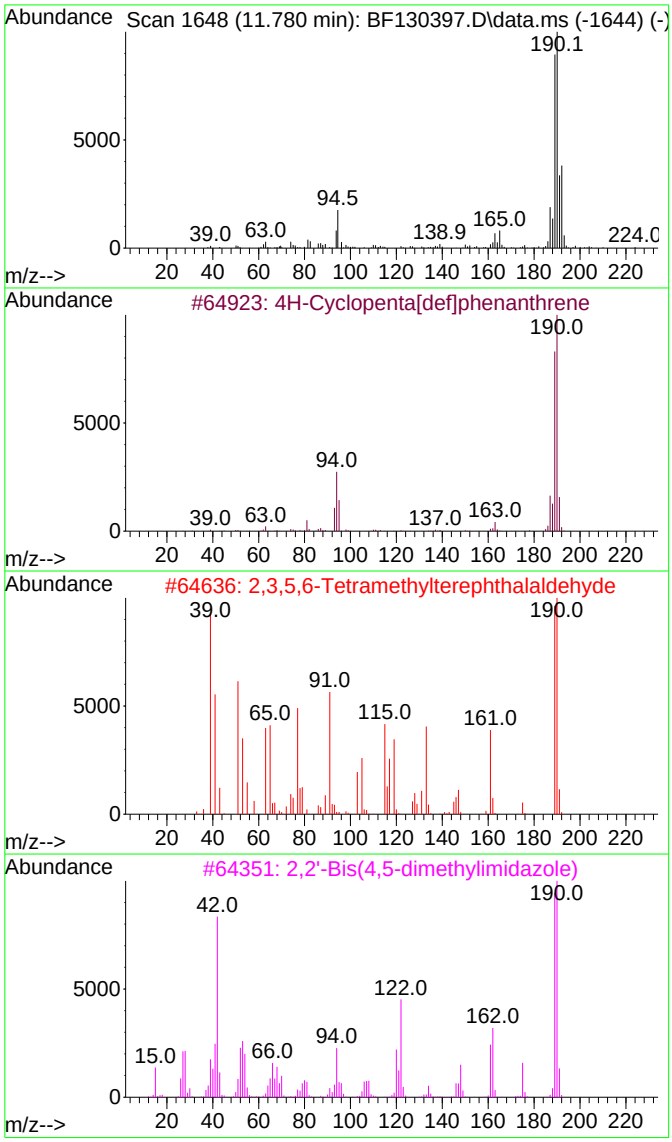
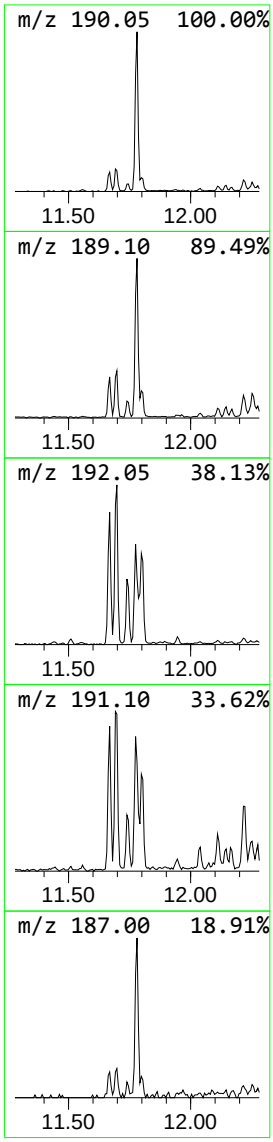
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	10.37 ng	237008	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	28





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ClientSampleId :
SASP2-T-1-(0-6)

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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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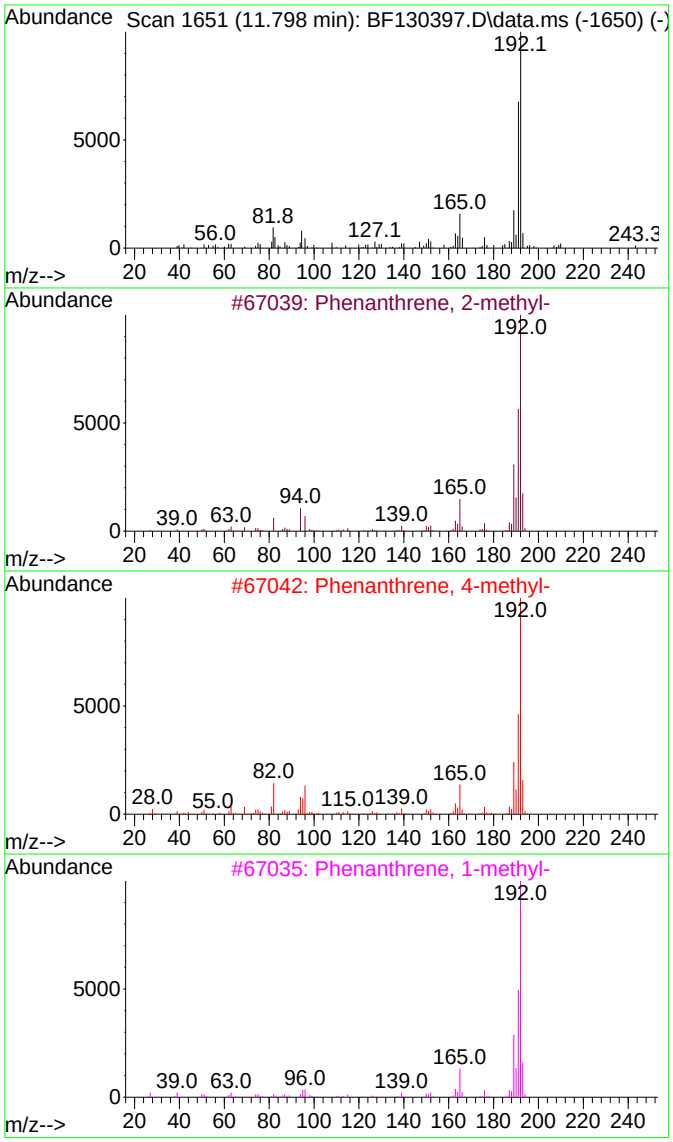
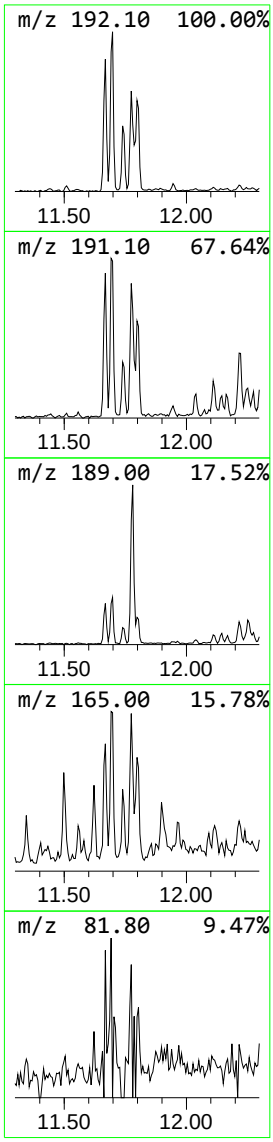
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	3.37 ng	76936	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





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Sample : N4782-01
Misc :
ALS Vial : 13 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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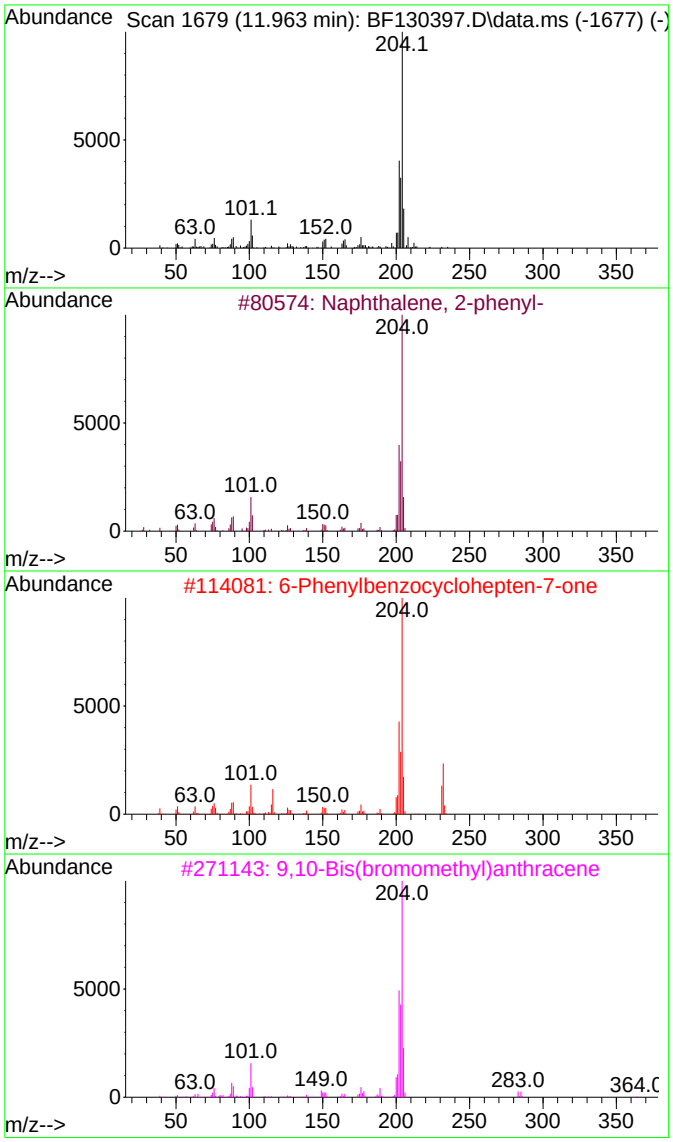
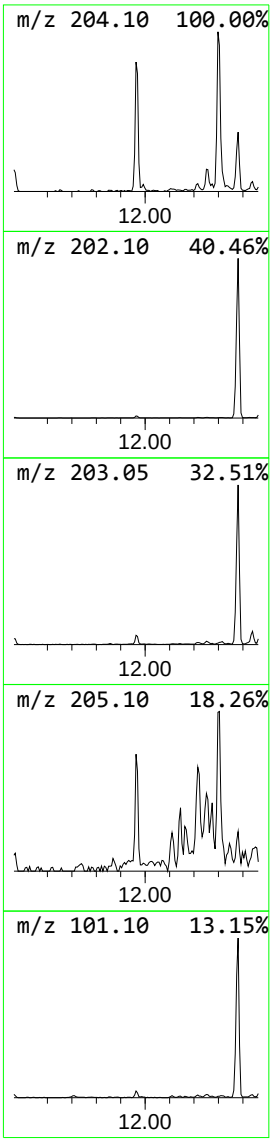
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.36 ng	76777	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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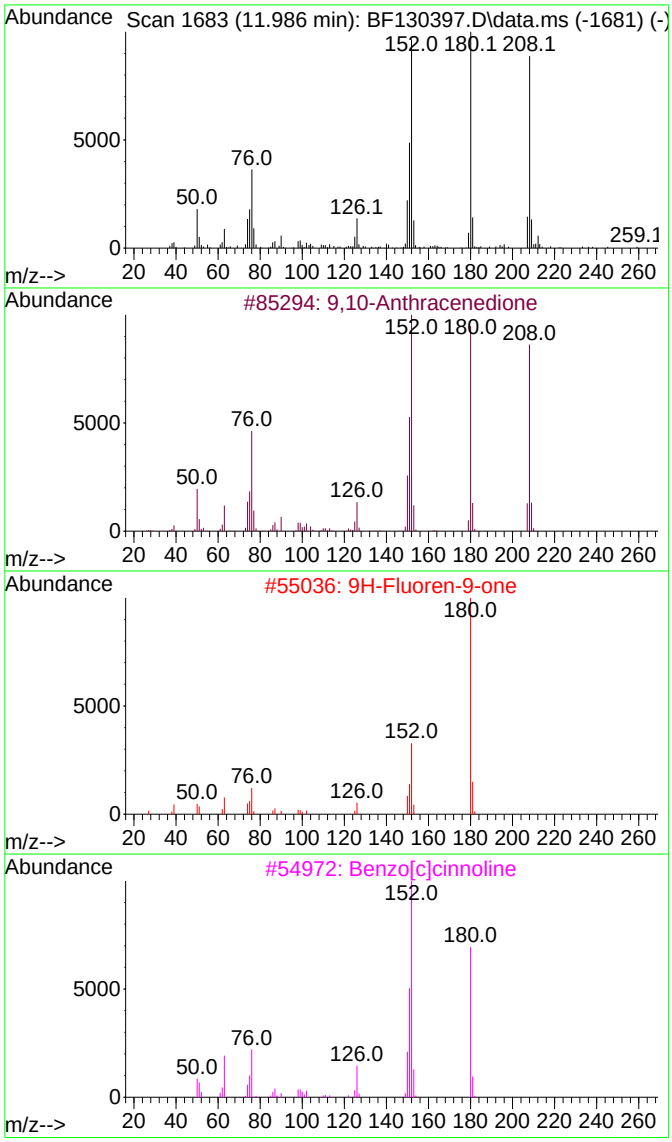
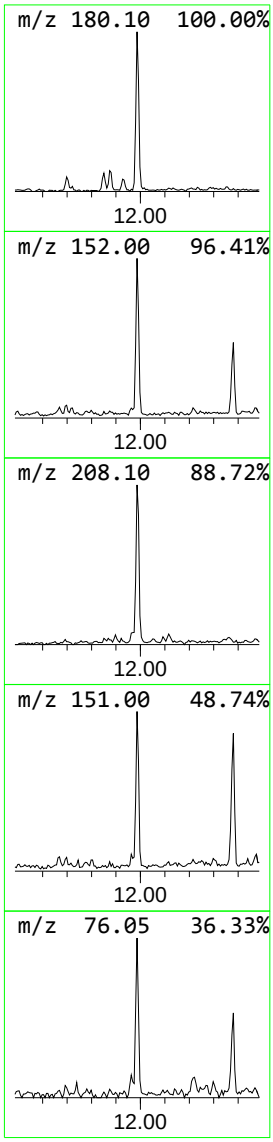
Peak Number 12 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	6.32 ng	144415	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





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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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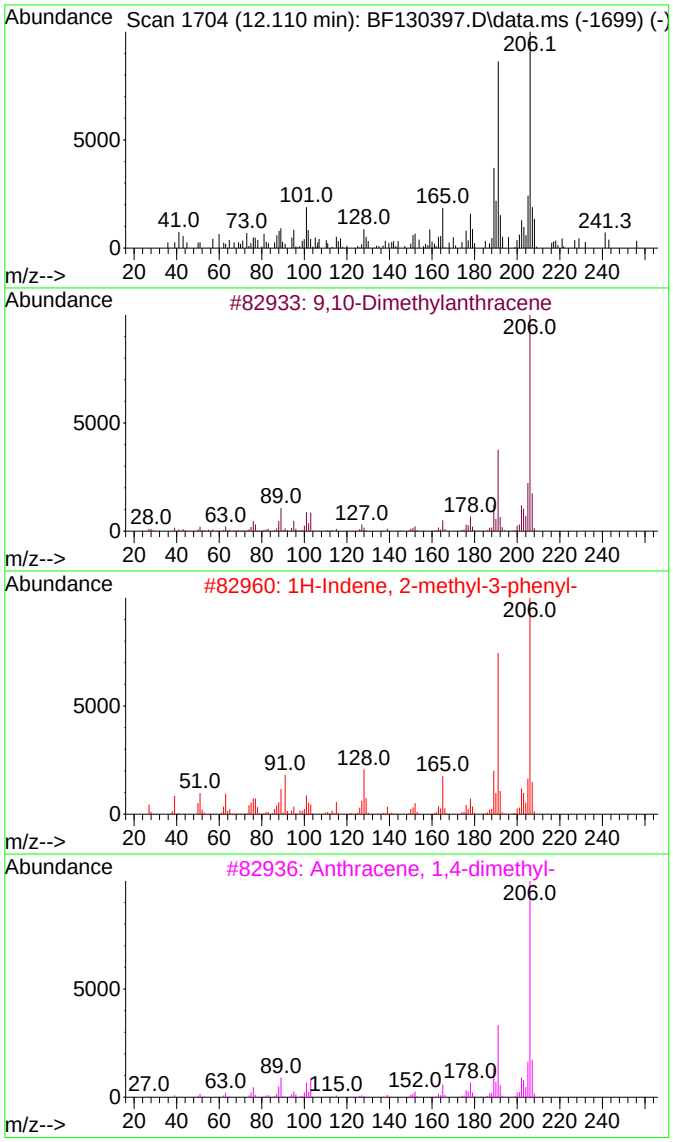
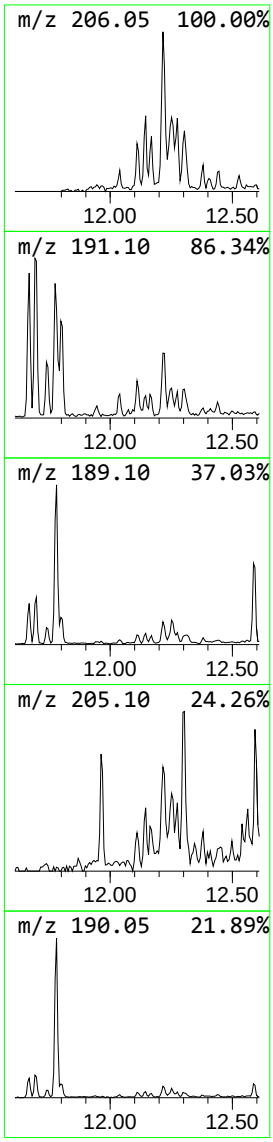
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.75 ng	62799	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 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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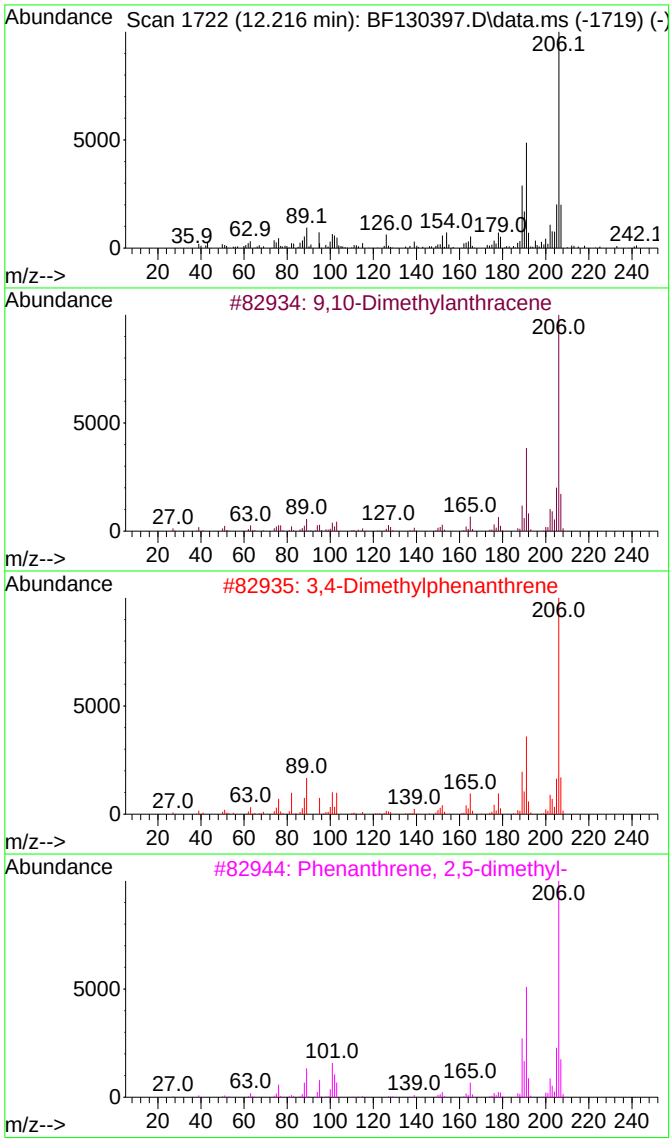
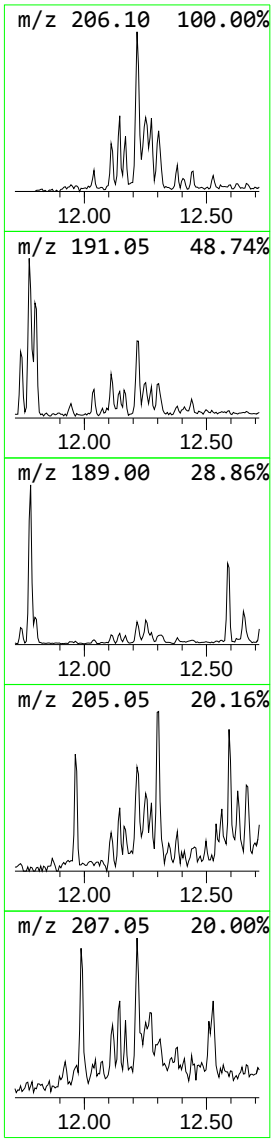
Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	5.27 ng	120484	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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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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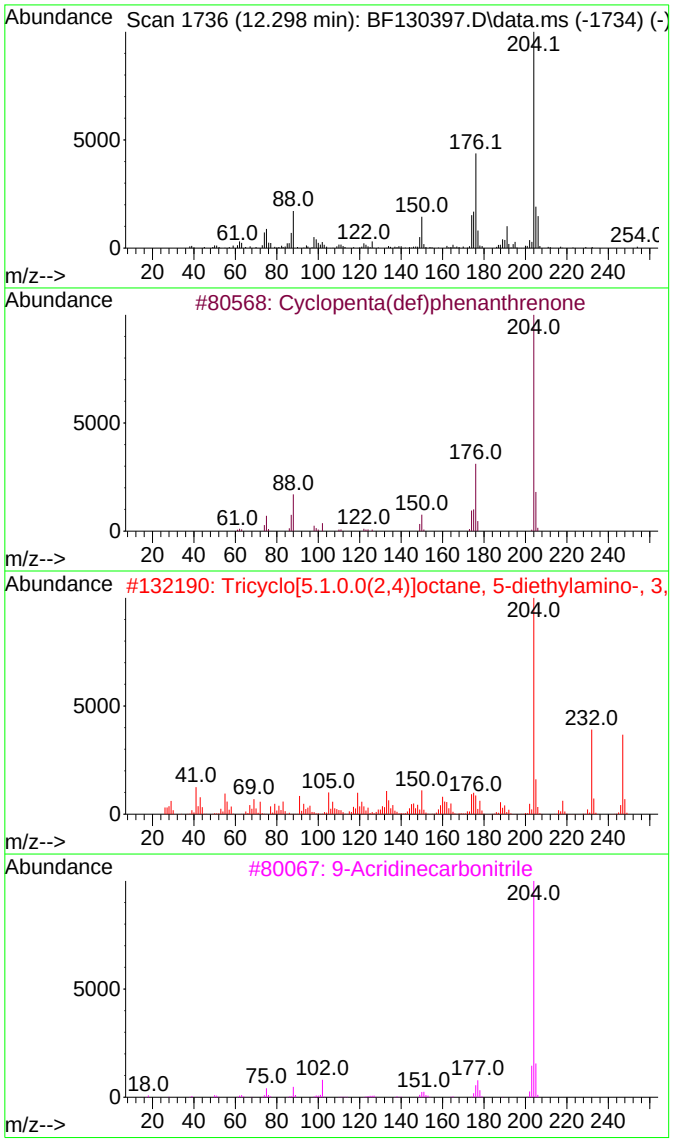
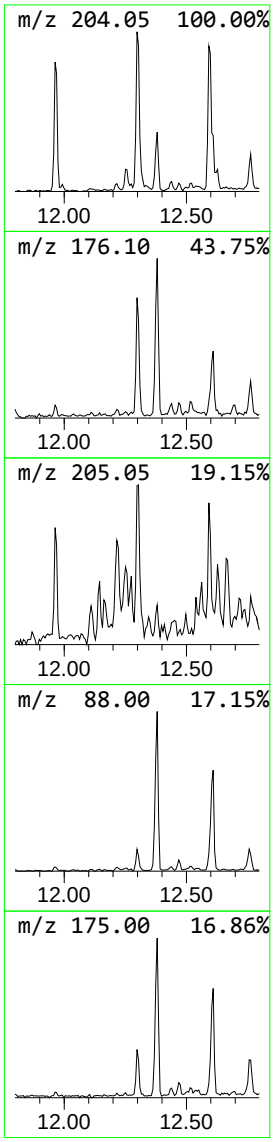
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	6.01 ng	137423	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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ALS Vial : 13 Sample Multiplier: 1

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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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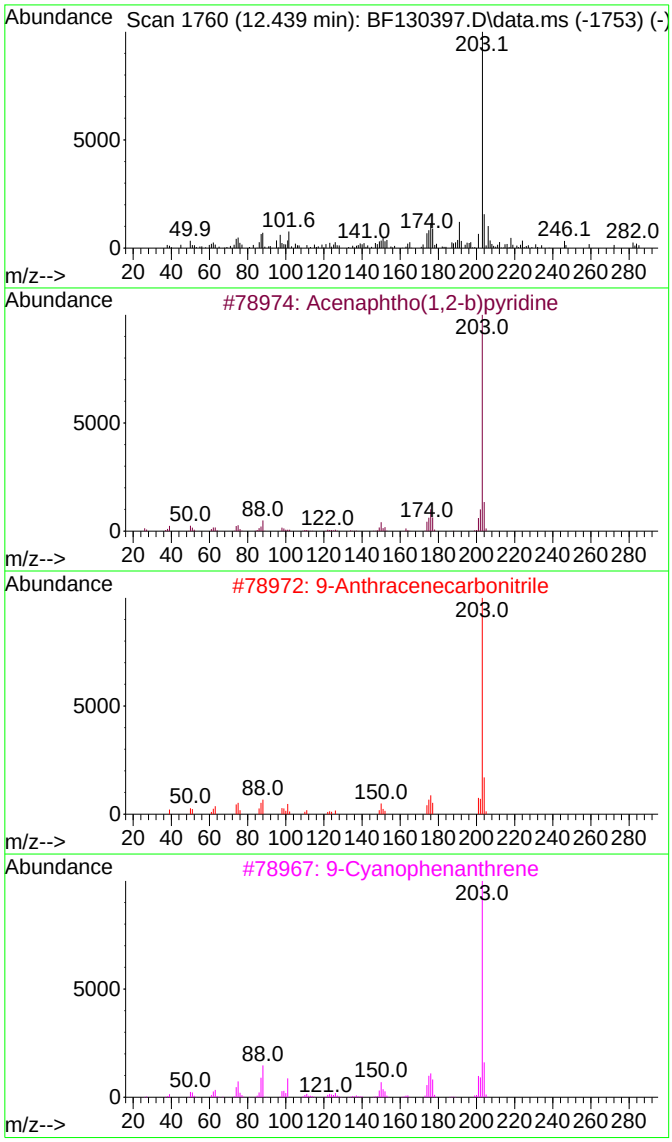
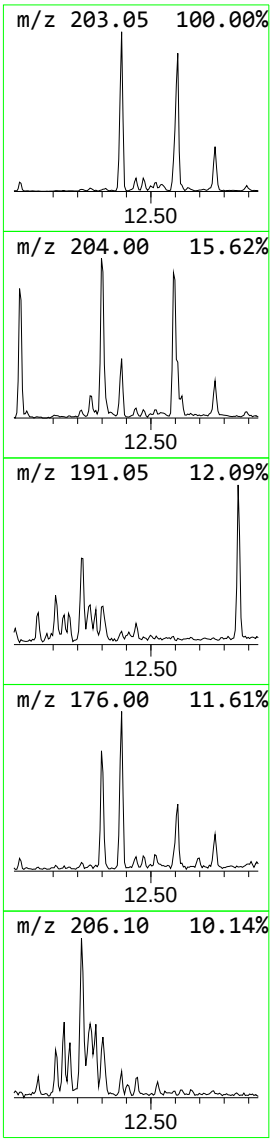
Peak Number 16 Acenaphtho(1,2-b)pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	3.74 ng	85372	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	93
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	90
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	81
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	76
5	4-Azapyrene	203	C15H9N	000194-03-6	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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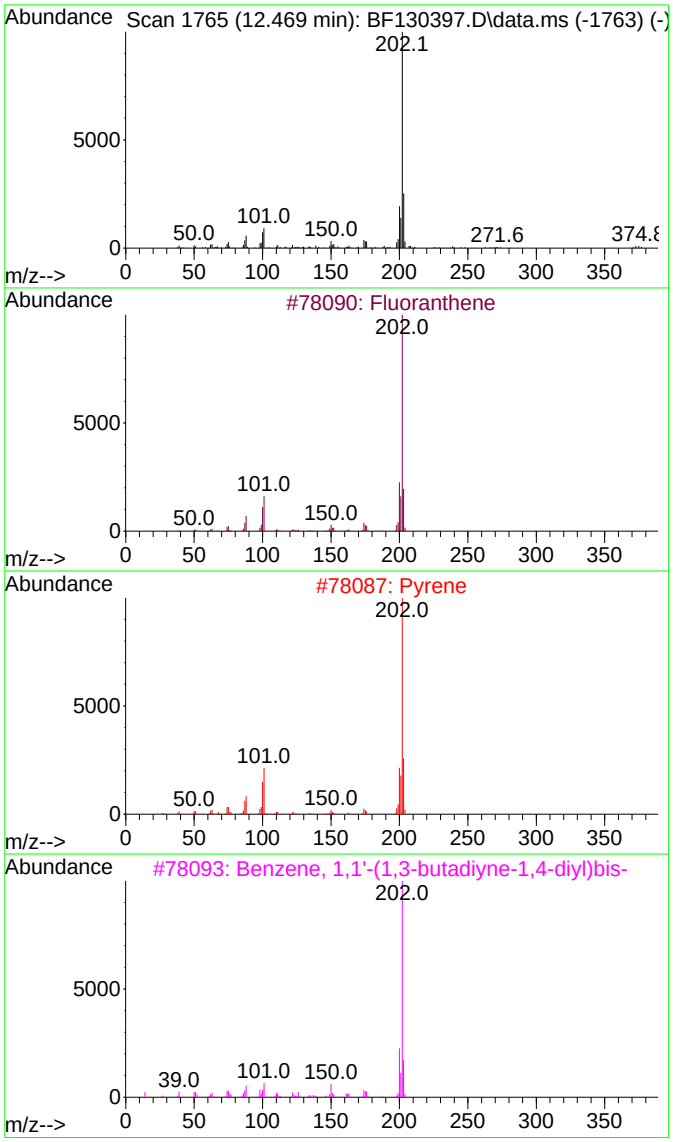
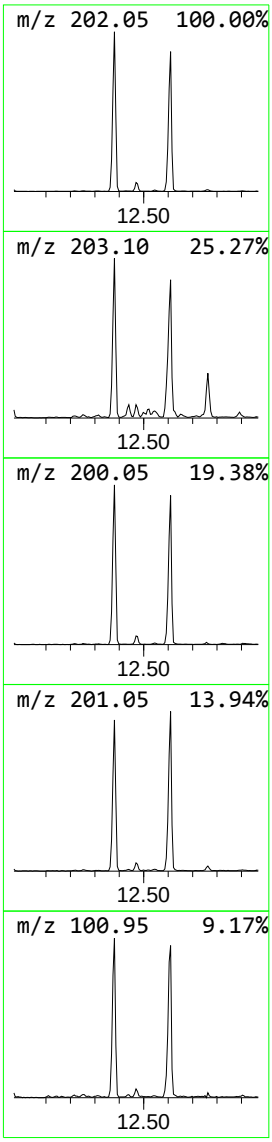
Peak Number 17 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.38 ng	100088	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	Methyl 3-indolepropionate, TMS d...	275	C15H21NO2Si	056196-72-6	50
5	Pyridazine-3,6(1H,2H)-dione, 1-(...	202	C11H10N2O2	034019-60-8	42





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ALS Vial : 13 Sample Multiplier: 1

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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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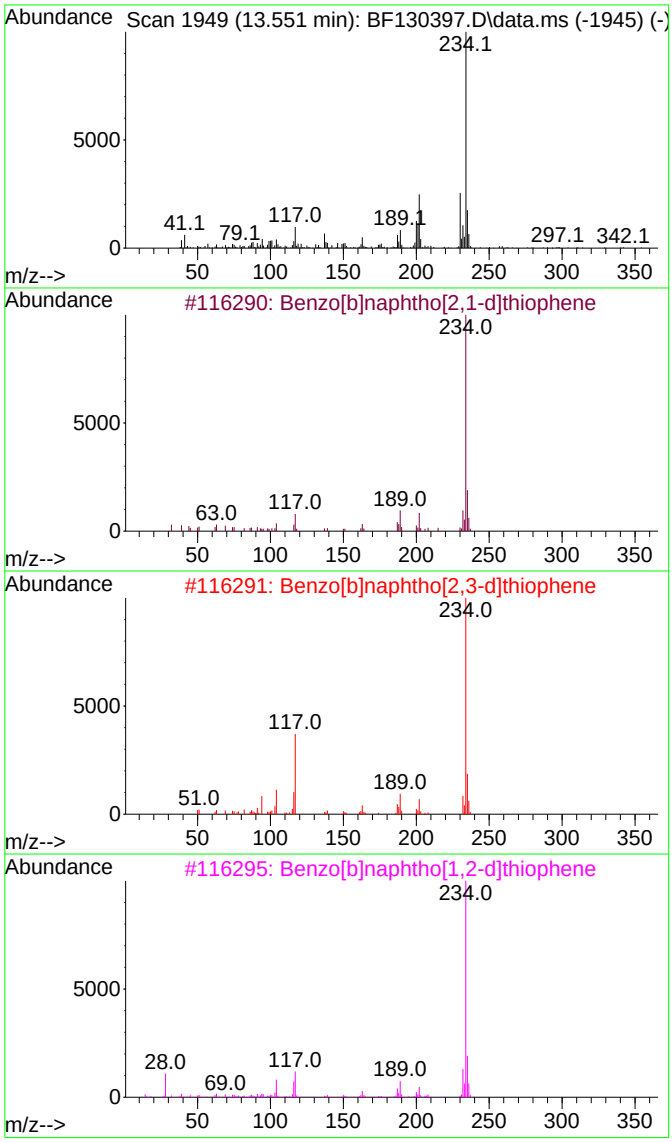
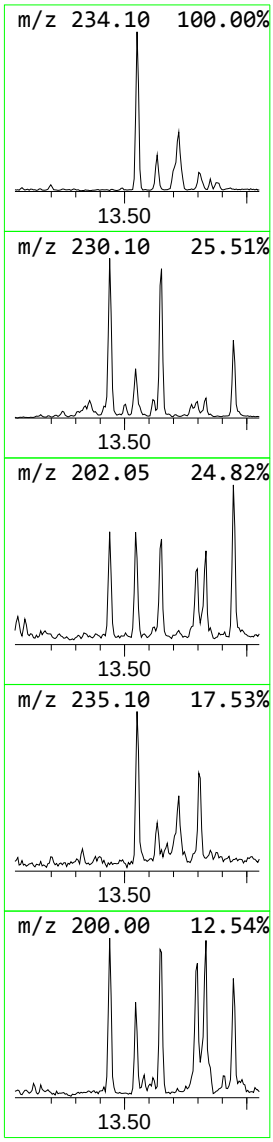
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	2.17 ng	278326	Chrysene-d12	13.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4	Benzo[1,2-b:4,3-b']dithiophene-4...	234	C11H6O2S2	041552-35-6	49
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47





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Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

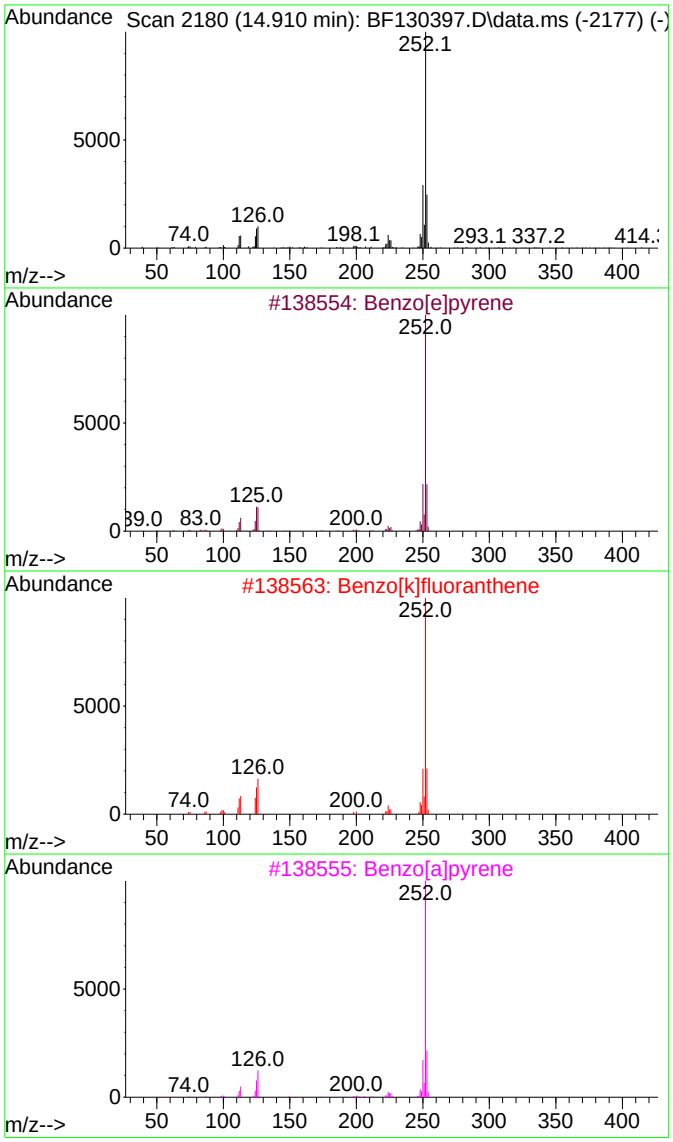
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

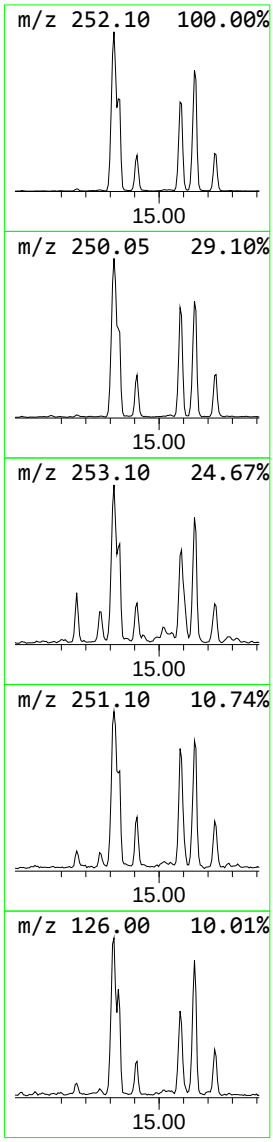
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	10.10 ng	247571	Perylene-d12	15.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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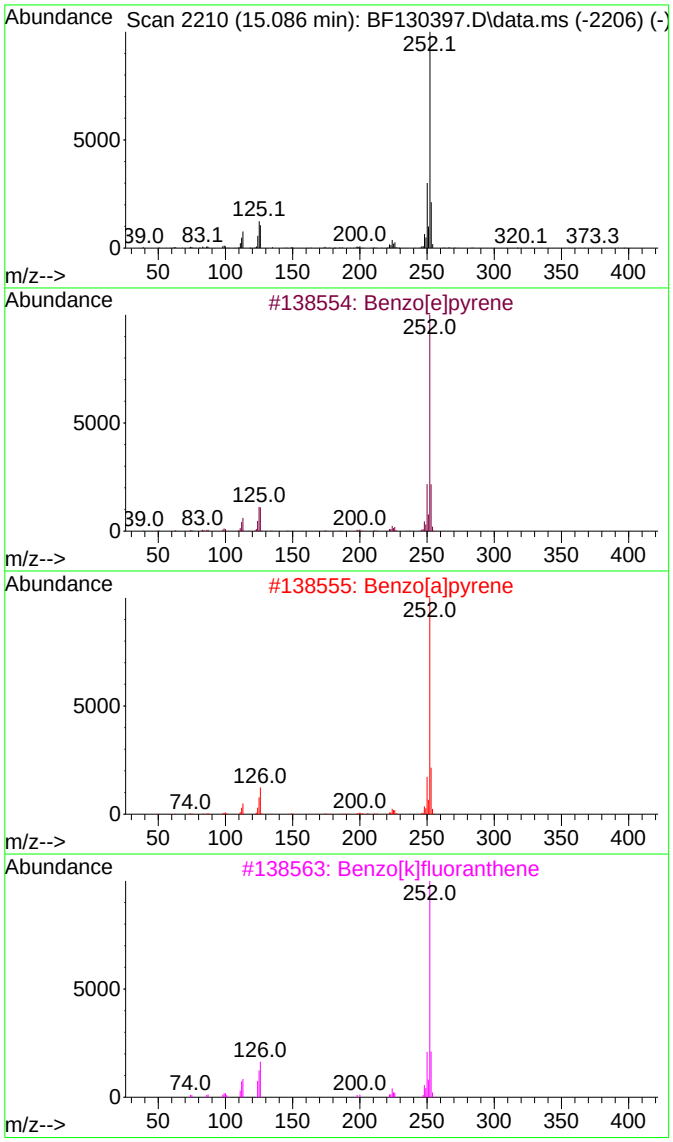
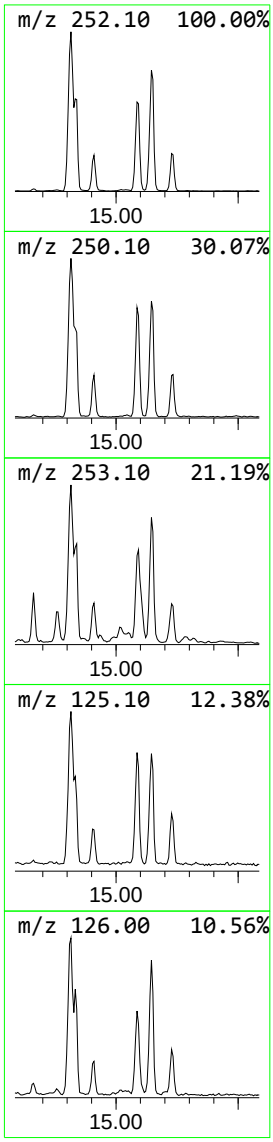
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	34.59 ng	847395	Perylene-d12	15.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
Data File : BF130397.D
Acq On : 23 Sep 2022 18:42
Operator : CG\JU
Sample : N4782-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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-...	4.822	7.6	ng	159657	1	6.651	420753	20.0
1(2H)-Acenaphth...	10.598	2.2	ng	50566	4	11.169	457064	20.0
9H-Fluoren-9-one	10.975	2.4	ng	53856	4	11.169	457064	20.0
Dibenzothiophene	11.063	2.5	ng	56666	4	11.169	457064	20.0
Phenanthrene, 2...	11.669	5.2	ng	119650	4	11.169	457064	20.0
Phenanthrene, 1...	11.698	12.4	ng	282755	4	11.169	457064	20.0
Anthracene, 9-m...	11.739	3.0	ng	68998	4	11.169	457064	20.0
4H-Cyclopenta[d...	11.780	10.4	ng	237008	4	11.169	457064	20.0
Phenanthrene, 4...	11.798	3.4	ng	76936	4	11.169	457064	20.0
Naphthalene, 2-...	11.963	3.4	ng	76777	4	11.169	457064	20.0
9,10-Anthracene...	11.986	6.3	ng	144415	4	11.169	457064	20.0
9,10-Dimethylan...	12.110	2.8	ng	62799	4	11.169	457064	20.0
3,4-Dimethylphe...	12.216	5.3	ng	120484	4	11.169	457064	20.0
Cyclopenta(def)...	12.298	6.0	ng	137423	4	11.169	457064	20.0
Acenaphtho(1,2-...	12.439	3.7	ng	85372	4	11.169	457064	20.0
Benzene, 1,1'-(...	12.469	4.4	ng	100088	4	11.169	457064	20.0
Benzo[b]naphtho...	13.551	2.2	ng	278326	5	13.804	2570090	20.0
Benzo[e]pyrene	14.910	10.1	ng	247571	6	15.204	490035	20.0
Perylene	15.086	34.6	ng	847395	6	15.204	490035	20.0