LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-COMP

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: BF130888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	23	30	39	rVB	486273	622942	12.57%	1.056%
2	5.169	519	524	533	rVB	360184	393827	7.95%	0.668%
3	5.557	585	590	593	rBV	1811107	1678505	33.88%	2.847%
4	6.557	755	760	763	rBV	1770341	1896342	38.28%	3.216%
5	6.939	821	825	829	rBV	664086	523748	10.57%	0.888%
6	7.504	916	921	924	rBV	1312520	1171969	23.66%	1.988%
7	8.227	1040	1044	1046	rVV	732532	675590	13.64%	1.146%
8	8.245	1046	1047	1050	rVB	279322	189048	3.82%	0.321%
9	8.939	1161	1165	1168	rVB	203593	153839	3.11%	0.261%
10	9.039	1177	1182	1185	rBV	140181	113281	2.29%	0.192%
11	9.304	1222	1227	1230	rBV	2476512	1979868	39.96%	3.358%
12	9.569	1266	1272	1276	rBV	74445	109571	2.21%	0.186%
13	9.639	1280	1284	1287	rBV	123430	128101	2.59%	0.217%
14	9.986	1340	1343	1346	rVV	791887	631704	12.75%	1.071%
15	10.021	1346	1349	1352	rVB	974484	761176	15.36%	1.291%
16	10.145	1365	1370	1372	rVV	93578	101890	2.06%	0.173%
17	10.192	1374	1378	1381	rVV	497530	430370	8.69%	0.730%
18	10.539	1432	1437	1440	rBV	704151	645009	13.02%	1.094%
19	10.621	1449	1451	1454	rVV2	159387	159700	3.22%	0.271%
20	10.668	1457	1459	1461	rVV2	87243	92628	1.87%	0.157%
21	10.692	1461	1463	1468	rVB	188501	158435	3.20%	0.269%
22	10.774	1468	1477	1481	rBV	1017198	1000297	20.19%	1.696%
23	10.886	1493	1496	1497	rBV2	116646	96106	1.94%	0.163%
24	11.086	1523	1530	1532	rBV3	157694	230906	4.66%	0.392%
25	11.115	1532	1535	1537	rVV2	88473	93072	1.88%	0.158%
26	11.210	1547	1551	1553	rVV3	90071	127746	2.58%	0.217%
27	11.233	1553	1555	1557	rVV2	112042	110721	2.23%	0.188%
28	11.286	1560	1564	1567	rVV	147142	151425	3.06%	0.257%
29	11.333	1567	1572	1576	rVV3	147542	243643	4.92%	0.413%
30	11.374	1576	1579	1584	rVB	376727	371184	7.49%	0.629%
31	11.486	1594	1598	1599	rBV	514327	551227	11.13%	0.935%
32	11.515	1599	1603	1606	rVV	4139848	4158520	83.94%	7.052%
33	11.562	1606	1611	1613	rVV	1528523	1310356	26.45%	2.222%
34	11.592	1613	1616	1618	rVB	155816	146228	2.95%	0.248%
35	11.710	1630	1636	1643	rBV2	644574	707701	14.28%	1.200%
36	11.774	1643	1647	1651	rVV3	99507	145314	2.93%	0.246%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
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Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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	11.810	1651	1653	1658	rVV3	97720	118446	2.39%	0.201%
38	11.986	1677	1683	1685	rBV	447444	468582	9.46%	0.795%
39	12.010	1685	1687	1691	rVB	604369	571322	11.53%	0.969%
40	12.062	1691	1696	1698	rBV	333206	317902	6.42%	0.539%
41	12.098	1698	1702	1704	rVV	851655	868561	17.53%	1.473%
42	12.121	1704	1706	1709	rVB	305410	249296	5.03%	0.423%
43	12.280	1730	1733	1735	rBV	376532	281083	5.67%	0.477%
44	12.304	1735	1737	1740	rVB	202556	166429	3.36%	0.282%
45	12.427	1753	1758	1761	rBV3	127531	136291	2.75%	0.231%
46	12.533	1772	1776	1779	rBV	222295	260902	5.27%	0.442%
47	12.574	1779	1783	1785	rVV2	138173	171802	3.47%	0.291%
48	12.627	1788	1792	1797	rVB2	200822	252697	5.10%	0.429%
49	12.715	1801	1807	1809	rBV	3935550	4676495	94.39%	7.931%
50	12.762	1813	1815	1819	rVB	134338	99592	2.01%	0.169%
51	12.851	1823	1830	1833	rBV2	238974	366629	7.40%	0.622%
52	12.945	1838	1846	1849	rBV2	3672675	4954240	100.00%	8.402%
53	12.980	1849	1852	1856	rVB2	246553	271956	5.49%	0.461%
54	13.051	1860	1864	1865	rBV	292522	285931	5.77%	0.485%
55	13.074	1865	1868	1874	rVB2	1749864	1832223	36.98%	3.107%
56	13.145	1875	1880	1884	rBV2	270872	488876	9.87%	0.829%
57	13.233	1891	1895	1897	rBV5	204798	286200	5.78%	0.485%
58	13.262	1897	1900	1902	rVB	652343	629875	12.71%	1.068%
59	13.292	1902	1905	1908	rBV2	126137	142855	2.88%	0.242%
60	13.327	1908	1911	1913	rBV	532856	430348	8.69%	0.730%
61	13.362	1913	1917	1920	rVV2	406389	455551	9.20%	0.773%
62	13.392	1920	1922	1924	rVB	123125	101049	2.04%	0.171%
63	13.421	1924	1927	1929	rVB	103895	93650	1.89%	0.159%
64	13.456	1930	1933	1935	rBV	207452	170396	3.44%	0.289%
65	13.486	1935	1938	1941	rBV2	218481	201959	4.08%	0.343%
66	13.639	1961	1964	1966	rBV3	127986	139784	2.82%	0.237%
67	13.739	1978	1981	1983	rBV3	86626	101310	2.04%	0.172%
68	13.768	1983	1986	1990	rVB	325531	347066	7.01%	0.589%
69	13.880	2000	2005	2008	rBV2	426898	535894	10.82%	0.909%
70	13.909	2008	2010	2012	rVV	446840	373194	7.53%	0.633%
71	13.933	2012	2014	2018	rVV2	336996	490047	9.89%	0.831%
72	13.974	2018	2021	2025	rVB3	377546	415699	8.39%	0.705%
73	14.051	2031	2034	2040	rVB	155568	220475	4.45%	0.374%
74	14.127	2040	2047	2051	rBV3	2079729	3185004	64.29%	5.401%
75	14.168	2051	2054	2059	rVV	1687915	1742274	35.17%	2.955%
76	14.239	2060	2066	2070	rVV2	444128	542849	10.96%	0.921%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
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Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-COMP

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

77	14.286	2071	2074	2077	rVV5	147560	210175	4.24%	0.356%
78	14.321	2077	2080	2082	rVV	214392	209921	4.24%	0.356%
79	14.356	2082	2086	2089	rVV2	242405	311250	6.28%	0.528%
80	14.456	2099	2103	2105	rVV3	96666	156569	3.16%	0.266%
81	14.480	2105	2107	2109	rVV2	142242	141444	2.86%	0.240%
82	14.515	2109	2113	2116	rVV	346371	458439	9.25%	0.777%
83	14.551	2116	2119	2122	rVV2	203069	230708	4.66%	0.391%
84	14.592	2123	2126	2128	rVV4	141809	199252	4.02%	0.338%
85	14.615	2128	2130	2132	rVV	186848	178886	3.61%	0.303%
86	14.645	2132	2135	2137	rVV2	221395	233150	4.71%	0.395%
87	14.668	2137	2139	2143	rVV3	208397	229839	4.64%	0.390%
88	14.721	2143	2148	2153	rVB4	121821	225281	4.55%	0.382%
89	14.833	2164	2167	2170	rBV3	129746	167236	3.38%	0.284%
90	15.209	2225	2231	2234	rBV	1027914	1804896	36.43%	3.061%
91	15.274	2238	2242	2246	rVV3	84199	133409	2.69%	0.226%
92	15.315	2246	2249	2252	rVB	229040	231091	4.66%	0.392%
93	15.527	2280	2285	2291	rVB	607588	865092	17.46%	1.467%
94	15.592	2291	2296	2301	rVB	868190	1136704	22.94%	1.928%
95	15.656	2302	2307	2309	rBV	256093	357520	7.22%	0.606%
96	15.686	2309	2312	2318	rVB	303260	411616	8.31%	0.698%
97	17.203	2564	2570	2578	rVB2	341600	710898	14.35%	1.206%
98	17.392	2599	2602	2607	rVB2	61452	94464	1.91%	0.160%
99	17.674	2644	2650	2667	rVB	267533	608722	12.29%	1.032%
100	17.921	2686	2692	2698	rVB	75332	152657	3.08%	0.259%

Sum of corrected areas: 58965942

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Data File : BF130888.D
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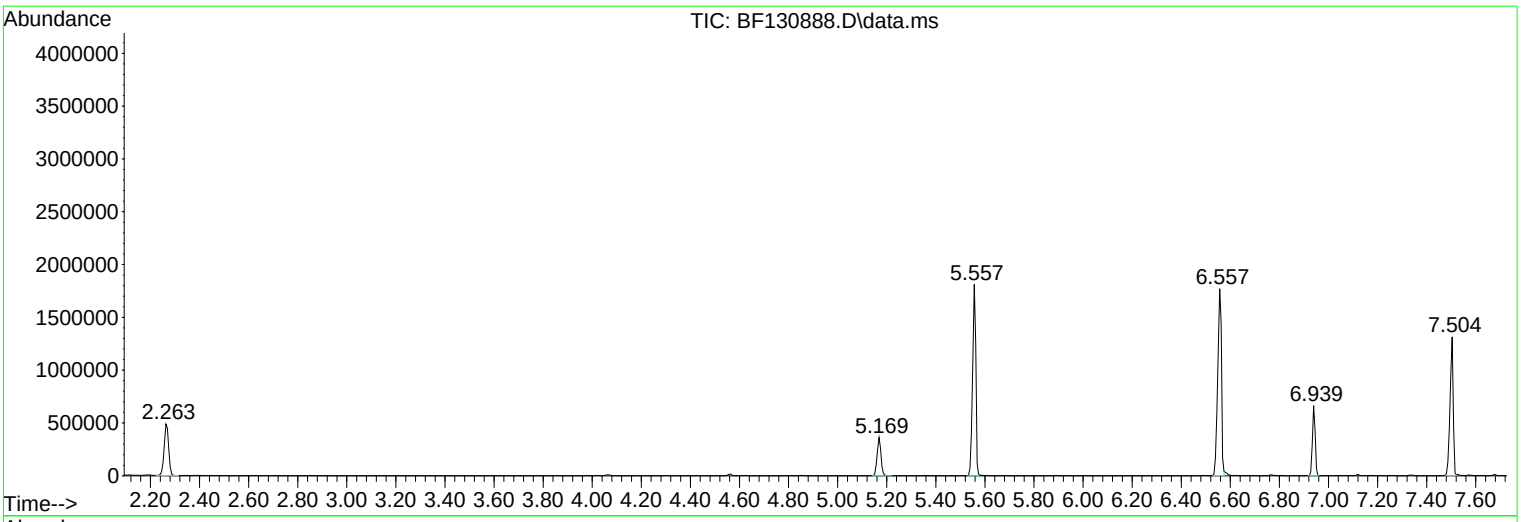
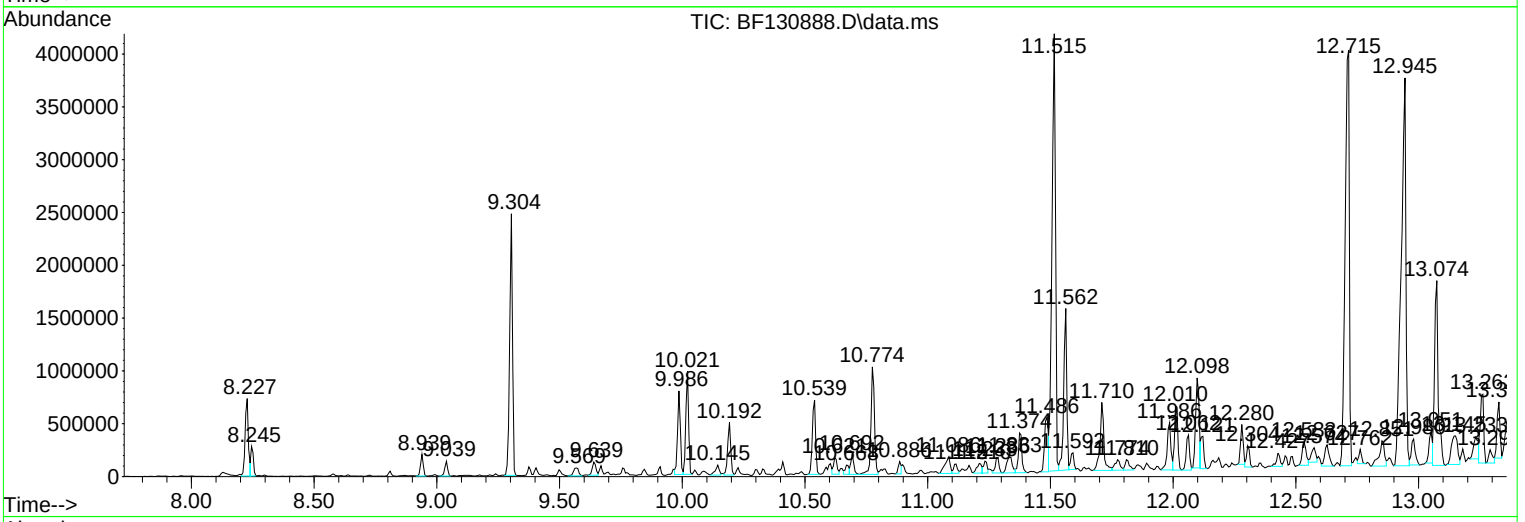
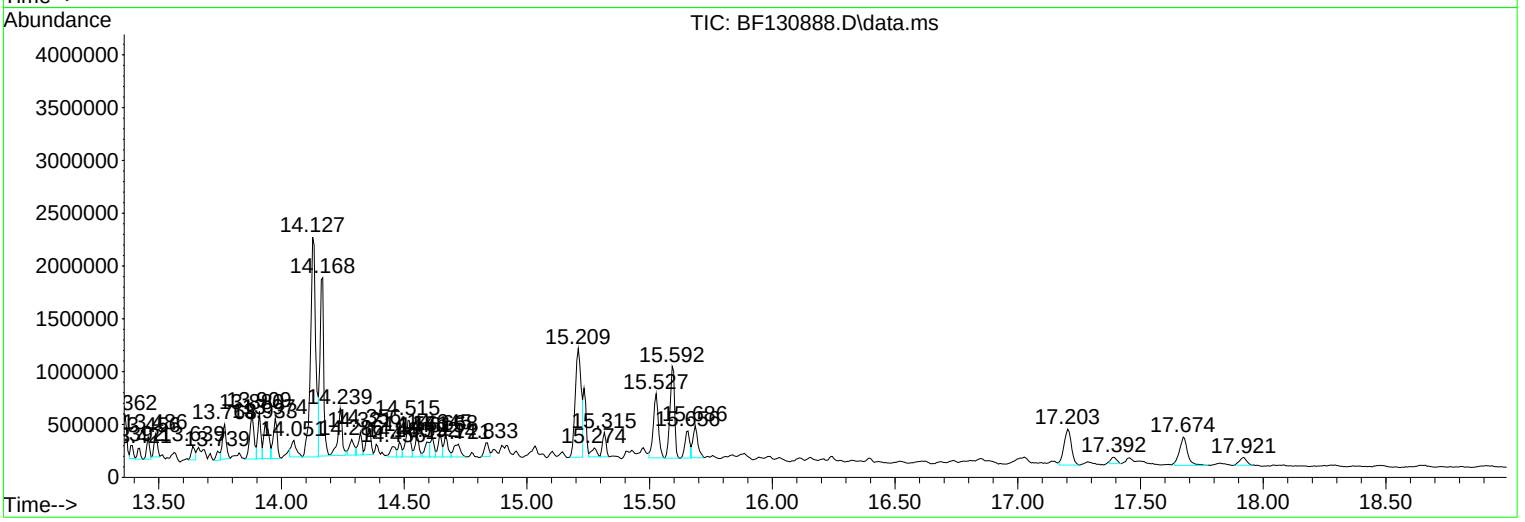
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
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Sample : N5337-06
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Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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

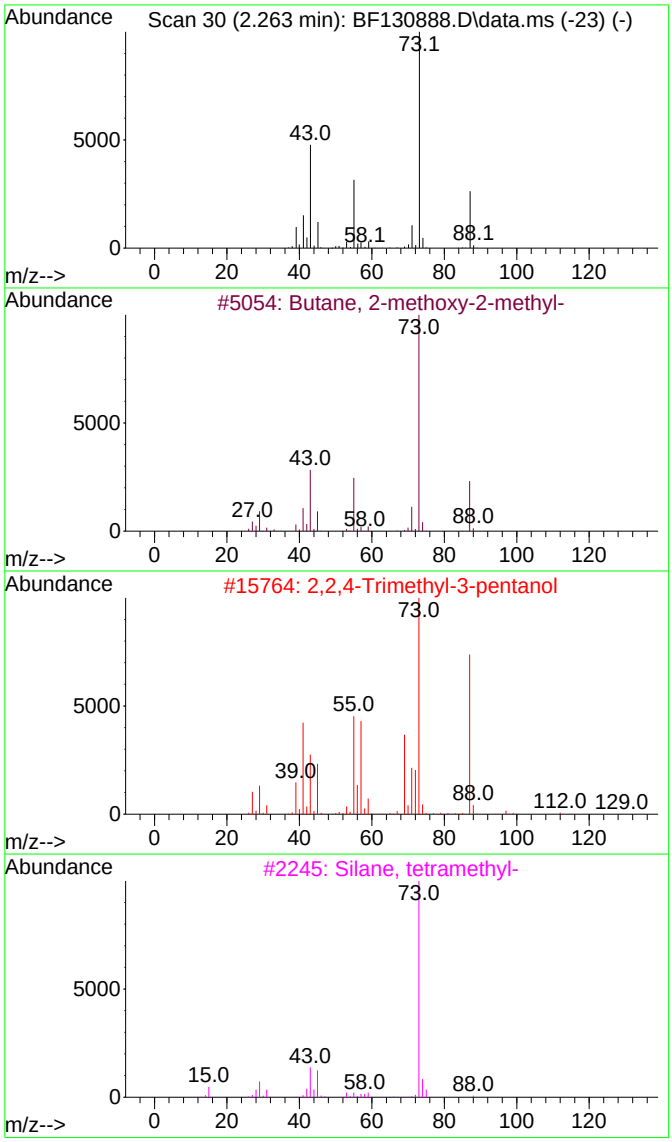
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

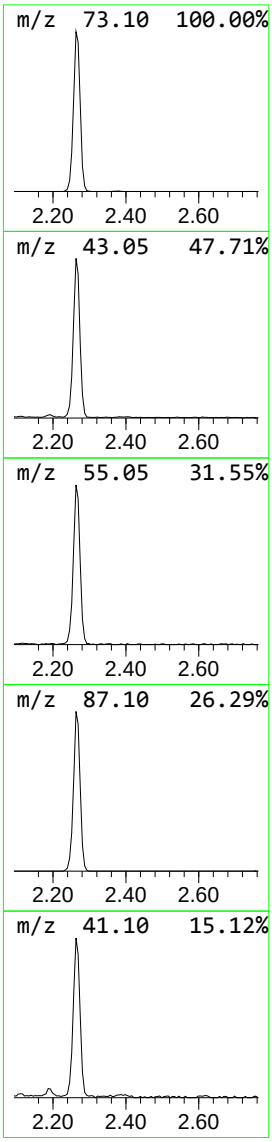
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	23.79 ng	622942	1,4-Dichlorobenzene-d4	6.939

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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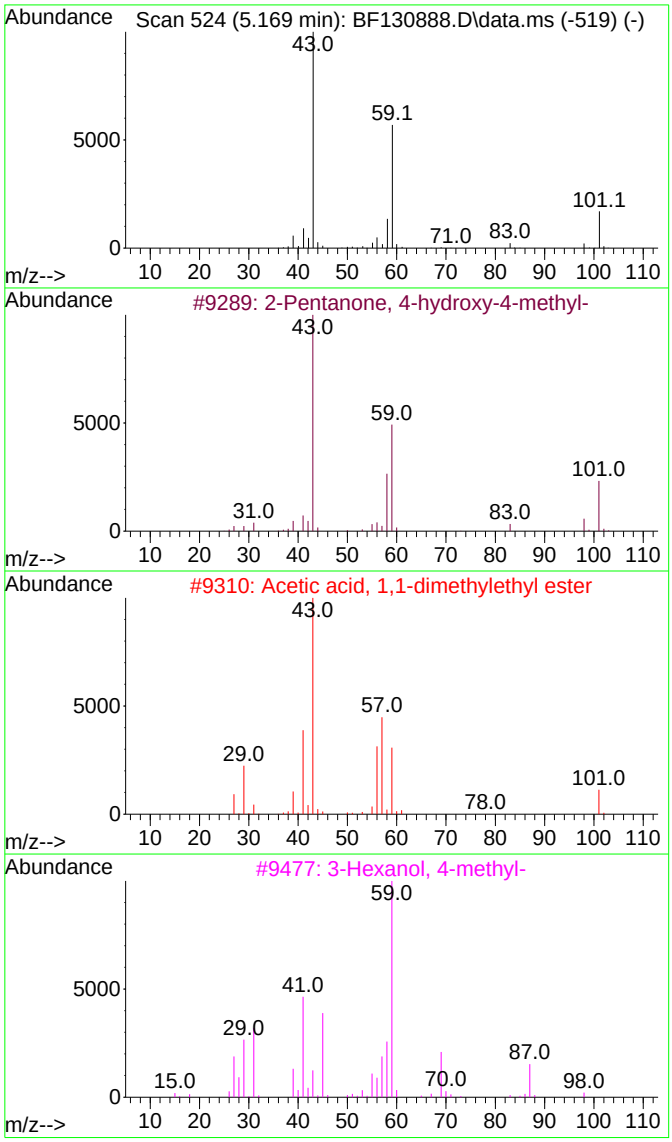
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

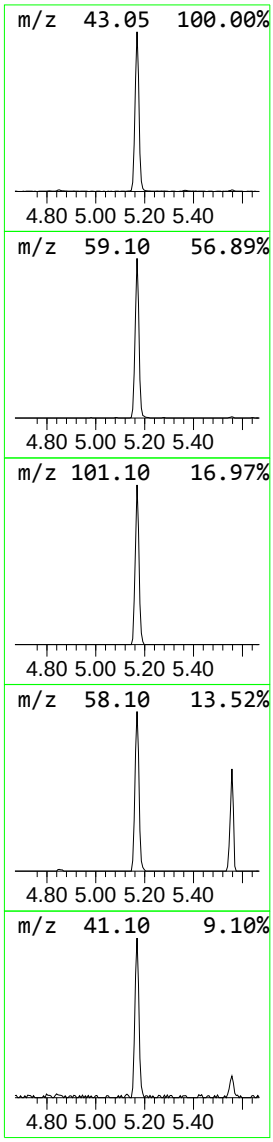
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	15.04 ng	393827	1,4-Dichlorobenzene-d4	6.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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

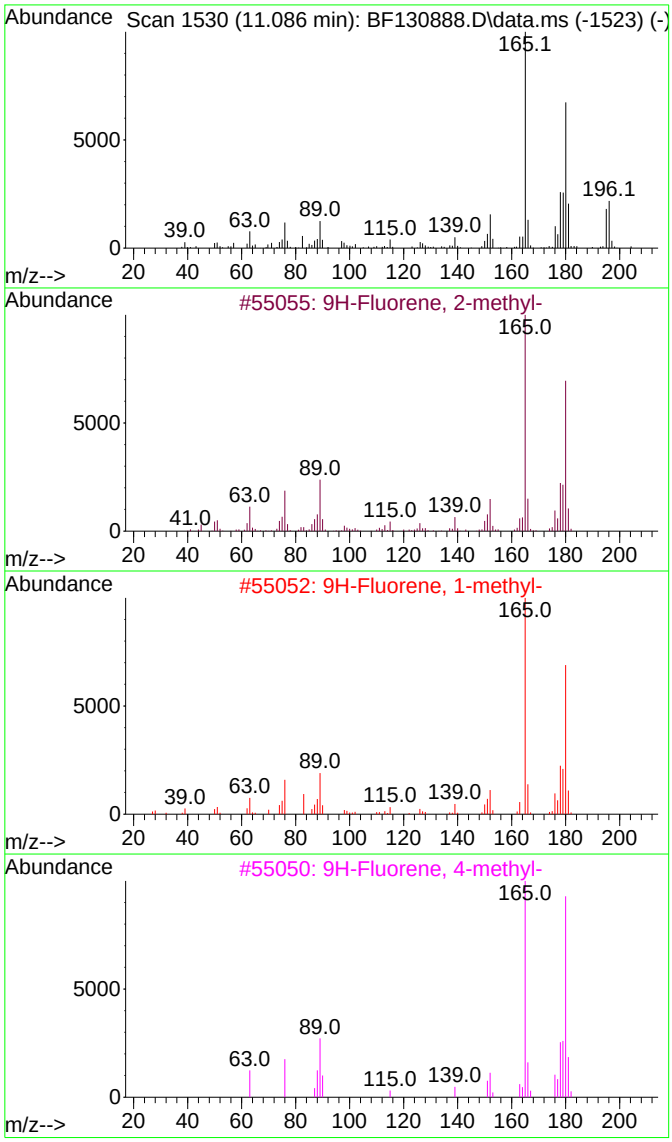
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

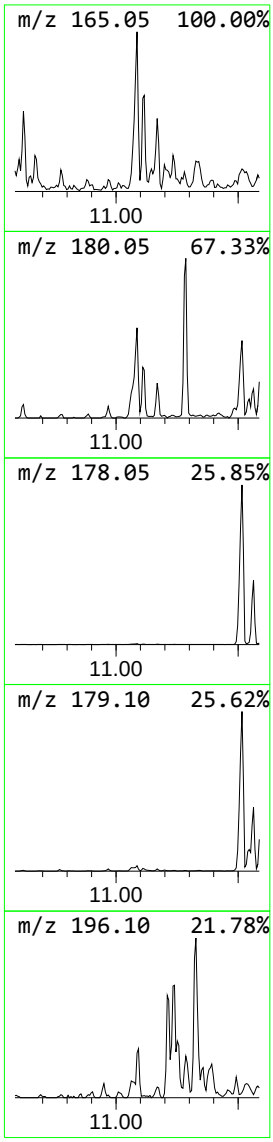
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	8.38 ng	230906	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
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Sample : N5337-06
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ALS Vial : 18 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

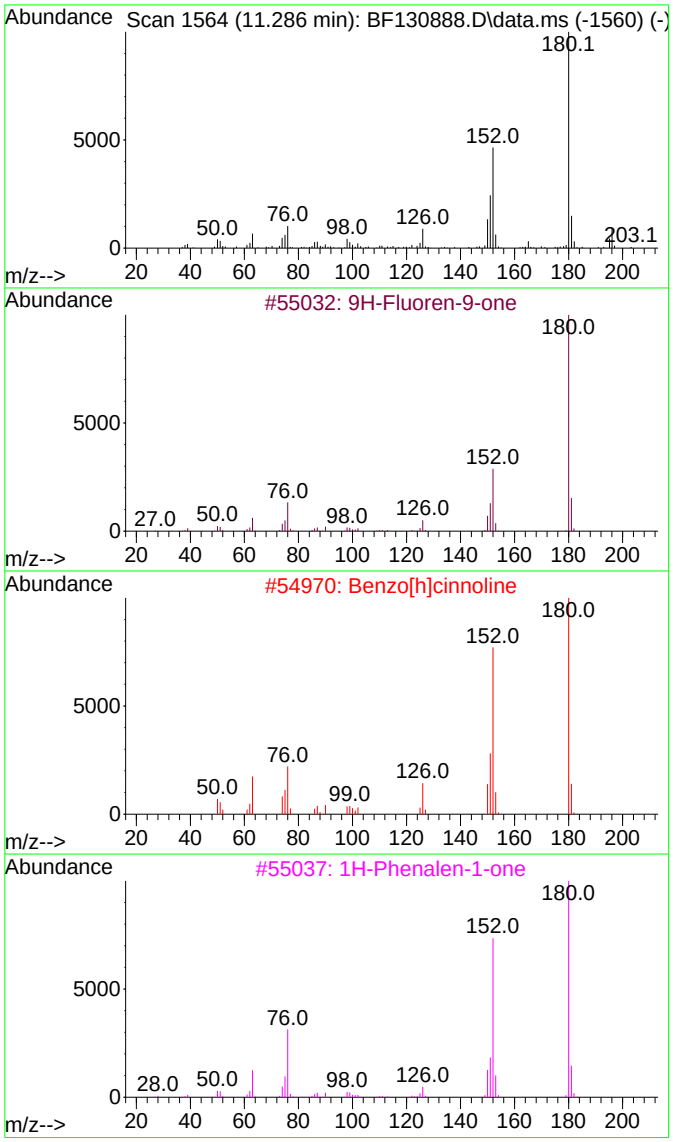
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

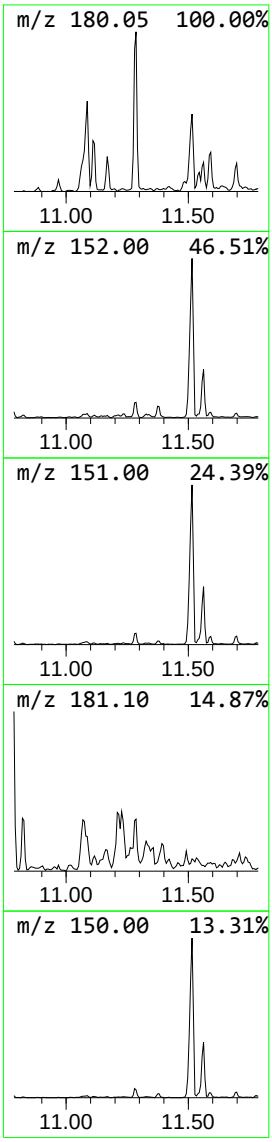
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	5.49 ng	151425	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	42
5	9H-Carbazole, 9-ethyl-	195	C14H13N	000086-28-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
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Sample : N5337-06
Misc :
ALS Vial : 18 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

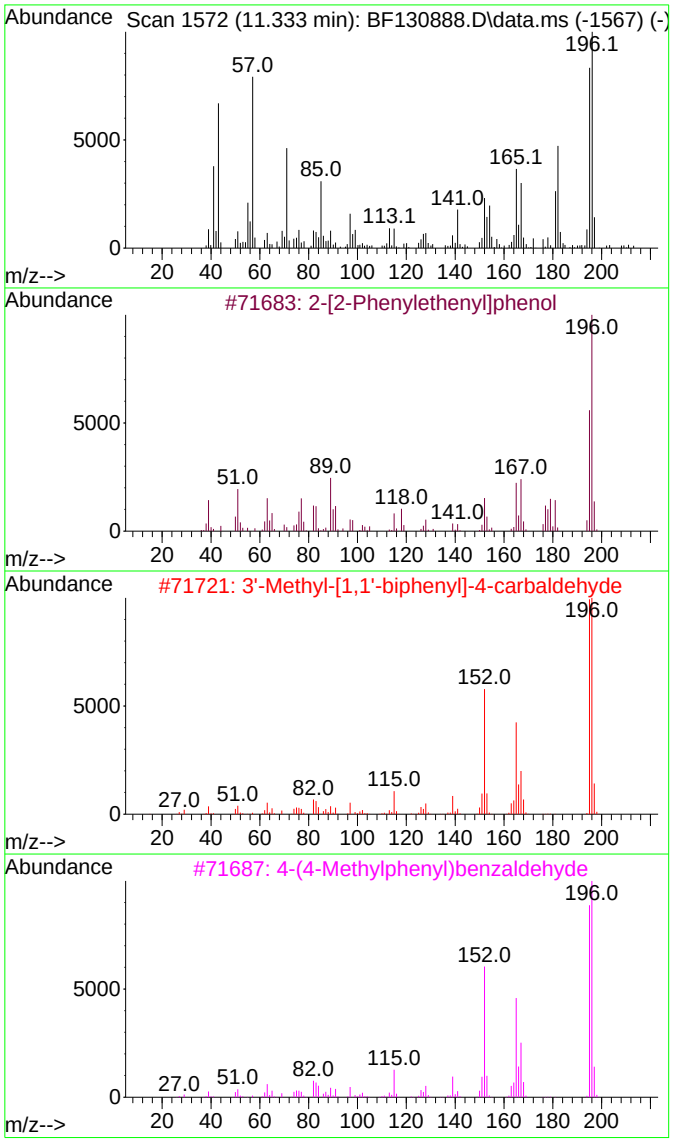
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

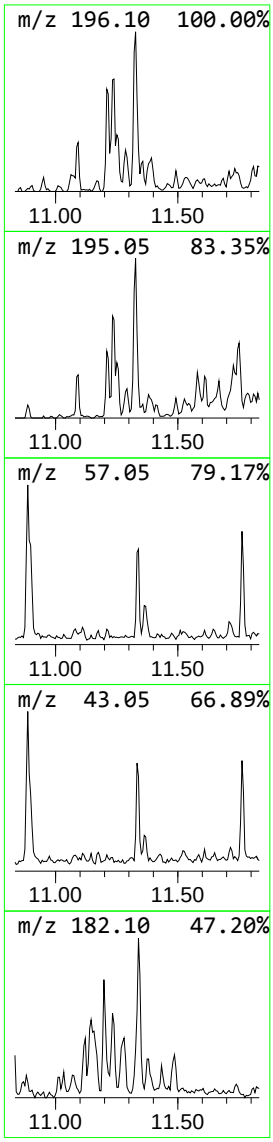
****

Peak Number 5 2-[2-Phenylethenyl]phenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	8.84 ng	243643	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	50
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	50
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SB-03-COMP

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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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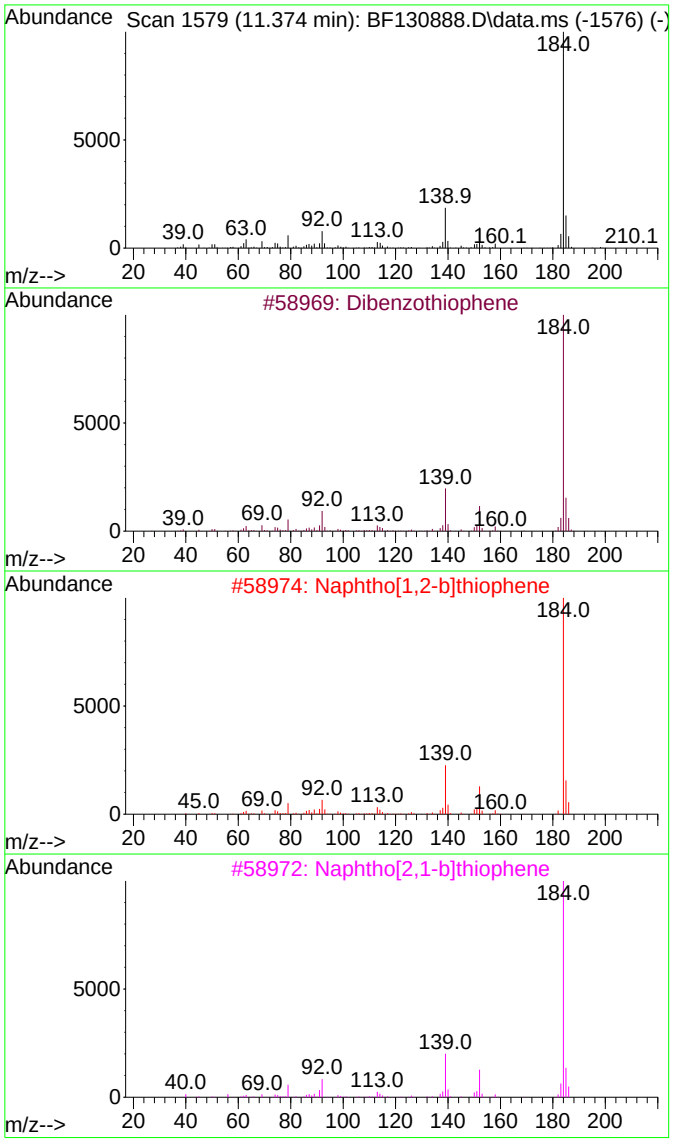
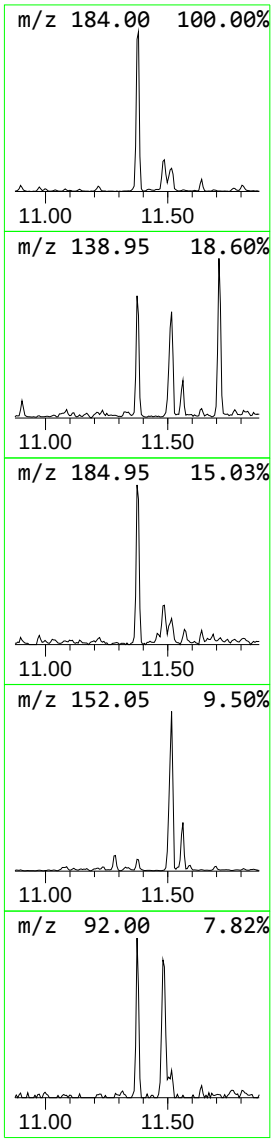
Peak Number 6 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.374	13.47 ng	371184	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	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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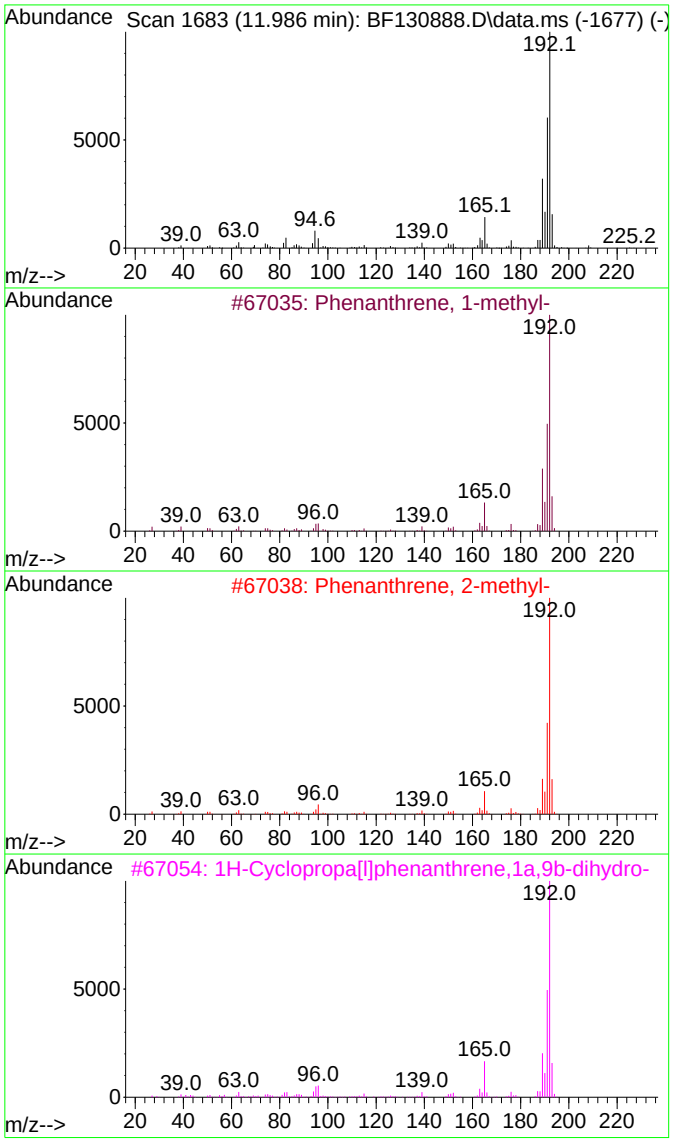
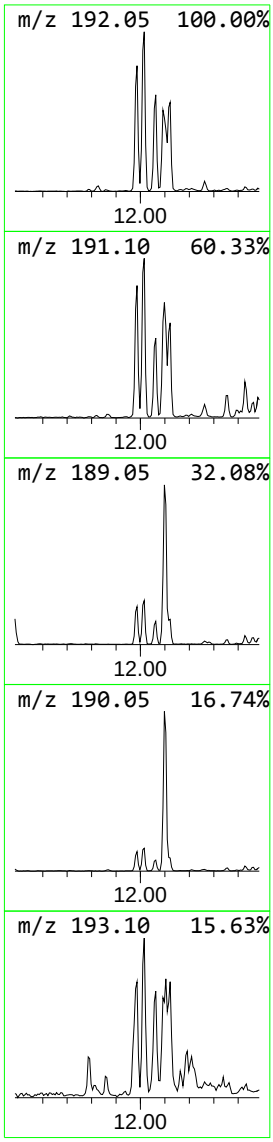
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	17.00 ng	468582	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
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	95





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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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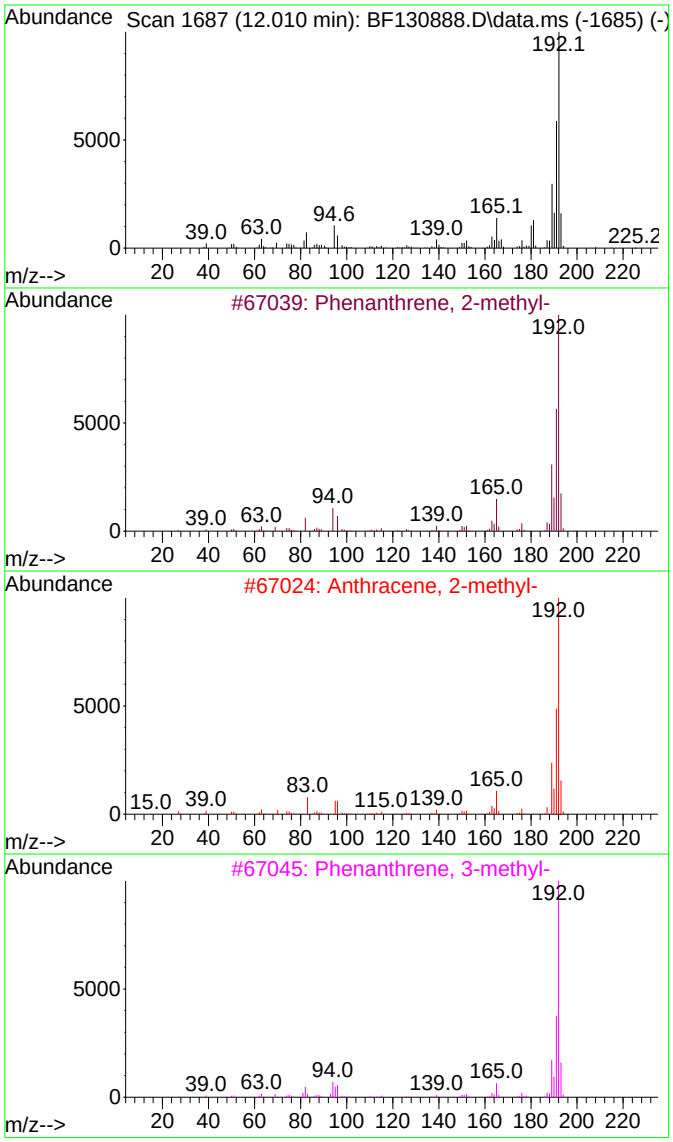
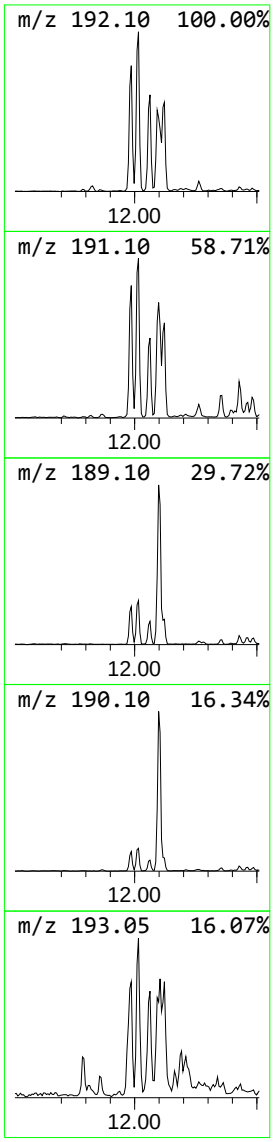
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.009	20.73 ng	571322	Phenanthrene-d10	11.486

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, 3-methyl-	192	C15H12	000832-71-3	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 18 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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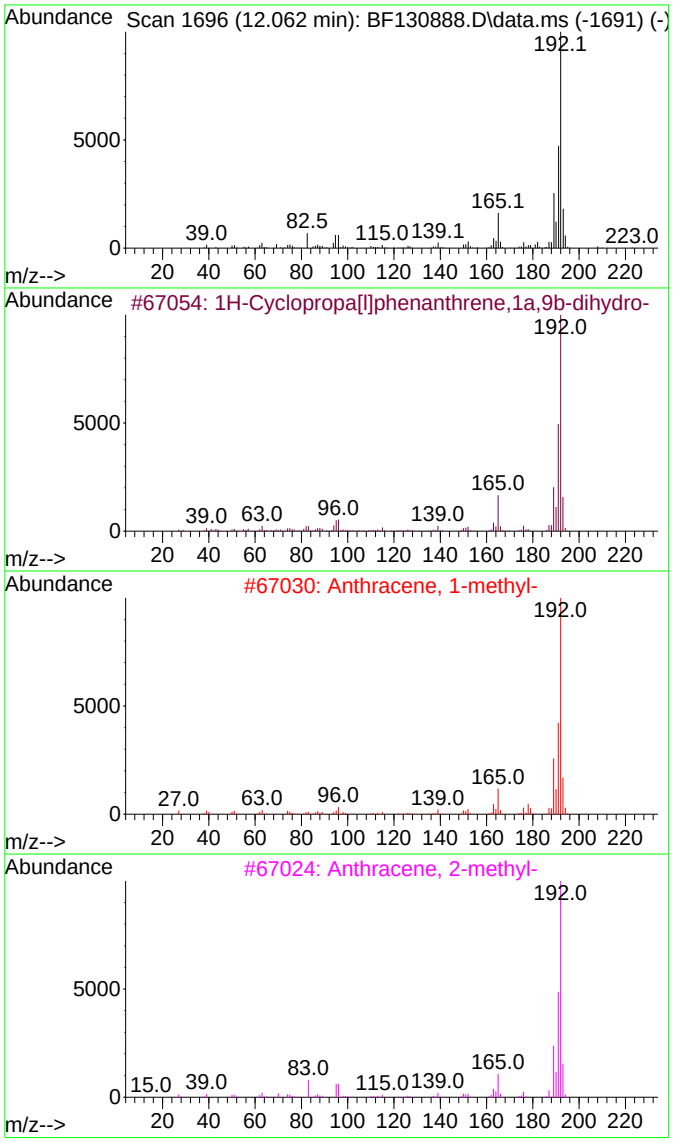
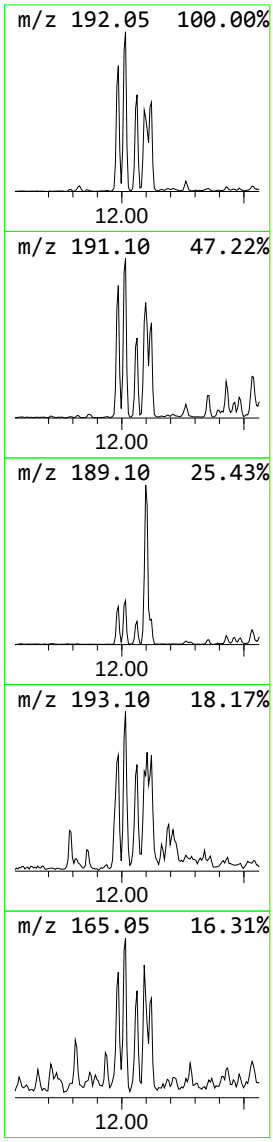
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	11.53 ng	317902	Phenanthrene-d10	11.486

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





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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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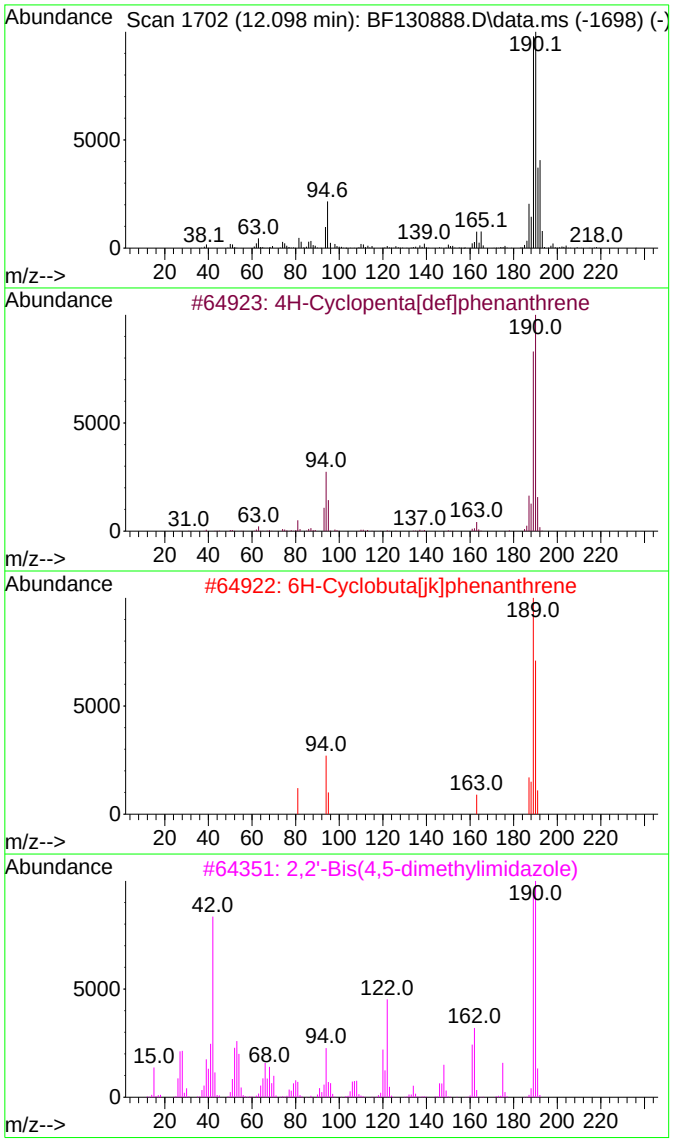
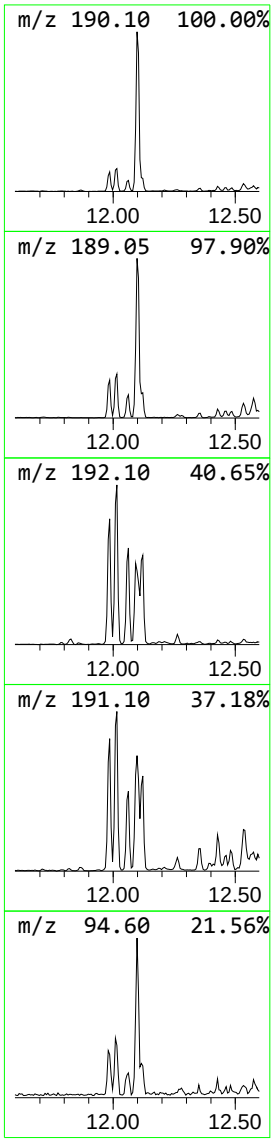
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	31.51 ng	868561	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
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	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





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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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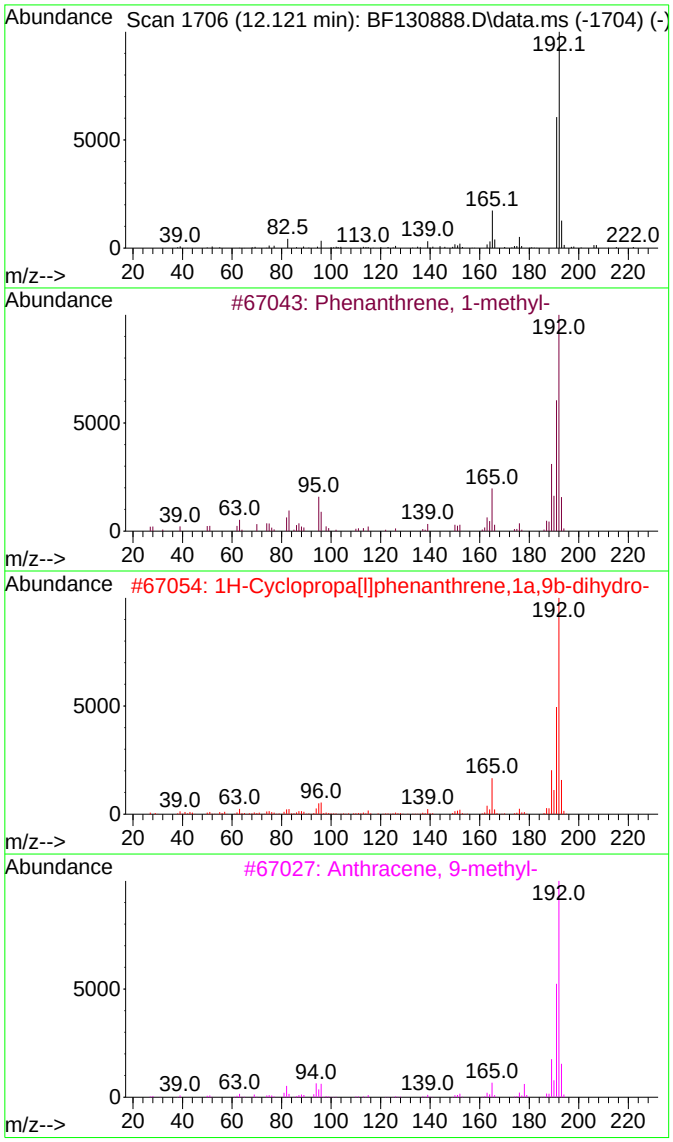
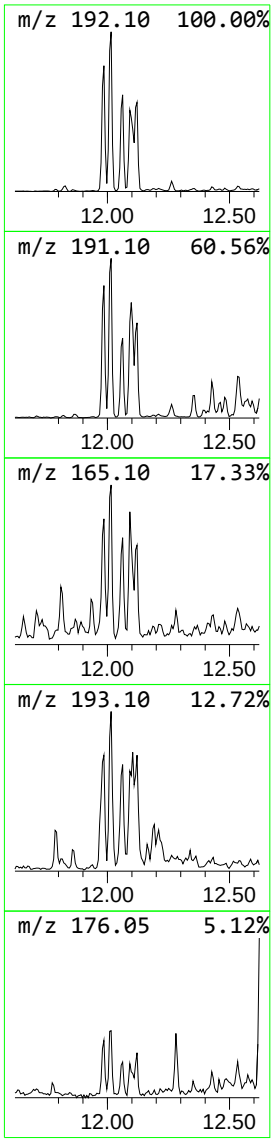
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	9.05 ng	249296	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	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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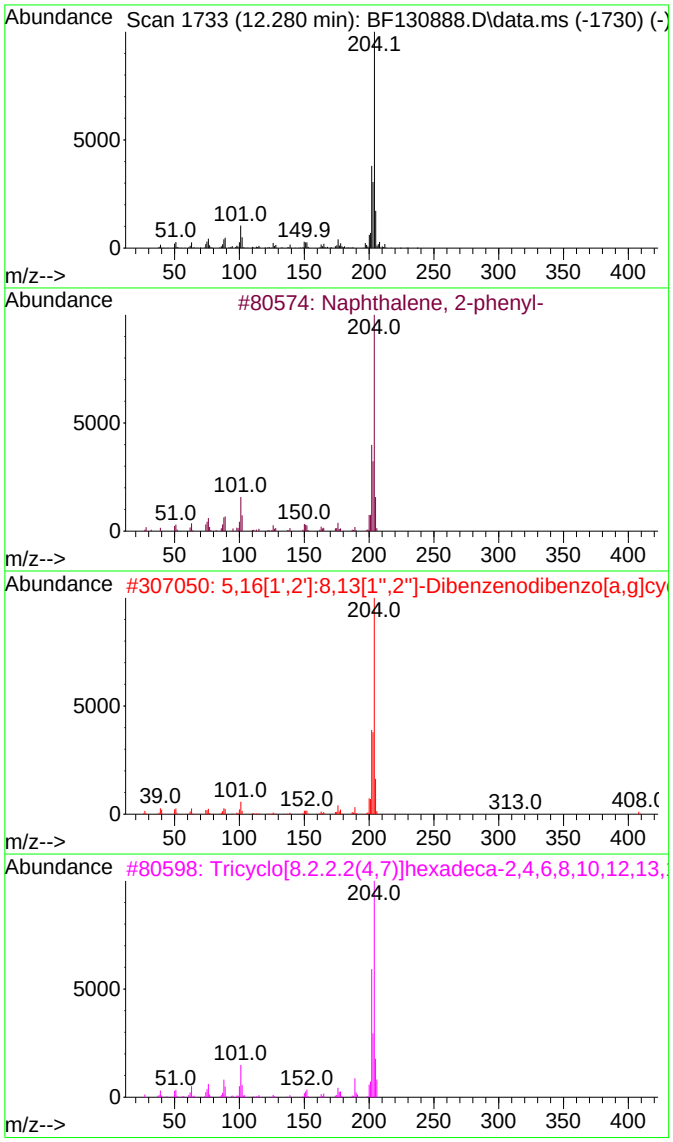
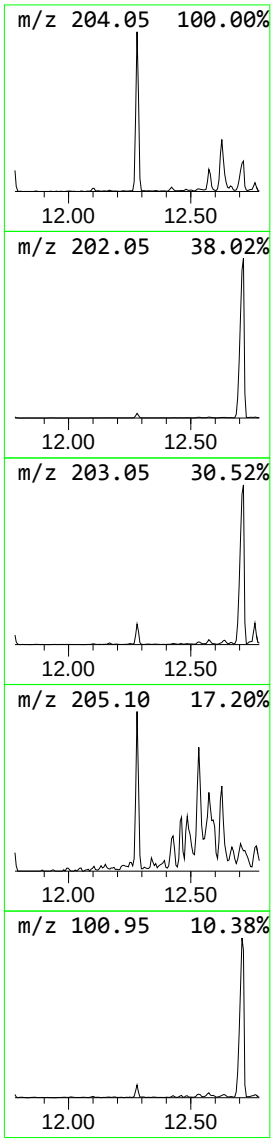
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	10.20 ng	281083	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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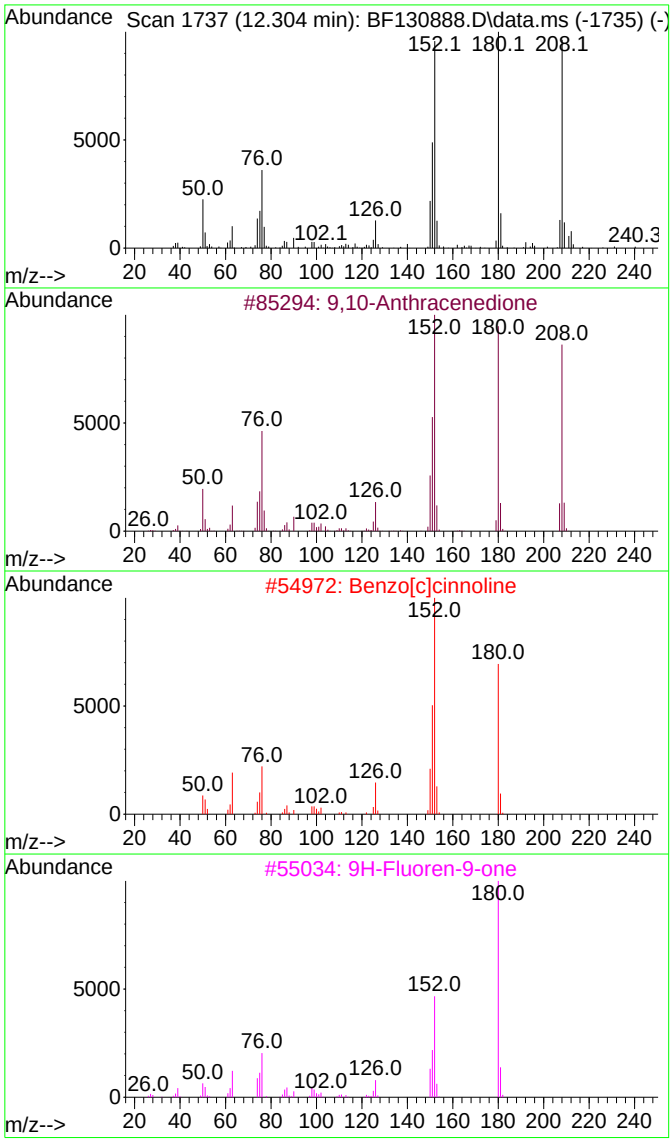
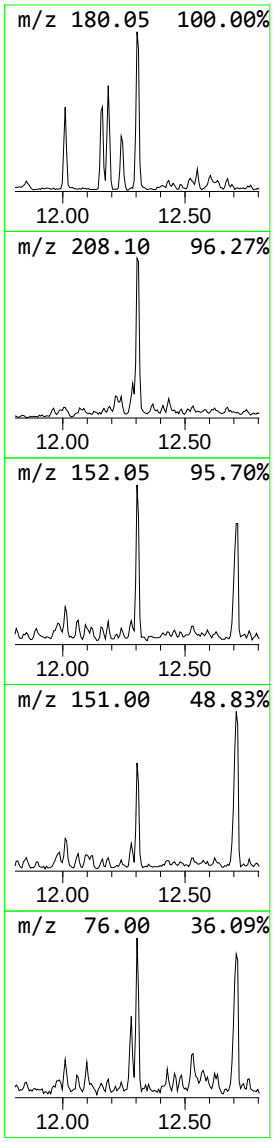
Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	6.04 ng	166429	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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

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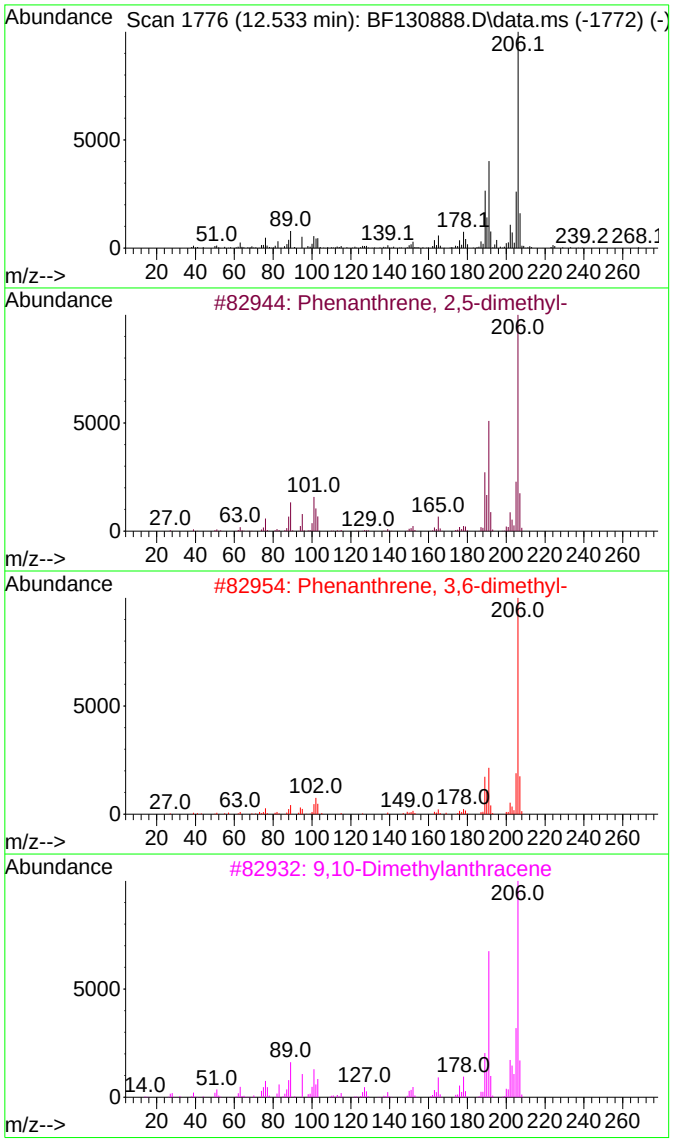
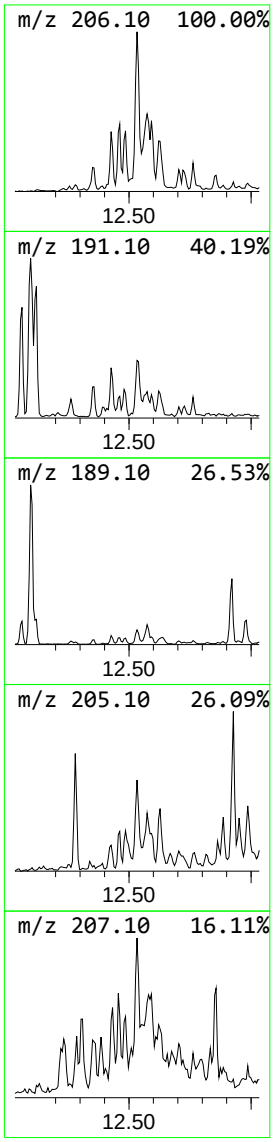
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	9.47 ng	260902	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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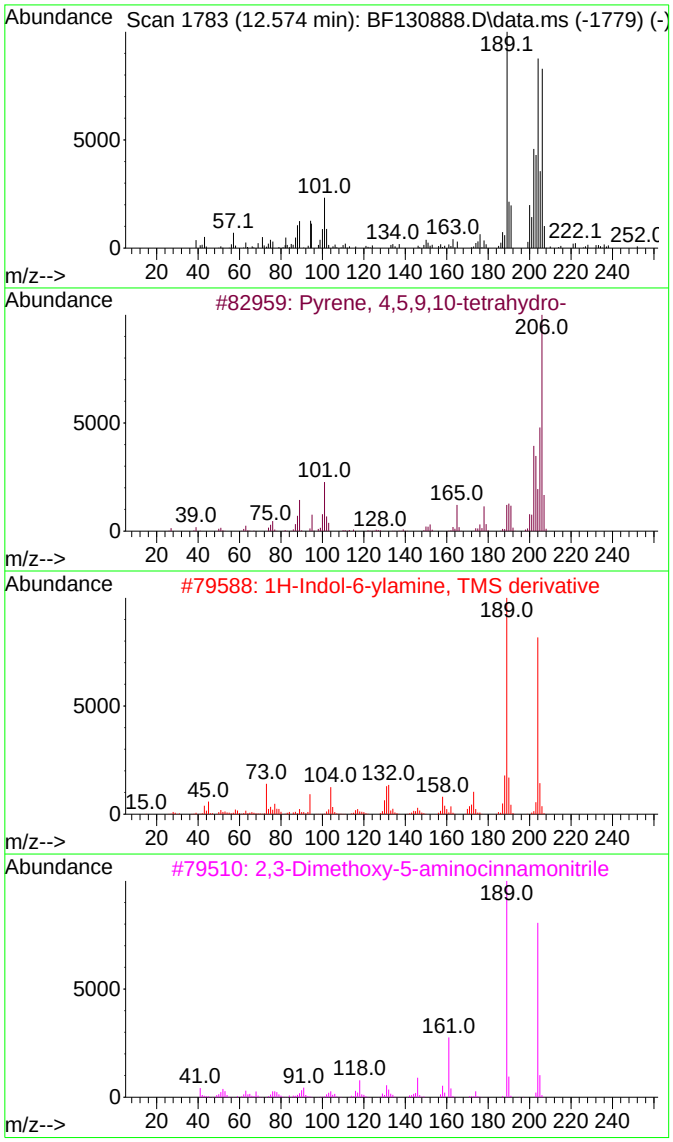
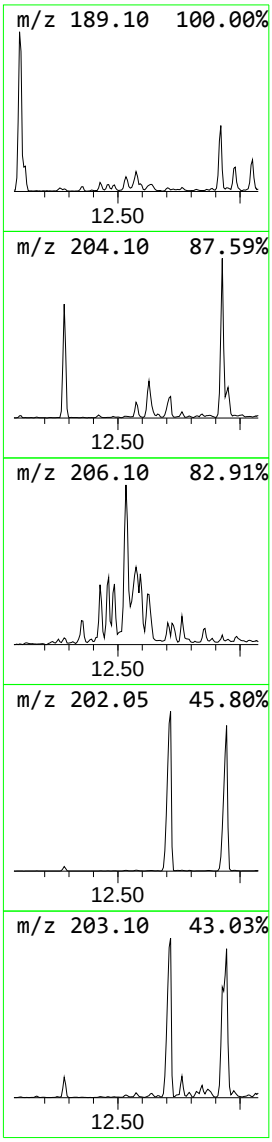
Peak Number 15 unknown12.574 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	6.23 ng	171802	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	38
3	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	27
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	27
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25





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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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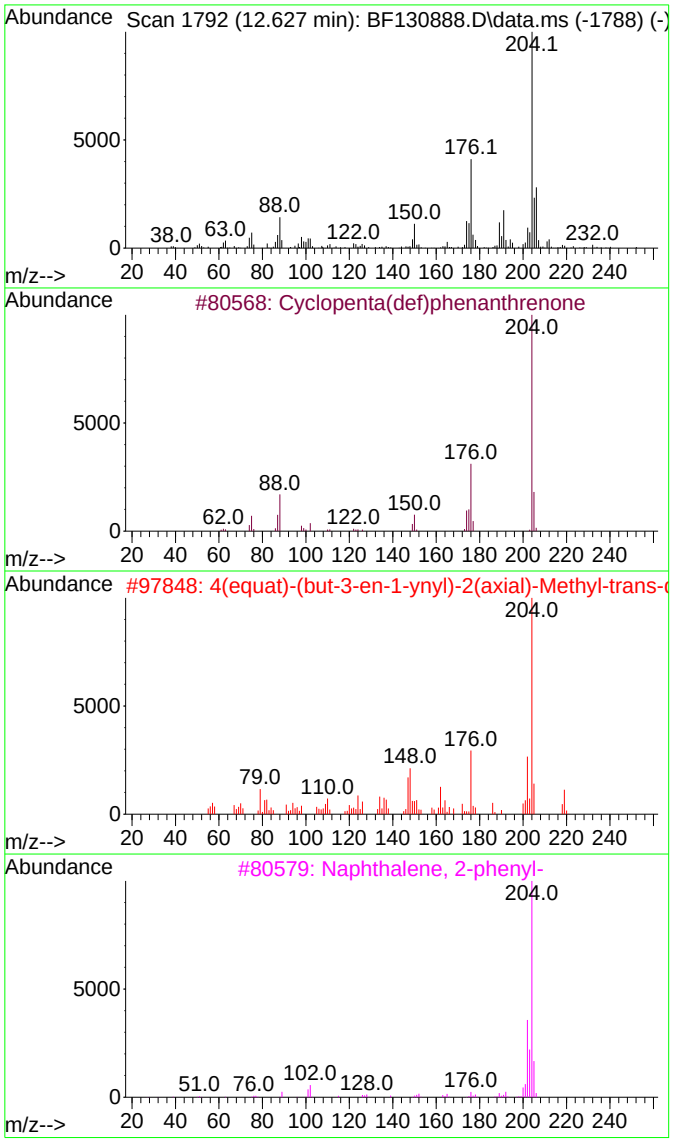
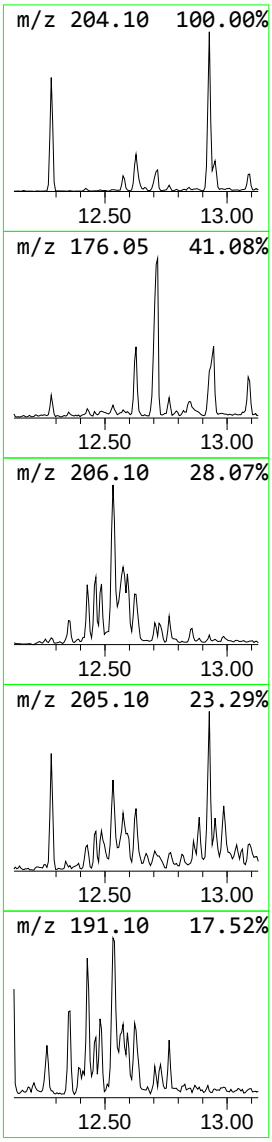
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	9.17 ng	252697	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	47
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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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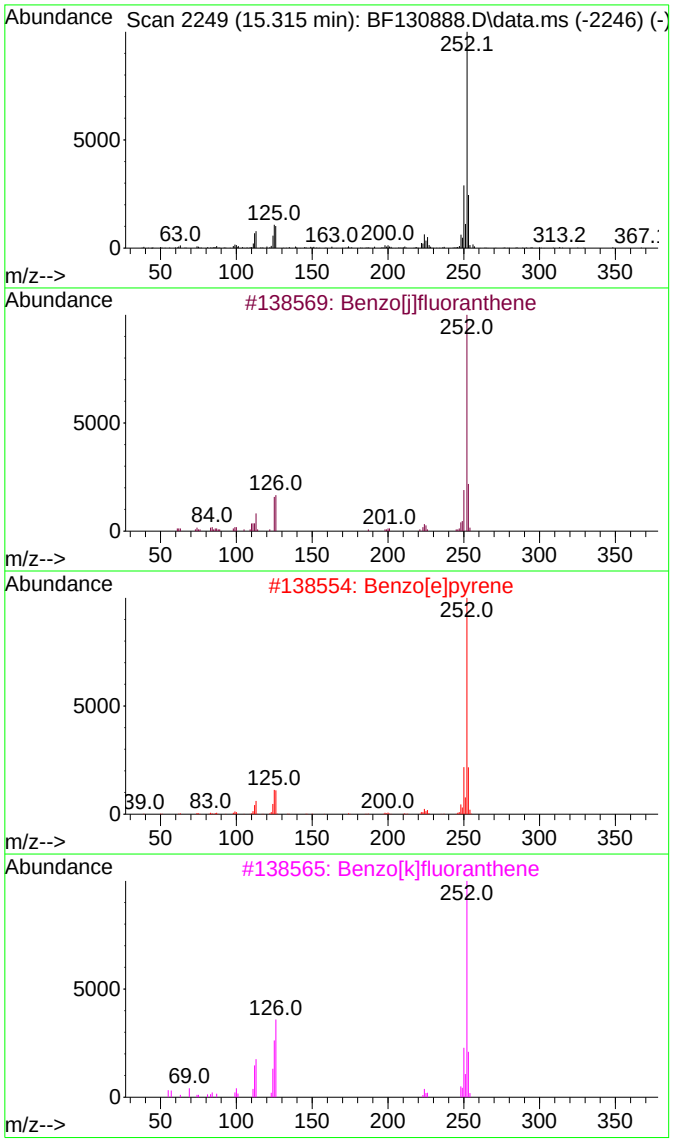
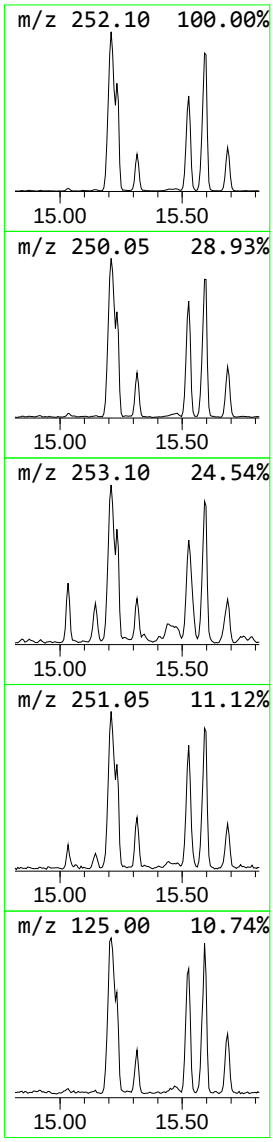
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	12.93 ng	231091	Perylene-d12	15.656

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





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Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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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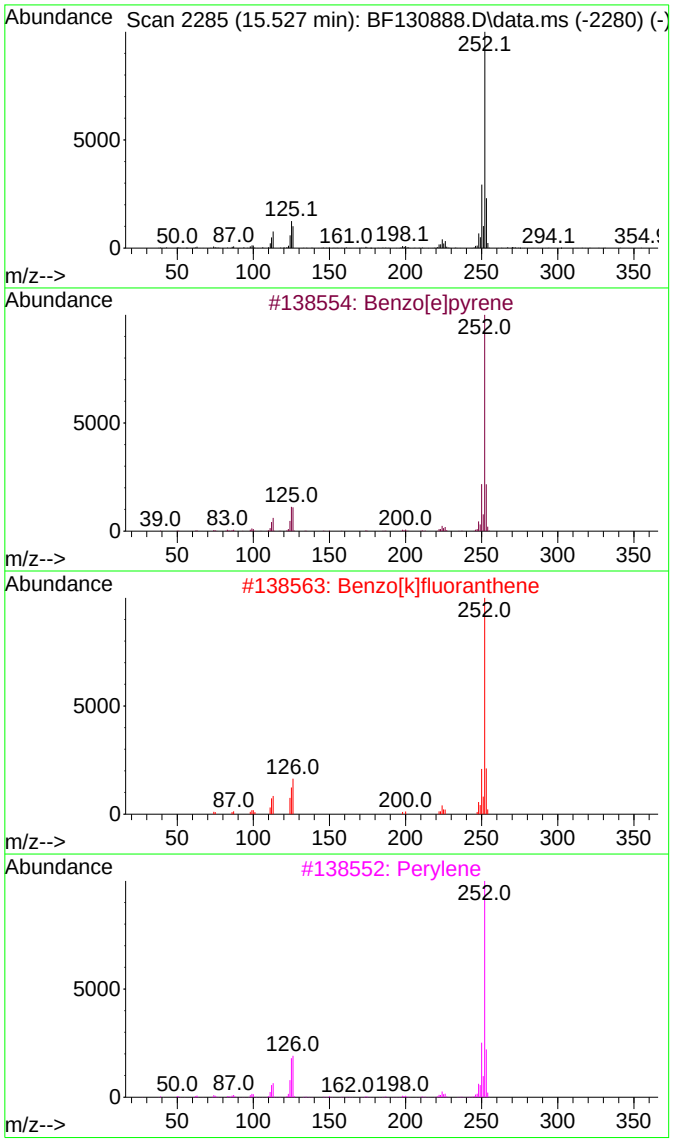
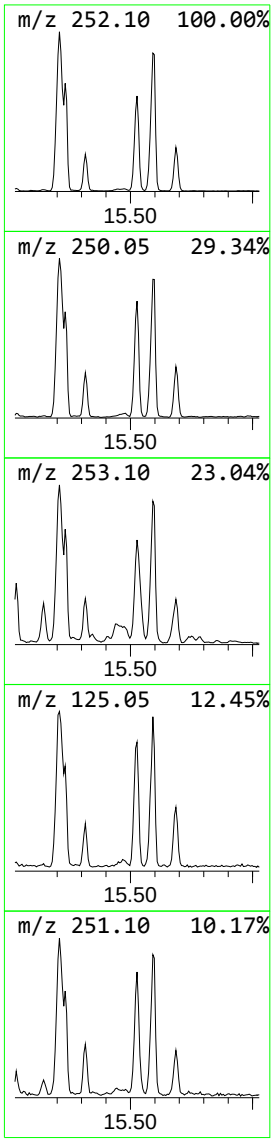
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	48.39 ng	865092	Perylene-d12	15.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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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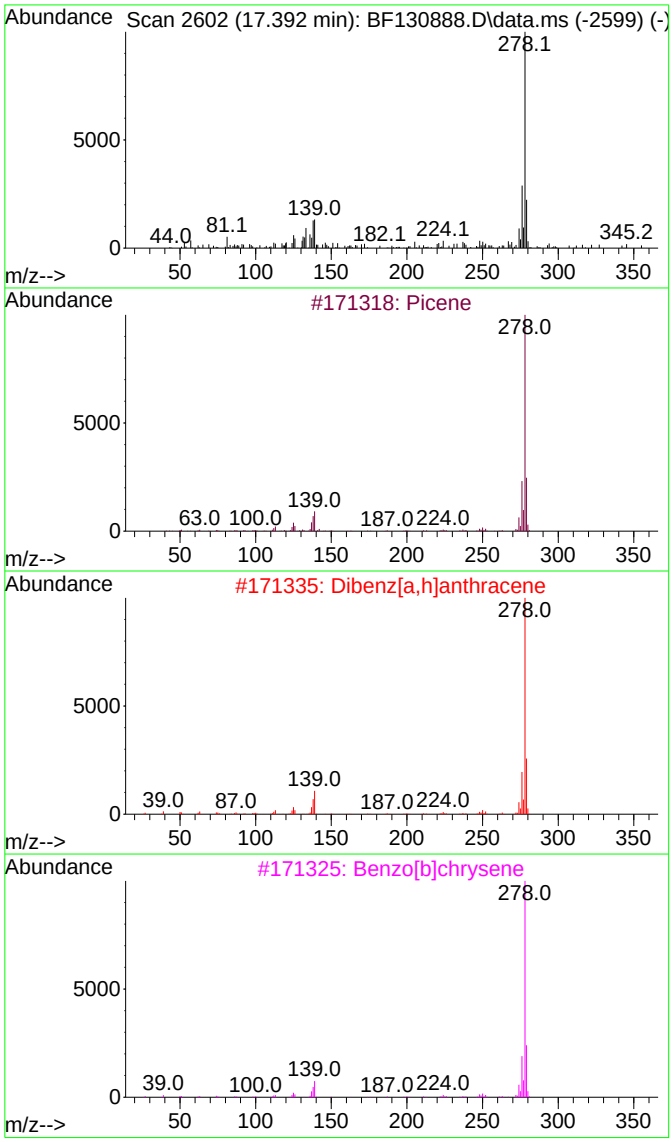
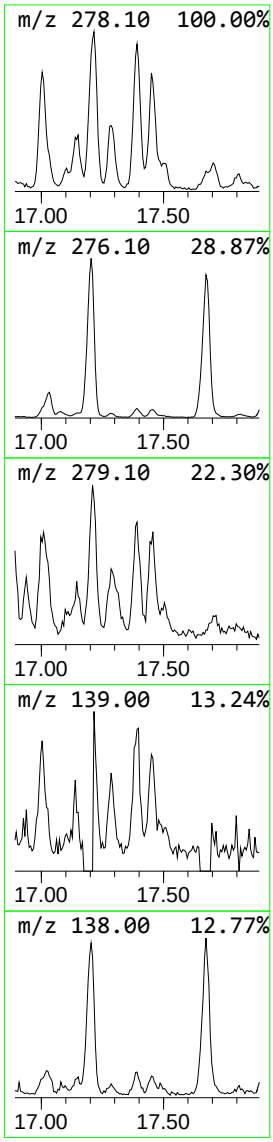
Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.392	5.28 ng	94464	Perylene-d12	15.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[b]chrysene	278	C22H14	000214-17-5	95
4	Pentaphene	278	C22H14	000222-93-5	95
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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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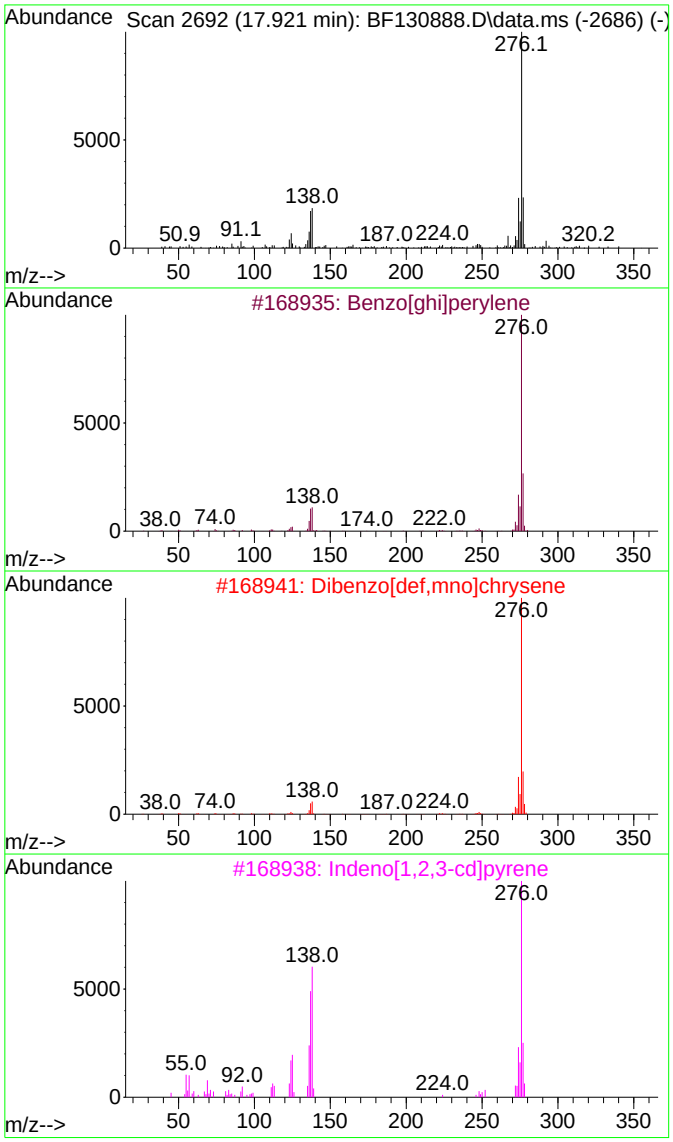
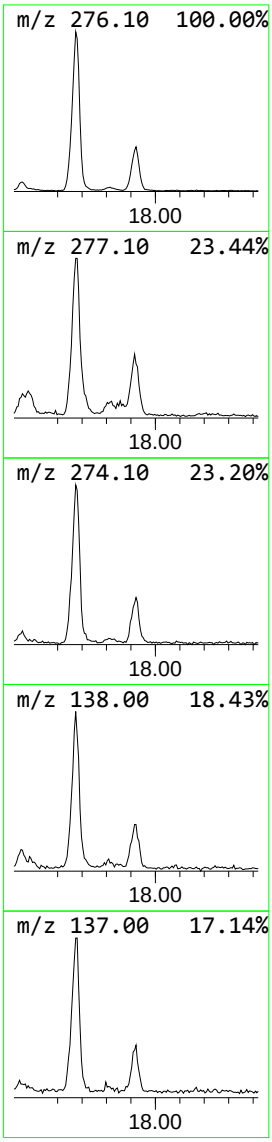
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	8.54 ng	152657	Perylene-d12	15.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	59
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
Data File : BF130888.D
Acq On : 31 Oct 2022 19:53
Operator : CG\JU
Sample : N5337-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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...	2.263	23.8	ng	622942	1	6.939	523748	20.0
2-Pentanone, 4-...	5.169	15.0	ng	393827	1	6.939	523748	20.0
9H-Fluorene, 2-...	11.086	8.4	ng	230906	4	11.486	551227	20.0
9H-Fluoren-9-one	11.286	5.5	ng	151425	4	11.486	551227	20.0
2-[2-Phenylethe...	11.333	8.8	ng	243643	4	11.486	551227	20.0
Dibenzothiophene	11.374	13.5	ng	371184	4	11.486	551227	20.0
Phenanthrene, 1...	11.986	17.0	ng	468582	4	11.486	551227	20.0
Phenanthrene, 2...	12.009	20.7	ng	571322	4	11.486	551227	20.0
1H-Cyclopropa[l...	12.063	11.5	ng	317902	4	11.486	551227	20.0
4H-Cyclopenta[d...	12.098	31.5	ng	868561	4	11.486	551227	20.0
Anthracene, 9-m...	12.121	9.1	ng	249296	4	11.486	551227	20.0
Naphthalene, 2-...	12.280	10.2	ng	281083	4	11.486	551227	20.0
9,10-Anthracene...	12.304	6.0	ng	166429	4	11.486	551227	20.0
Phenanthrene, 2...	12.533	9.5	ng	260902	4	11.486	551227	20.0
unknown12.574	12.574	6.2	ng	171802	4	11.486	551227	20.0
Cyclopenta(def)...	12.627	9.2	ng	252697	4	11.486	551227	20.0
Benzo[j]fluoran...	15.315	12.9	ng	231091	6	15.656	357520	20.0
Benzo[e]pyrene	15.527	48.4	ng	865092	6	15.656	357520	20.0
Picene	17.392	5.3	ng	94464	6	15.656	357520	20.0
Dibenzo[def,mno...	17.921	8.5	ng	152657	6	15.656	357520	20.0