LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131929.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	14	rVB	33062	38983	2.03%	0.171%
2	4.998	490	495	504	rVB	520850	644504	33.64%	2.824%
3	5.410	561	565	580	rBV	1707248	1523525	79.51%	6.675%
4	6.439	735	740	743	rBV	1595320	1578979	82.41%	6.918%
5	6.798	798	801	805	rBV	481481	415315	21.68%	1.820%
6	7.369	893	898	902	rBV	1028155	1035995	54.07%	4.539%
7	8.092	1016	1021	1024	rBV	605577	525239	27.41%	2.301%
8	9.175	1200	1205	1208	rBV	2174225	1916047	100.00%	8.395%
9	9.710	1293	1296	1300	rVB	66456	58461	3.05%	0.256%
10	9.851	1312	1320	1324	rBV	723002	613361	32.01%	2.687%
11	9.886	1324	1326	1329	rVB	35187	26272	1.37%	0.115%
12	10.057	1350	1355	1359	rBV2	44203	37882	1.98%	0.166%
13	10.398	1410	1413	1420	rVB2	44727	49420	2.58%	0.217%
14	10.569	1438	1442	1446	rVB2	162042	161102	8.41%	0.706%
15	10.645	1451	1455	1459	rBV	1331779	1205851	62.93%	5.283%
16	10.769	1471	1476	1483	rVB5	16975	24688	1.29%	0.108%
17	10.951	1501	1507	1510	rBV3	23916	34345	1.79%	0.150%
18	11.080	1523	1529	1531	rBV2	37705	39483	2.06%	0.173%
19	11.151	1538	1541	1544	rBV	56298	47474	2.48%	0.208%
20	11.192	1544	1548	1552	rVV2	33374	45961	2.40%	0.201%
21	11.239	1554	1556	1562	rVB	42733	41275	2.15%	0.181%
22	11.345	1570	1574	1576	rBV	680243	598246	31.22%	2.621%
23	11.369	1576	1578	1582	rVV	733109	620057	32.36%	2.717%
24	11.421	1582	1587	1590	rVV	153483	132429	6.91%	0.580%
25	11.451	1590	1592	1596	rVB2	32311	31164	1.63%	0.137%
26	11.580	1607	1614	1622	rBV3	53569	95494	4.98%	0.418%
27	11.645	1622	1625	1629	rVV3	35139	38101	1.99%	0.167%
28	11.680	1629	1631	1635	rVB3	26066	28200	1.47%	0.124%
29	11.851	1655	1660	1662	rBV	121063	111534	5.82%	0.489%
30	11.880	1662	1665	1668	rVB	169799	158378	8.27%	0.694%
31	11.927	1668	1673	1675	rBV	53304	52784	2.75%	0.231%
32	11.963	1675	1679	1681	rBV2	160513	171629	8.96%	0.752%
33	11.986	1681	1683	1688	rVB	83423	71142	3.71%	0.312%
34	12.033	1688	1691	1694	rBV4	22558	29788	1.55%	0.131%
35	12.127	1702	1707	1708	rBV4	20631	23285	1.22%	0.102%
36	12.145	1708	1710	1713	rVV	87023	73662	3.84%	0.323%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.174	1713	1715	1719	rVB	96442	79264	4.14%	0.347%
38	12.298	1730	1736	1739	rBV3	36411	47121	2.46%	0.206%
39	12.327	1739	1741	1743	rVB	33468	23895	1.25%	0.105%
40	12.351	1743	1745	1747	rVB	31379	23800	1.24%	0.104%
41	12.404	1749	1754	1756	rBV	72015	87270	4.55%	0.382%
42	12.439	1756	1760	1762	rVV4	51592	73617	3.84%	0.323%
43	12.492	1766	1769	1774	rVB	110464	110788	5.78%	0.485%
44	12.568	1778	1782	1785	rBV	1368950	1097735	57.29%	4.810%
45	12.627	1791	1792	1795	rVB2	32134	26513	1.38%	0.116%
46	12.663	1795	1798	1800	rVB	60233	46657	2.44%	0.204%
47	12.716	1800	1807	1810	rBV3	49884	89530	4.67%	0.392%
48	12.798	1814	1821	1826	rVV	1053329	1067604	55.72%	4.678%
49	12.845	1826	1829	1834	rVB2	68394	77848	4.06%	0.341%
50	12.916	1837	1841	1842	rBV	77979	76380	3.99%	0.335%
51	12.939	1842	1845	1851	rVB	1637545	1521856	79.43%	6.668%
52	13.016	1853	1858	1862	rBV2	80925	142213	7.42%	0.623%
53	13.098	1869	1872	1874	rBV4	67716	74866	3.91%	0.328%
54	13.121	1874	1876	1879	rVB	81645	81136	4.23%	0.355%
55	13.168	1879	1884	1886	rBV3	24540	39403	2.06%	0.173%
56	13.192	1886	1888	1890	rVB	29173	21445	1.12%	0.094%
57	13.227	1890	1894	1897	rBV2	114999	125779	6.56%	0.551%
58	13.321	1907	1910	1913	rVB	59644	48857	2.55%	0.214%
59	13.351	1913	1915	1919	rBV2	58899	65768	3.43%	0.288%
60	13.421	1923	1927	1935	rVB	303168	325461	16.99%	1.426%
61	13.510	1938	1942	1945	rBV5	37940	52857	2.76%	0.232%
62	13.639	1961	1964	1968	rVB	116176	111120	5.80%	0.487%
63	13.745	1978	1982	1985	rBV2	90275	99383	5.19%	0.435%
64	13.774	1985	1987	1989	rVV	79287	71151	3.71%	0.312%
65	13.798	1989	1991	1993	rVV	60527	60404	3.15%	0.265%
66	13.845	1996	1999	2007	rVB2	172395	219077	11.43%	0.960%
67	13.998	2017	2025	2028	rBV2	609451	917422	47.88%	4.020%
68	14.027	2028	2030	2033	rVB	389578	301091	15.71%	1.319%
69	14.104	2038	2043	2045	rVV3	48542	57893	3.02%	0.254%
70	14.151	2045	2051	2057	rVV5	53247	103699	5.41%	0.454%
71	14.233	2060	2065	2067	rVV3	53628	60316	3.15%	0.264%
72	14.262	2067	2070	2072	rVB3	24236	24134	1.26%	0.106%
73	14.392	2088	2092	2094	rVB	88816	91808	4.79%	0.402%
74	14.421	2094	2097	2101	rBV2	45765	45413	2.37%	0.199%
75	14.515	2110	2113	2115	rBV2	41263	39618	2.07%	0.174%
76	14.586	2123	2125	2131	rVB2	31311	43354	2.26%	0.190%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.704	2143	2145	2148	rBV2	34704	31555	1.65%	0.138%
78	14.780	2155	2158	2161	rBV4	18770	23425	1.22%	0.103%
79	14.880	2172	2175	2184	rVB4	38137	81407	4.25%	0.357%
80	14.957	2184	2188	2191	rBV5	21952	36964	1.93%	0.162%
81	15.051	2199	2204	2207	rBV	396553	611211	31.90%	2.678%
82	15.157	2219	2222	2225	rBV	89046	91814	4.79%	0.402%
83	15.245	2234	2237	2239	rBV2	27070	35249	1.84%	0.154%
84	15.351	2250	2255	2261	rVB	221256	302814	15.80%	1.327%
85	15.415	2261	2266	2272	rBV	329177	408885	21.34%	1.792%
86	15.480	2272	2277	2280	rBV	329857	429120	22.40%	1.880%
87	15.509	2280	2282	2289	rVB2	98823	126504	6.60%	0.554%
88	16.756	2490	2494	2498	rBV3	19949	39472	2.06%	0.173%
89	16.945	2521	2526	2533	rVB2	145002	280184	14.62%	1.228%
90	17.127	2553	2557	2561	rBV	29759	49804	2.60%	0.218%
91	17.180	2562	2566	2573	rVB3	30555	55661	2.90%	0.244%
92	17.392	2596	2602	2610	rVB2	98377	196732	10.27%	0.862%
93	17.633	2639	2643	2650	rVB2	24449	48699	2.54%	0.213%

Sum of corrected areas: 22823101

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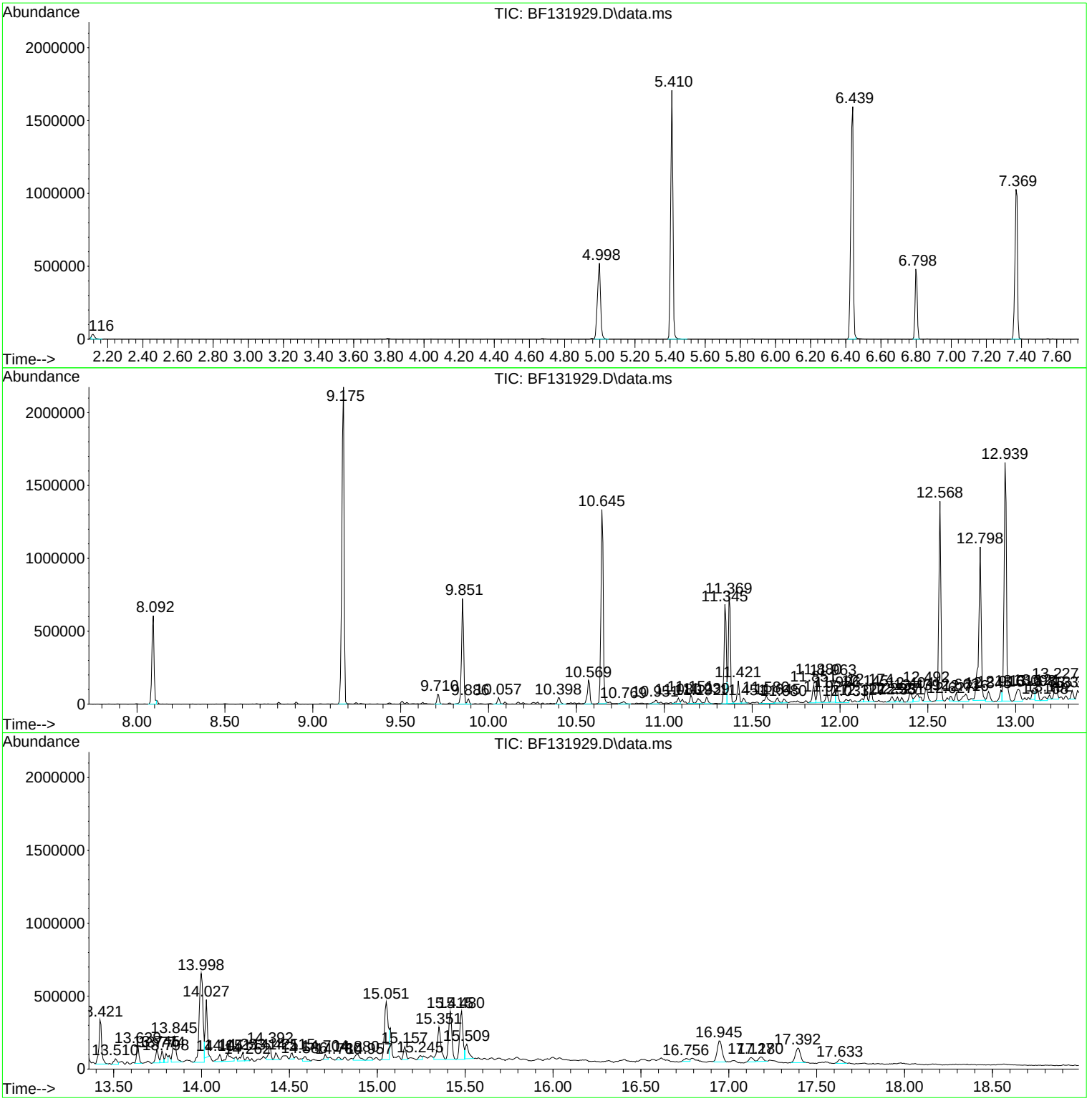
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
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Instrument :
BNA_F
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TP-5

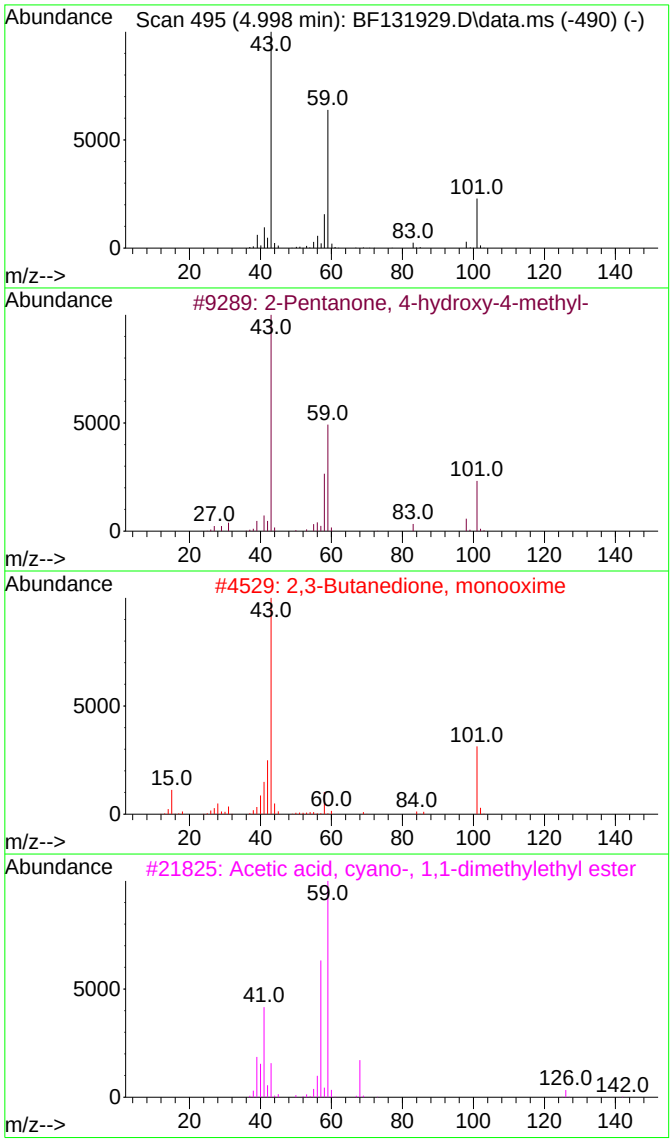
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

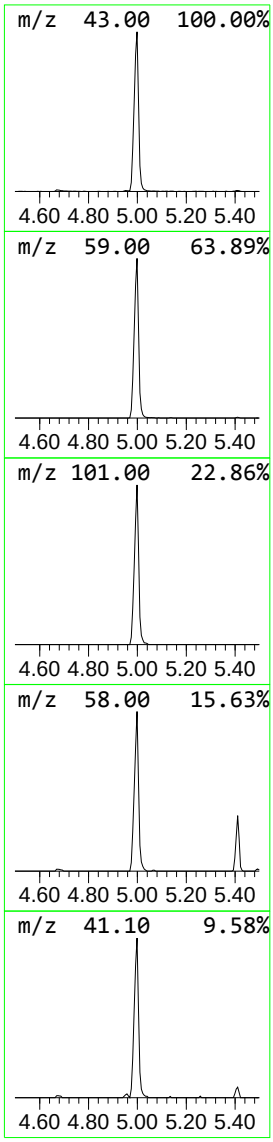
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	31.04 ng	644504	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

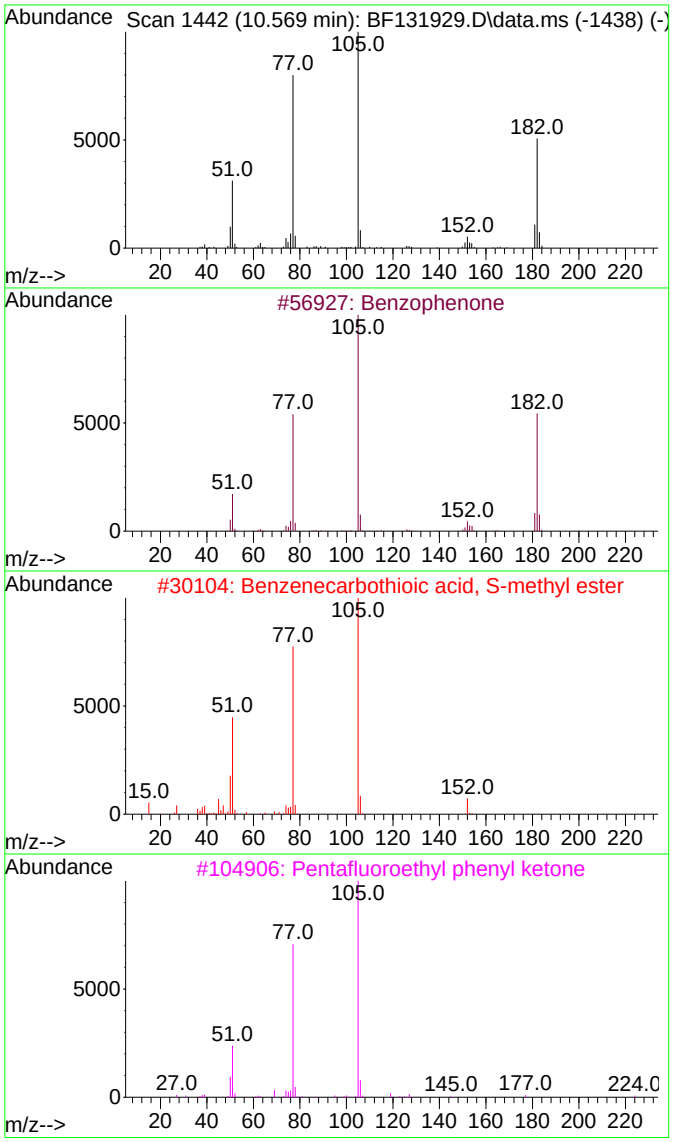
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

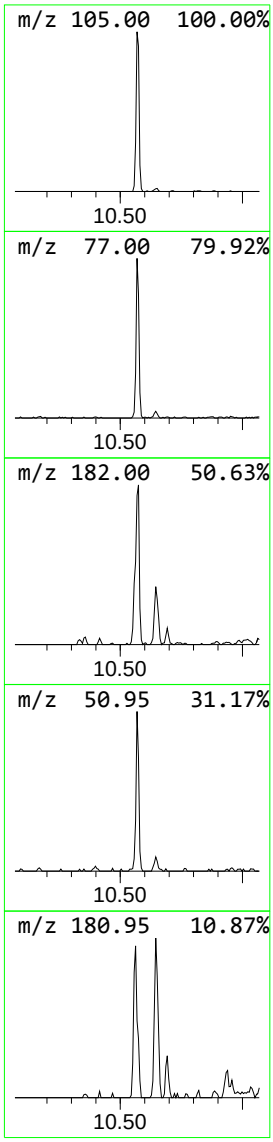
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	5.25 ng	161102	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50
4	N-Benzoylimidazole	172	C10H8N2O	010364-94-0	50
5	Vinyl benzoate	148	C9H8O2	000769-78-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
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BNA_F
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TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

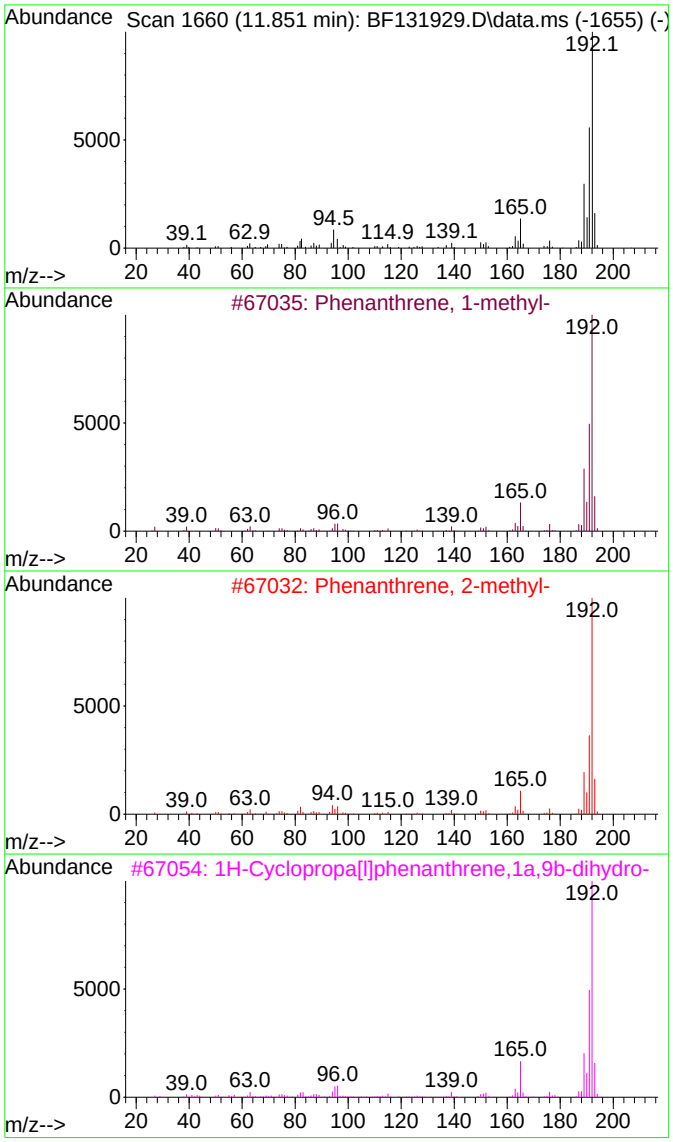
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

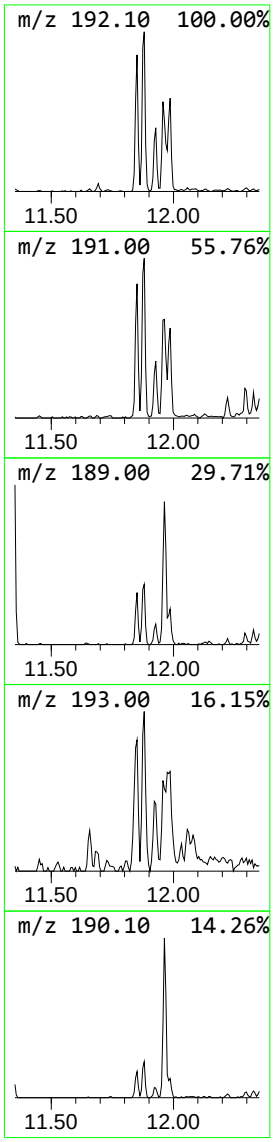
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.73 ng	111534	Phenanthrene-d10	11.345

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, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

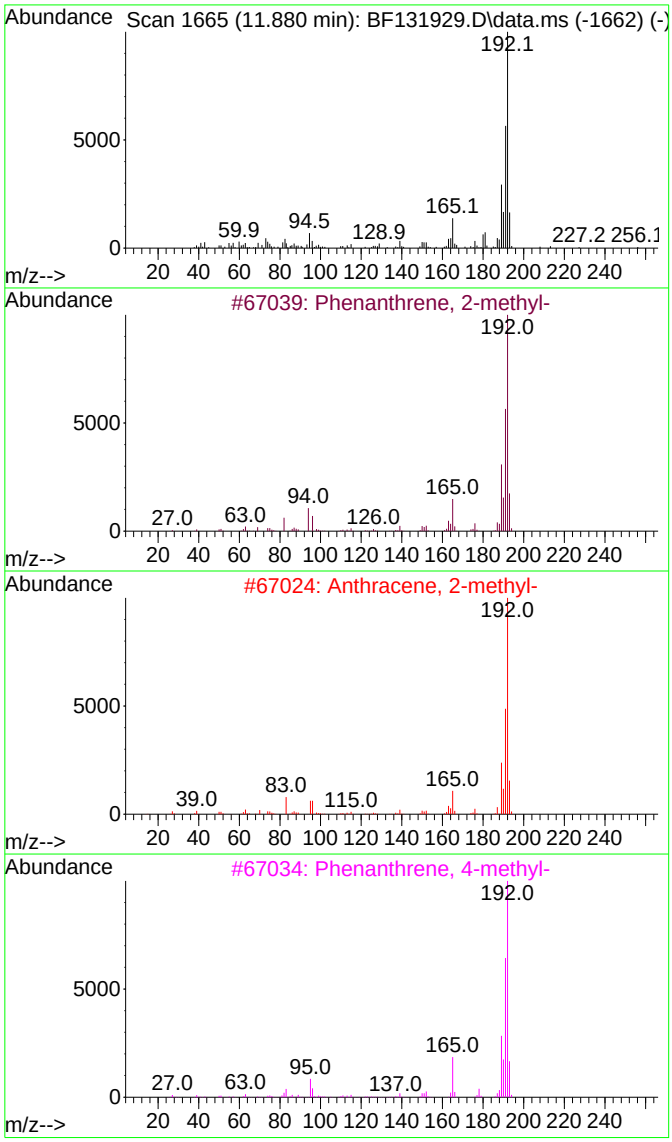
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

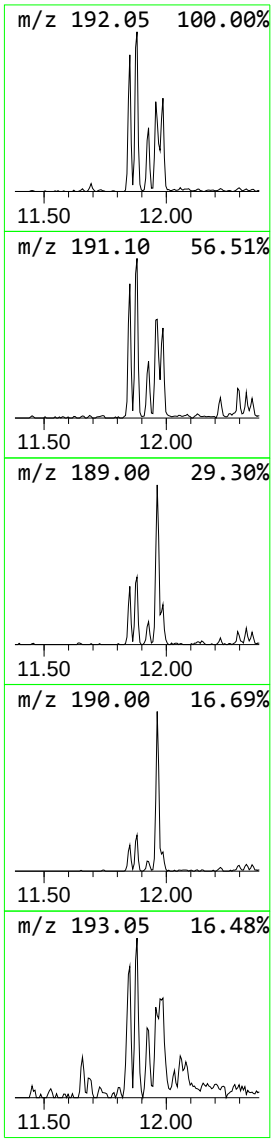
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	5.29 ng	158378	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

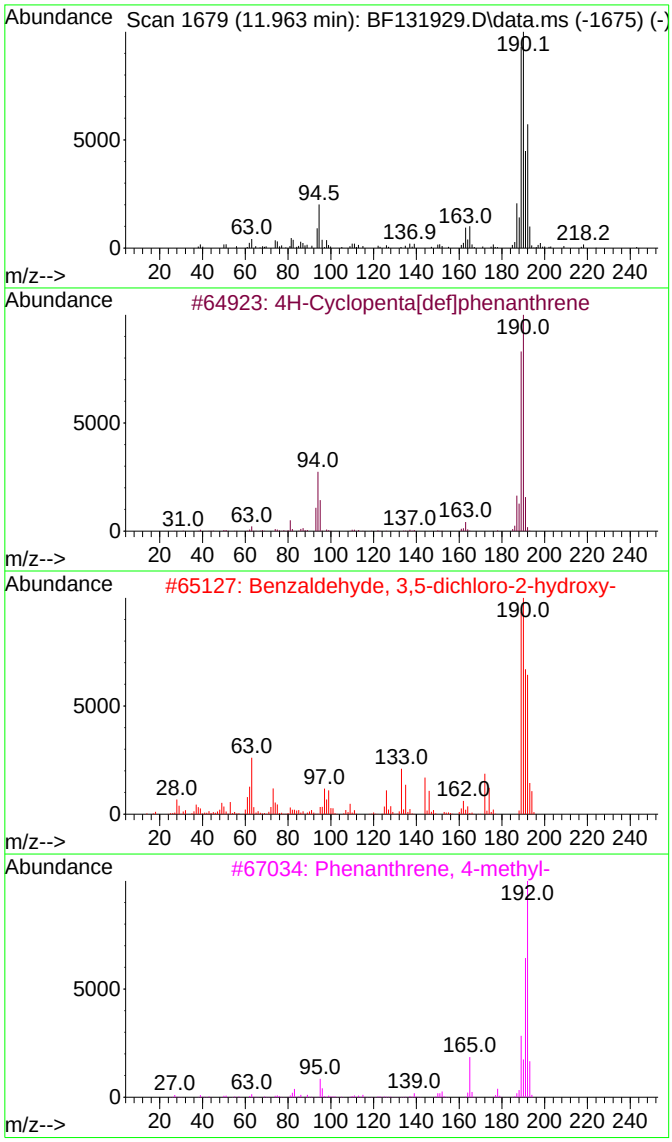
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

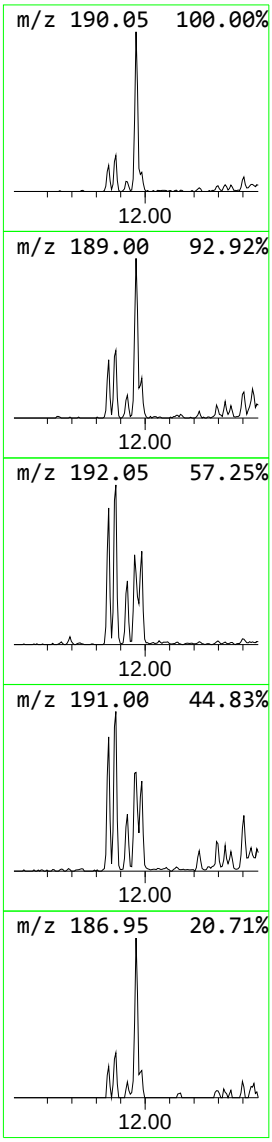
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	5.74 ng	171629	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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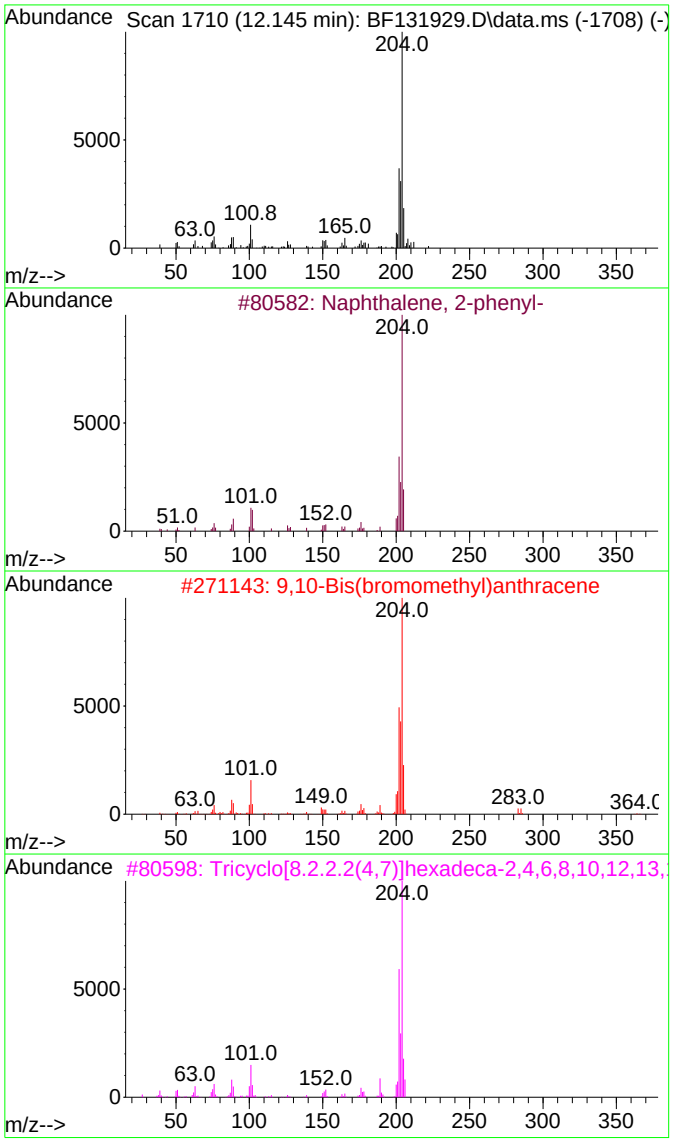
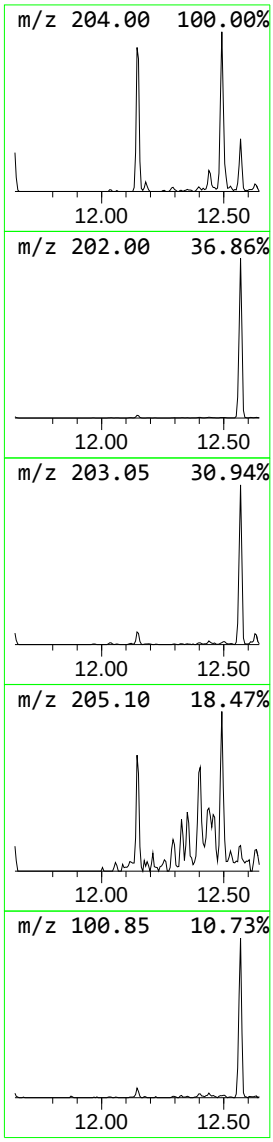
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	2.46 ng	73662	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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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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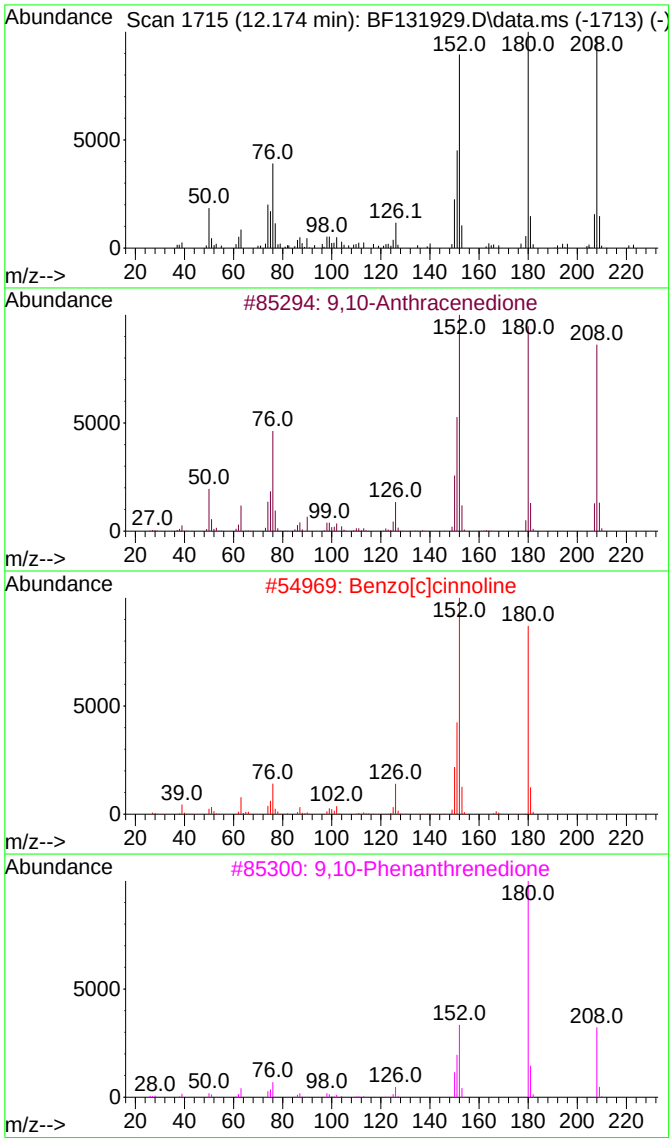
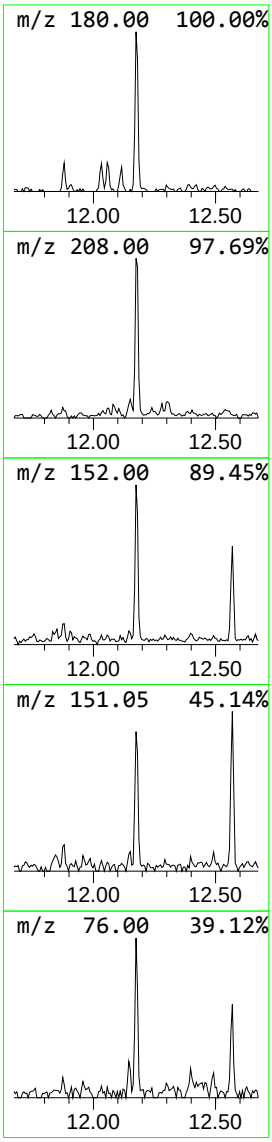
Peak Number 8 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	2.65 ng	79264	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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TIC Library : C:\Database\NIST20.L
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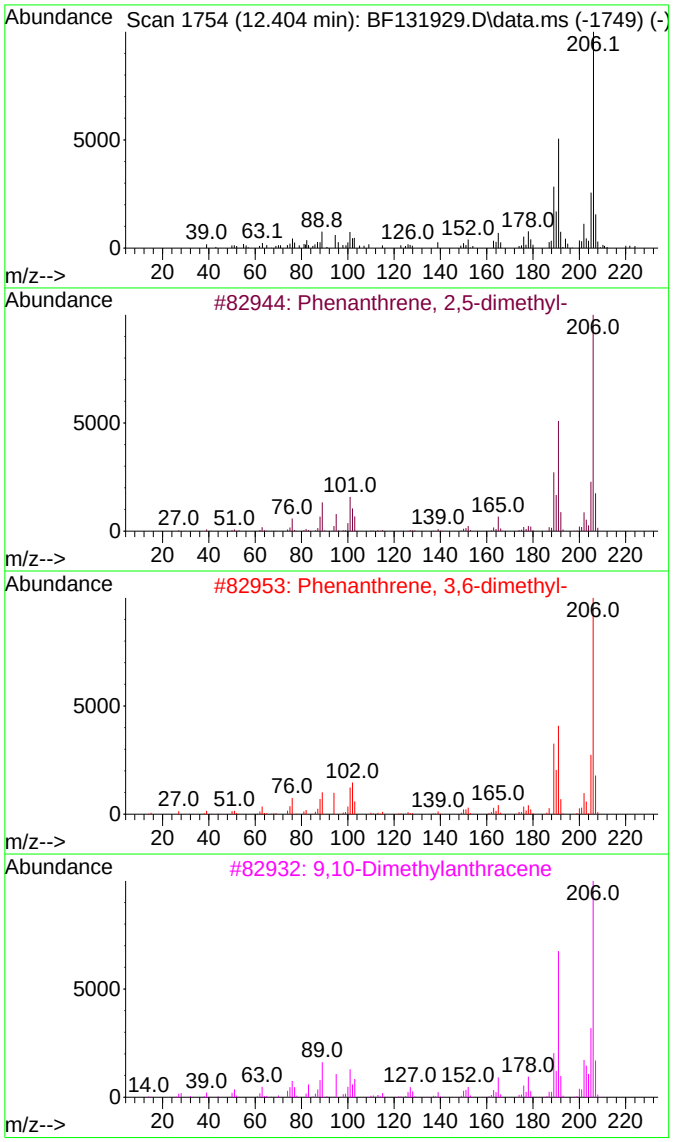
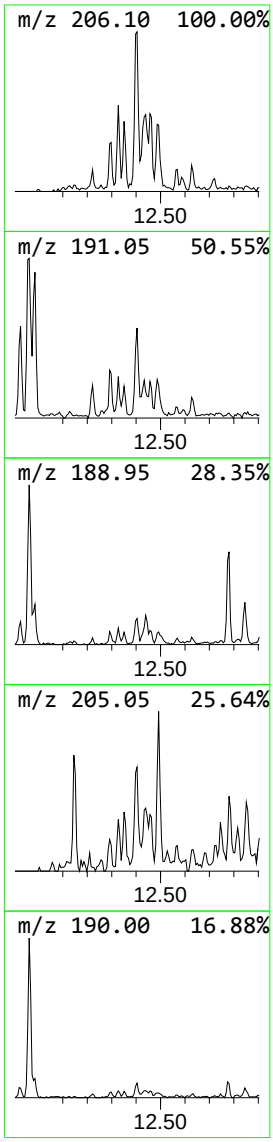
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.92 ng	87270	Phenanthrene-d10	11.345

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	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





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TIC Library : C:\Database\NIST20.L
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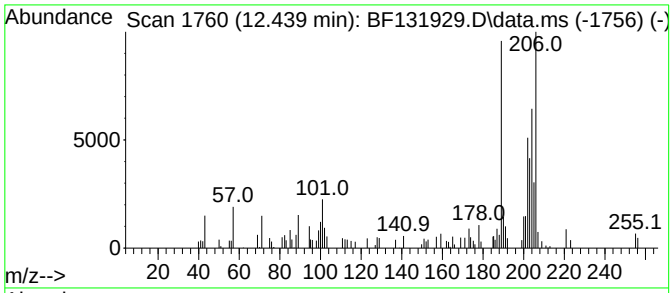
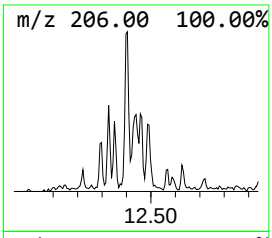
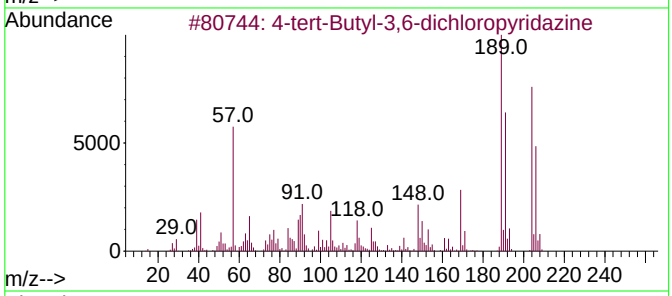
Peak Number 10 unknown12.439 Concentration Rank 19

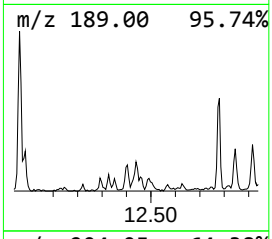
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.46 ng	73617	Phenanthrene-d10	11.345

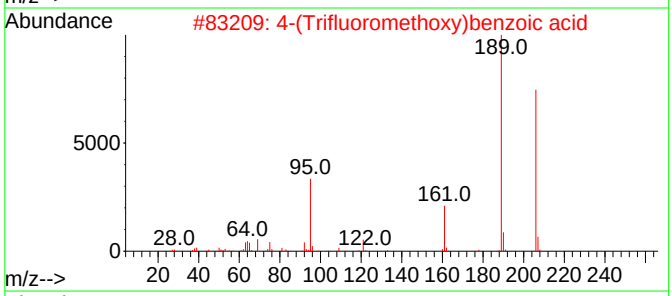
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	38
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
4	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	30
5	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	27

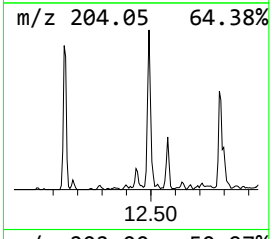


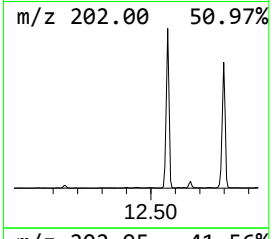


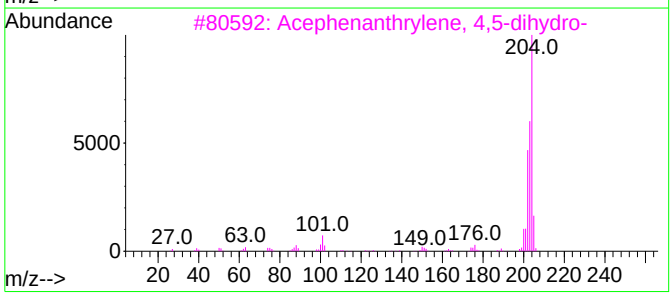


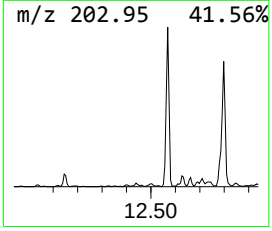












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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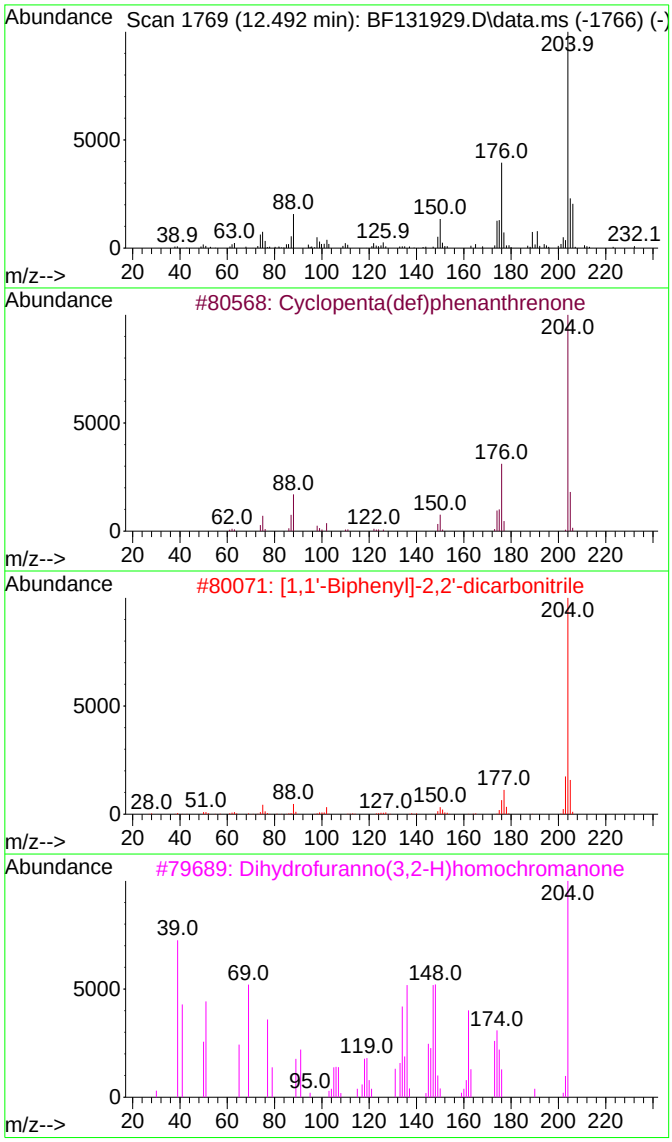
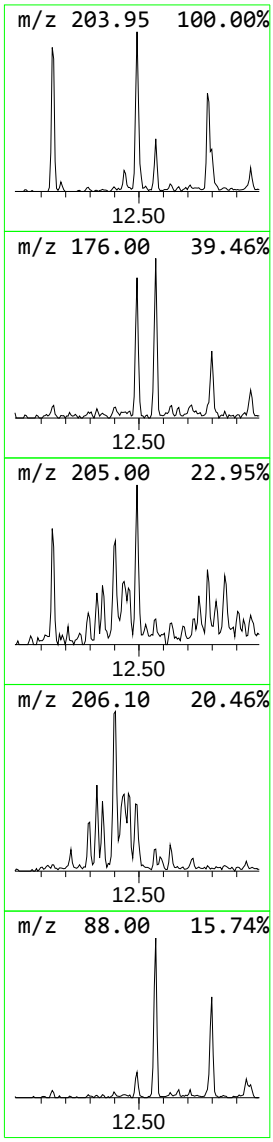
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	3.70 ng	110788	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





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

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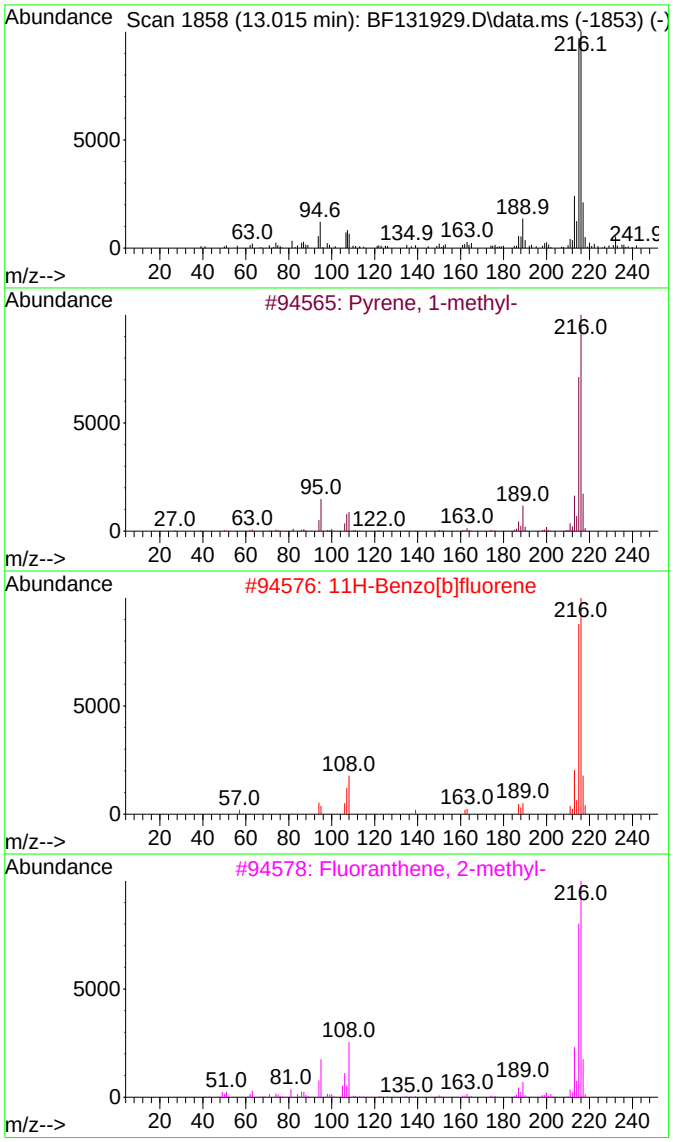
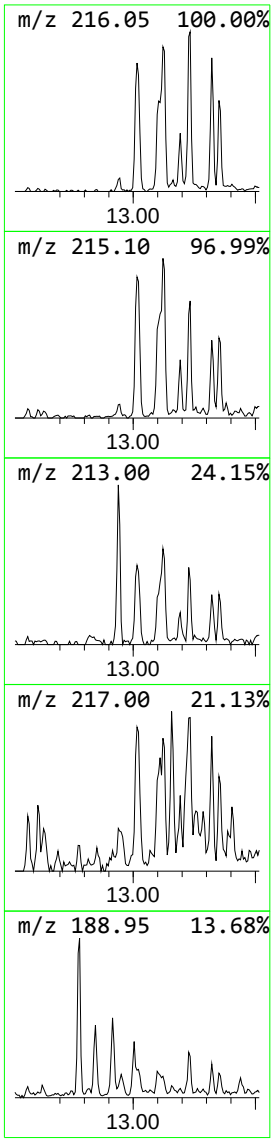
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.015	3.10 ng	142213	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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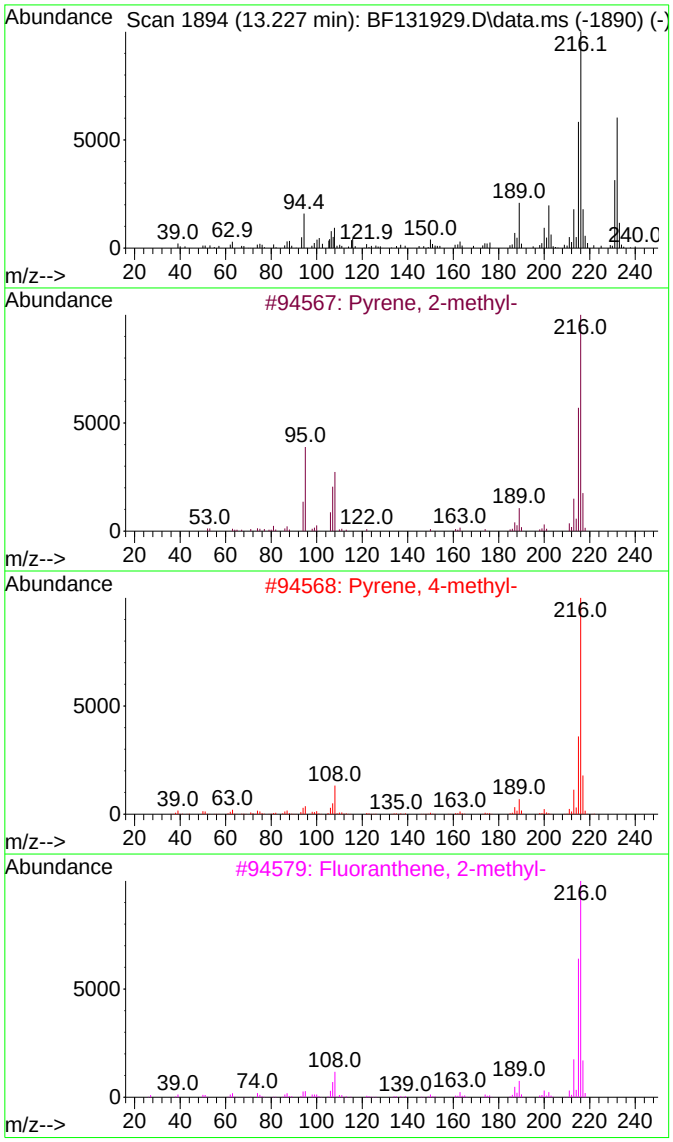
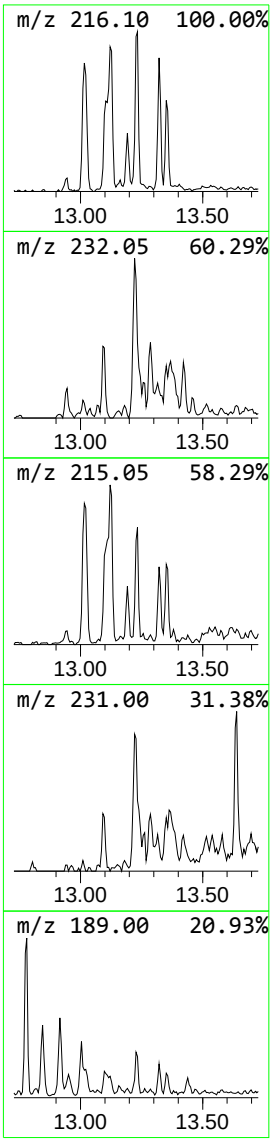
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.74 ng	125779	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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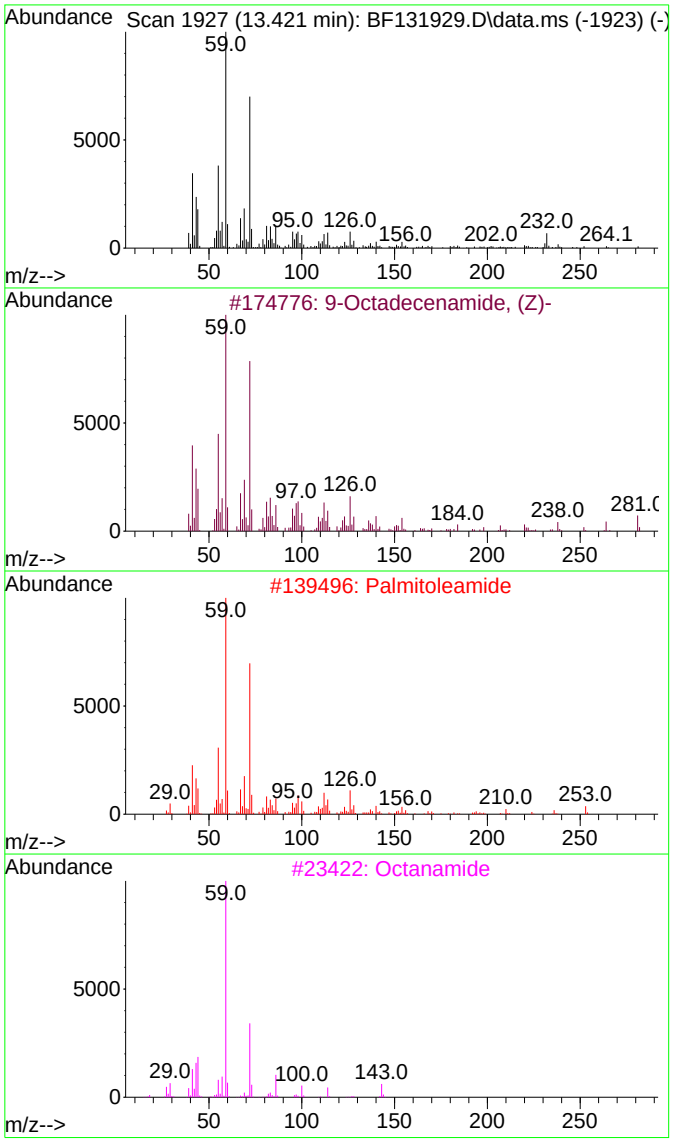
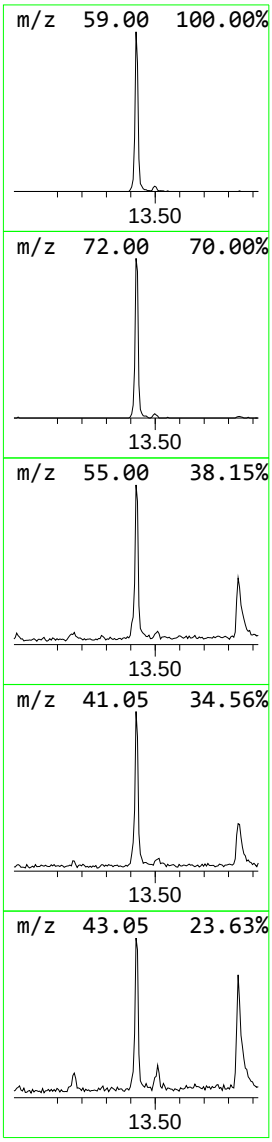
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.421	7.10 ng	325461	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	Octanamide	143	C8H17NO	000629-01-6	59
4	7-Nonenamide	155	C9H17NO	090949-53-4	50
5	Hydrazine, 1,1-dimethyl-2-(1-met...	130	C7H18N2	075267-97-9	43





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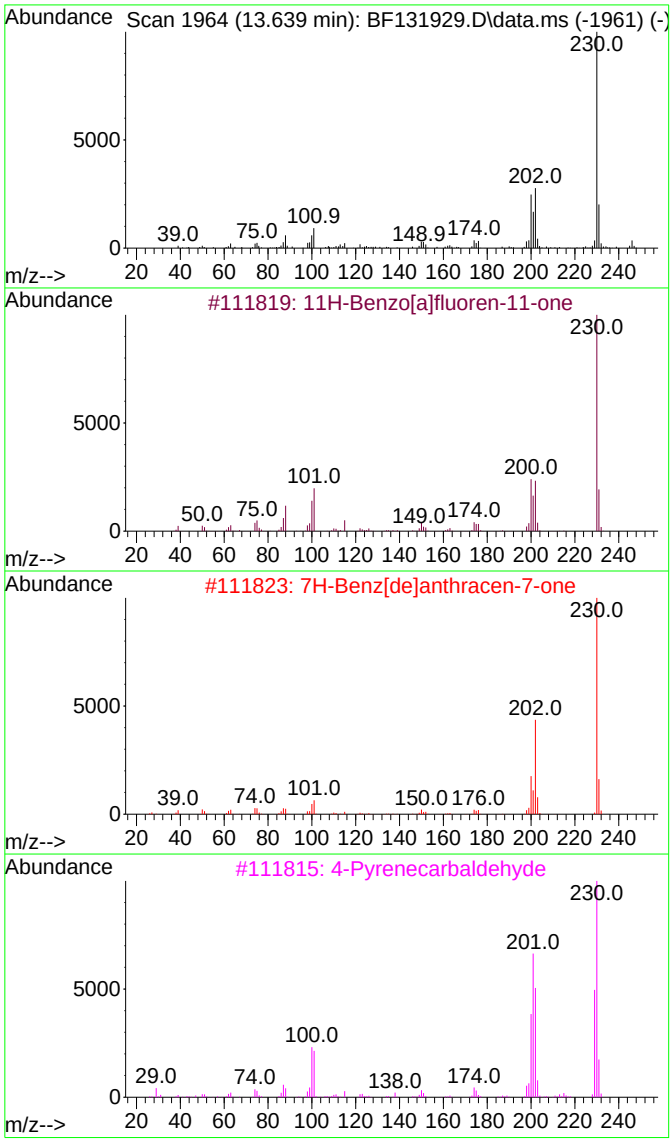
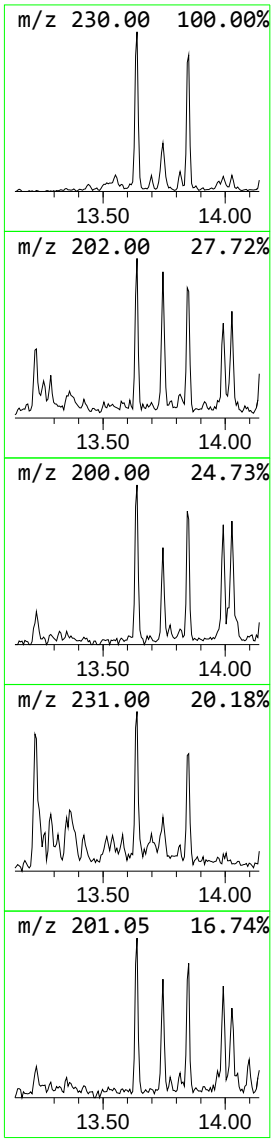
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.639	2.42 ng	111120	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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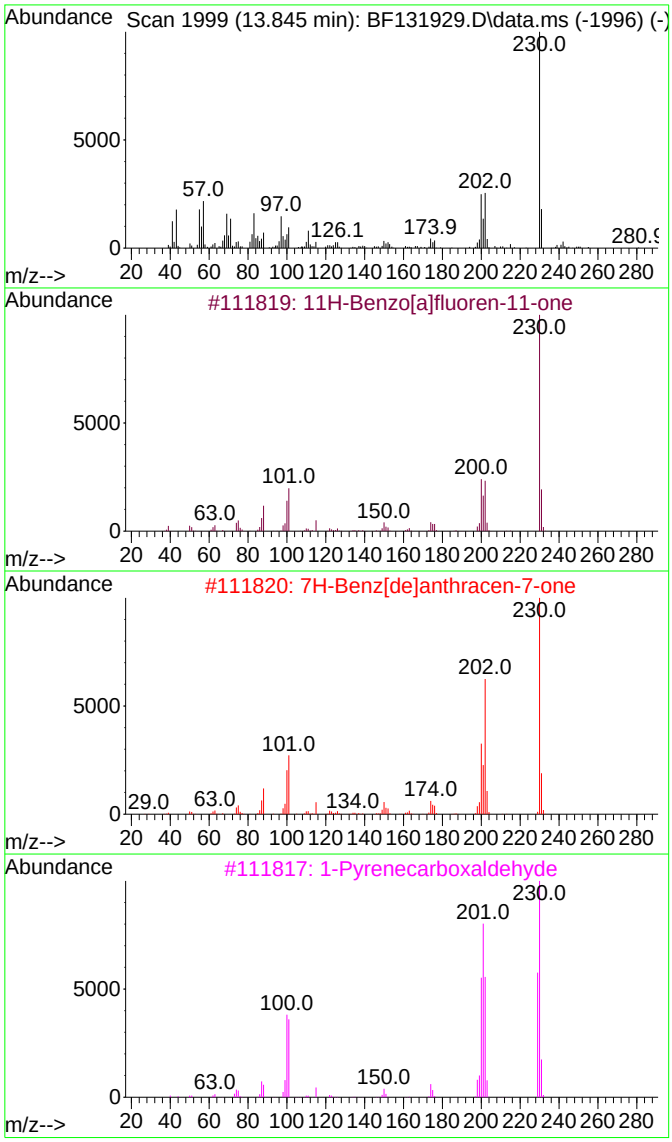
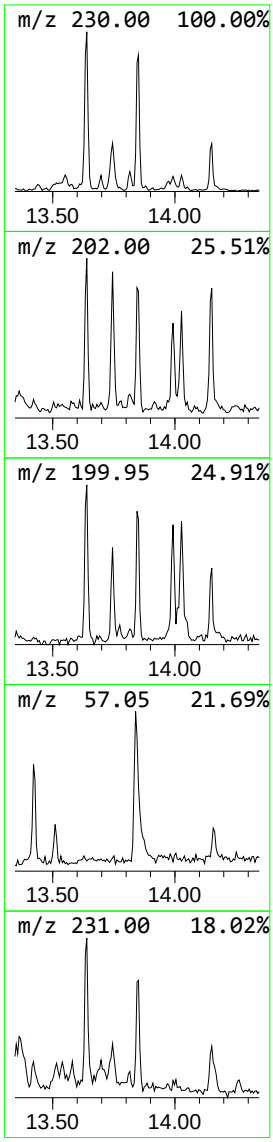
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	4.78 ng	219077	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	62
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53





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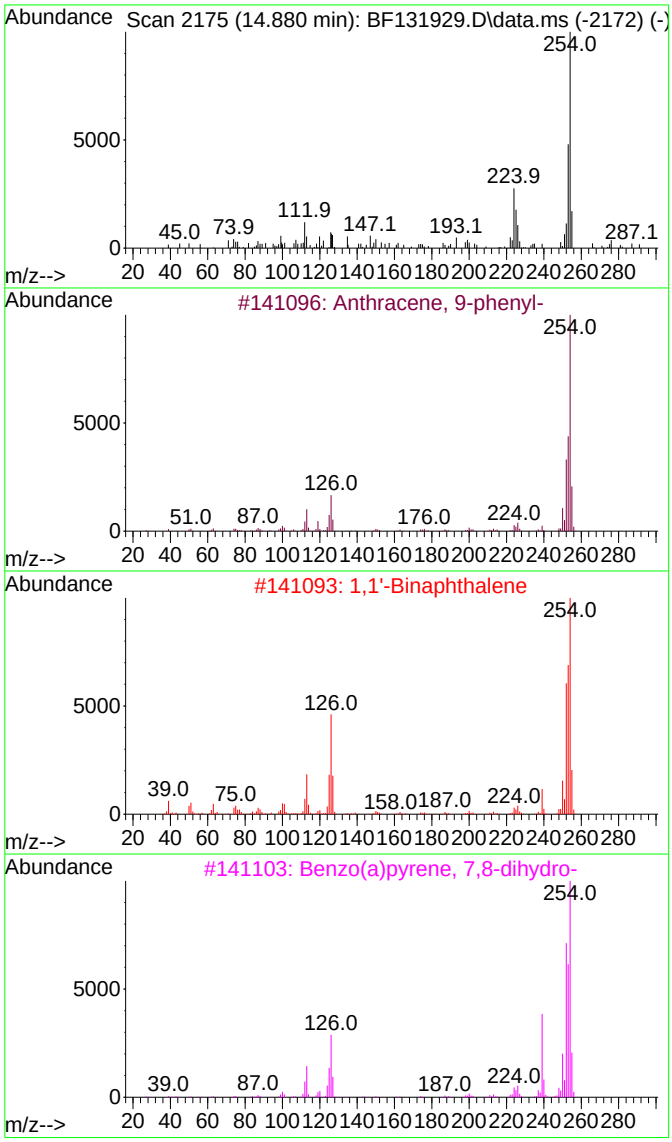
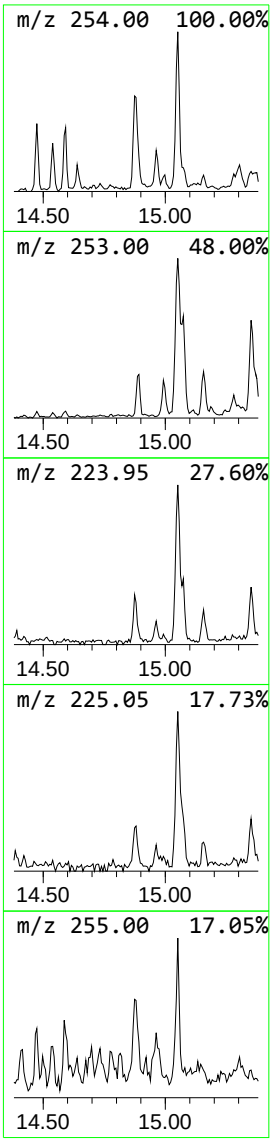
Peak Number 17 Anthracene, 9-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	3.79 ng	81407	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	74
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	62
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	53
4	trans-4'-(Methylthio)chalcone	254	C16H14OS	017129-07-6	53
5	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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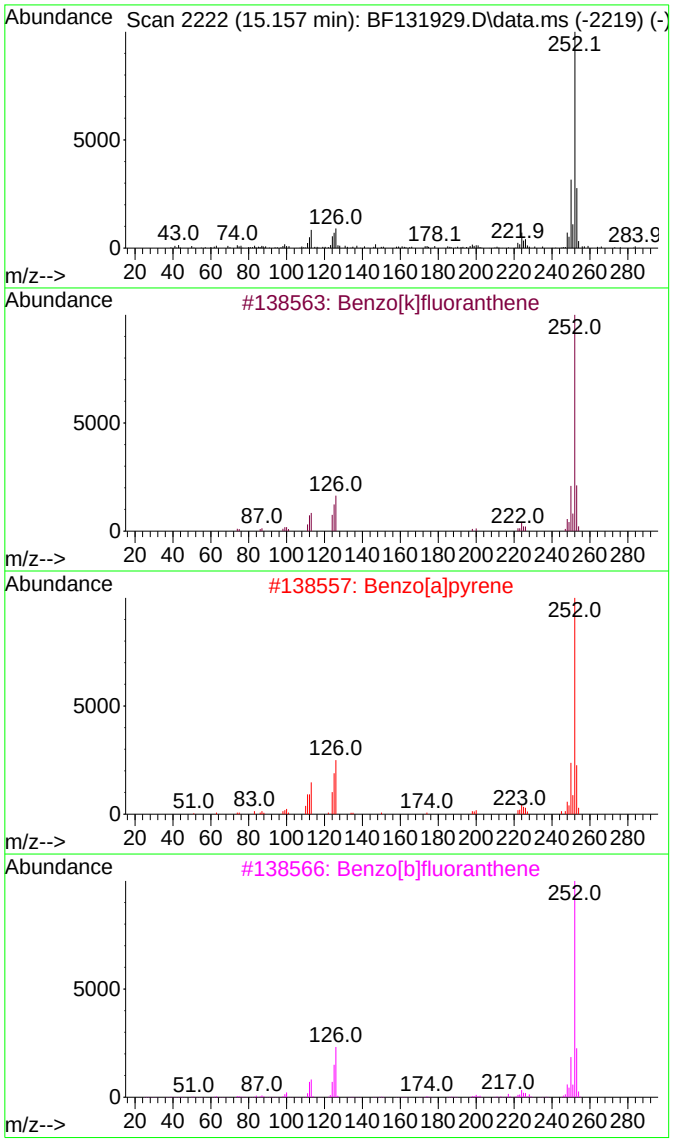
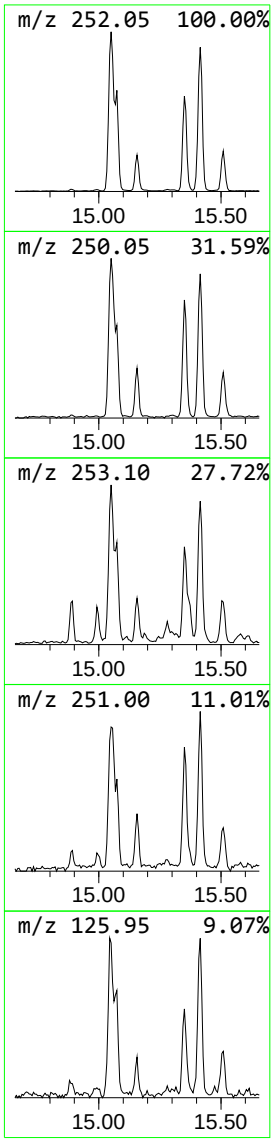
Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	4.28 ng	91814	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	87
5	Perylene	252	C20H12	000198-55-0	76





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Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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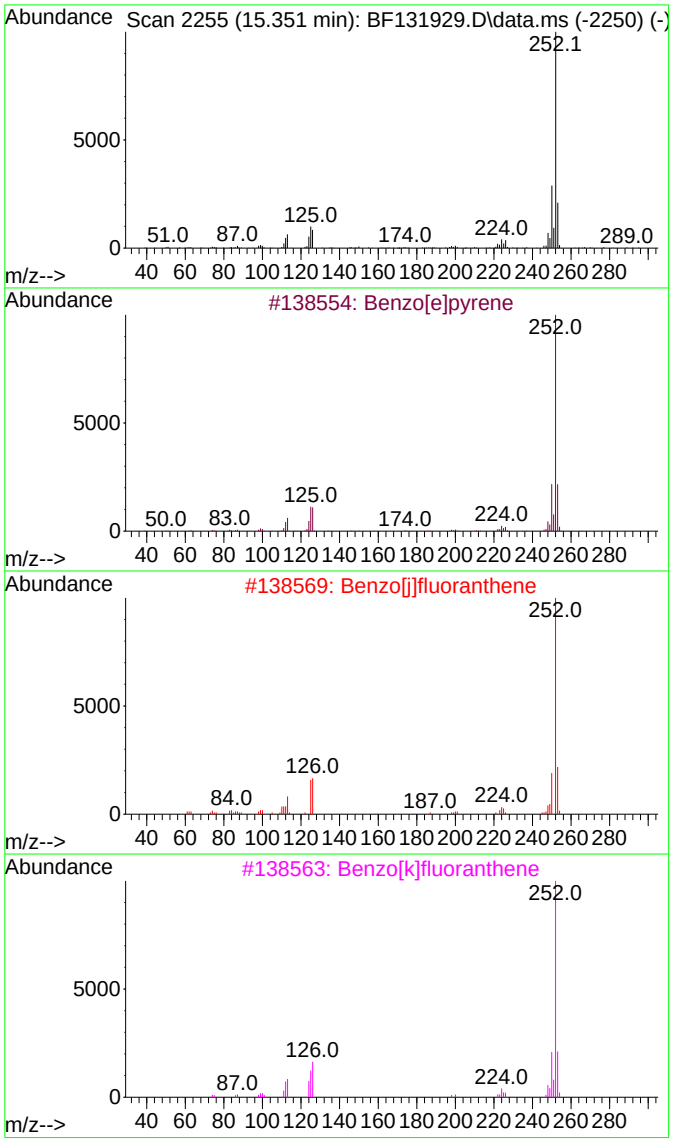
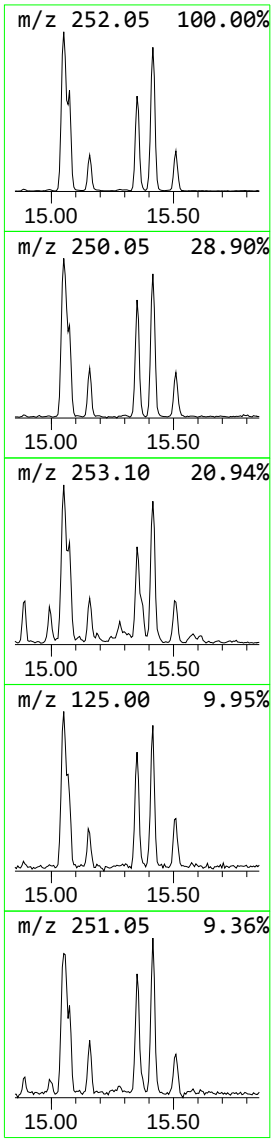
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	14.11 ng	302814	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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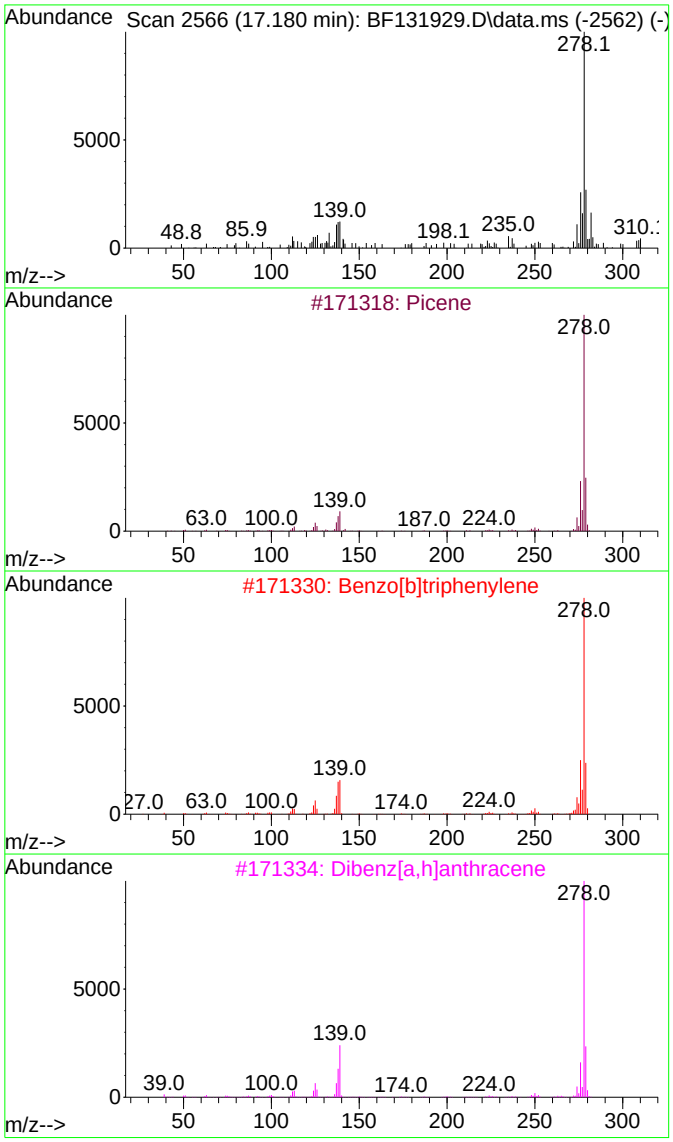
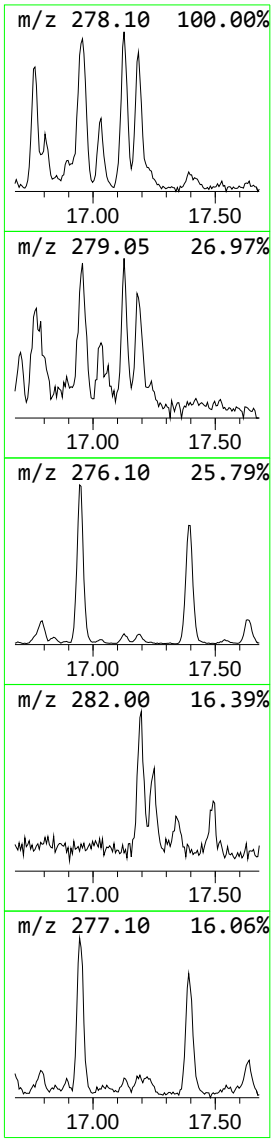
Peak Number 20 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	2.59 ng	55661	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	91
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	70
5	Pentaphene	278	C22H14	000222-93-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131929.D
Acq On : 05 Jan 2023 22:44
Operator : CG\JU
Sample : 01030-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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-...	4.998	31.0	ng	644504	1	6.798	415315	20.0
Benzophenone	10.569	5.3	ng	161102	3	9.851	613361	20.0
Phenanthrene, 1...	11.851	3.7	ng	111534	4	11.345	598246	20.0
Phenanthrene, 2...	11.880	5.3	ng	158378	4	11.345	598246	20.0
4H-Cyclopenta[d...	11.963	5.7	ng	171629	4	11.345	598246	20.0
Naphthalene, 2-...	12.145	2.5	ng	73662	4	11.345	598246	20.0
9,10-Anthracene...	12.174	2.6	ng	79264	4	11.345	598246	20.0
Phenanthrene, 2...	12.404	2.9	ng	87270	4	11.345	598246	20.0
unknown12.439	12.439	2.5	ng	73617	4	11.345	598246	20.0
Cyclopenta(def)...	12.492	3.7	ng	110788	4	11.345	598246	20.0
Pyrene, 1-methyl-	13.015	3.1	ng	142213	5	14.004	917422	20.0
Pyrene, 2-methyl-	13.227	2.7	ng	125779	5	14.004	917422	20.0
9-Octadecenamid...	13.421	7.1	ng	325461	5	14.004	917422	20.0
11H-Benzo[a]flu...	13.639	2.4	ng	111120	5	14.004	917422	20.0
7H-Benz[de]anth...	13.845	4.8	ng	219077	5	14.004	917422	20.0
Anthracene, 9-p...	14.880	3.8	ng	81407	6	15.480	429120	20.0
Benzo[e]pyrene	15.156	4.3	ng	91814	6	15.480	429120	20.0
Benzo[j]fluoran...	15.351	14.1	ng	302814	6	15.480	429120	20.0
Picene	17.180	2.6	ng	55661	6	15.480	429120	20.0