LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.993	286	290	296	rVB	20261	25274	1.26%	0.103%
2	5.128	478	483	494	rVB2	40669	62949	3.13%	0.255%
3	5.516	545	549	552	rBV	1910482	1728200	85.84%	7.013%
4	6.522	715	720	723	rBV	1853251	1829840	90.89%	7.426%
5	6.716	750	753	756	rBV2	26890	27890	1.39%	0.113%
6	6.892	779	783	786	rBV	593828	498851	24.78%	2.024%
7	7.457	874	879	882	rBV	1383394	1270556	63.11%	5.156%
8	8.175	997	1001	1003	rBV	739285	640313	31.81%	2.599%
9	8.192	1003	1004	1007	rVB	127842	89637	4.45%	0.364%
10	8.457	1042	1049	1055	rBV5	14491	25247	1.25%	0.102%
11	8.581	1067	1070	1072	rBV	37092	27934	1.39%	0.113%
12	8.751	1095	1099	1104	rBV	34348	32004	1.59%	0.130%
13	8.886	1119	1122	1125	rBV	58199	49033	2.44%	0.199%
14	8.986	1135	1139	1142	rBV	32147	26690	1.33%	0.108%
15	9.251	1178	1184	1187	rBV	2246997	2013243	100.00%	8.170%
16	9.316	1192	1195	1198	rVV	47328	44683	2.22%	0.181%
17	9.516	1225	1229	1232	rVB3	20368	25665	1.27%	0.104%
18	9.586	1238	1241	1244	rBV	36935	42941	2.13%	0.174%
19	9.633	1247	1249	1251	rVV2	28762	30977	1.54%	0.126%
20	9.651	1251	1252	1257	rVB2	23214	25181	1.25%	0.102%
21	9.792	1272	1276	1279	rBV	167889	146681	7.29%	0.595%
22	9.845	1281	1285	1288	rVB3	31048	47606	2.36%	0.193%
23	9.933	1293	1300	1303	rVV	789941	731529	36.34%	2.969%
24	9.963	1303	1305	1308	rVB2	37534	34435	1.71%	0.140%
25	10.033	1314	1317	1321	rBV4	16111	26809	1.33%	0.109%
26	10.133	1331	1334	1338	rVV2	44106	42363	2.10%	0.172%
27	10.169	1338	1340	1344	rVB2	33261	26864	1.33%	0.109%
28	10.245	1349	1353	1355	rBV2	41636	51066	2.54%	0.207%
29	10.333	1364	1368	1370	rBV3	59857	72780	3.62%	0.295%
30	10.386	1374	1377	1379	rBV	33561	34738	1.73%	0.141%
31	10.480	1389	1393	1398	rBV4	28594	53060	2.64%	0.215%
32	10.722	1430	1434	1438	rBV	1376440	1218796	60.54%	4.946%
33	10.839	1449	1454	1461	rVB4	67395	133147	6.61%	0.540%
34	10.892	1461	1463	1465	rBV3	20236	21708	1.08%	0.088%
35	11.157	1505	1508	1509	rBV2	27510	28293	1.41%	0.115%
36	11.227	1517	1520	1523	rBV2	56139	46606	2.31%	0.189%

LSC Area Percent Report

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Sample : N2749-13
Misc :
ALS Vial : 21 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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.274	1525	1528	1530	rVB2	38621	38729	1.92%	0.157%
38	11.422	1550	1553	1555	rBV	763312	656300	32.60%	2.663%
39	11.445	1555	1557	1562	rVB	301142	240096	11.93%	0.974%
40	11.498	1563	1566	1568	rBV	110932	82978	4.12%	0.337%
41	11.521	1568	1570	1575	rVV4	26374	41153	2.04%	0.167%
42	11.651	1590	1592	1597	rBV3	34824	58534	2.91%	0.238%
43	11.698	1598	1600	1602	rVB2	47012	33090	1.64%	0.134%
44	11.921	1636	1638	1640	rBV	86390	81894	4.07%	0.332%
45	11.951	1641	1643	1646	rVB	153296	126985	6.31%	0.515%
46	11.998	1649	1651	1654	rVB	55865	45060	2.24%	0.183%
47	12.033	1654	1657	1660	rBV2	127808	147909	7.35%	0.600%
48	12.110	1667	1670	1672	rBV	43259	36389	1.81%	0.148%
49	12.221	1686	1689	1691	rBV	75283	66419	3.30%	0.270%
50	12.251	1691	1694	1696	rVB2	54447	50576	2.51%	0.205%
51	12.398	1717	1719	1721	rBV	40404	29957	1.49%	0.122%
52	12.474	1729	1732	1734	rBV	124506	117546	5.84%	0.477%
53	12.563	1744	1747	1752	rVB2	101976	106631	5.30%	0.433%
54	12.639	1757	1760	1764	rVB	836574	726137	36.07%	2.947%
55	12.680	1765	1767	1769	rVB	37704	25719	1.28%	0.104%
56	12.733	1774	1776	1778	rBV	98056	76755	3.81%	0.311%
57	12.851	1793	1796	1797	rBV	142777	131532	6.53%	0.534%
58	12.868	1797	1799	1805	rVV	793752	789260	39.20%	3.203%
59	12.921	1805	1808	1811	rVB2	79844	88441	4.39%	0.359%
60	13.010	1819	1823	1826	rBV	1664204	1369595	68.03%	5.558%
61	13.080	1832	1835	1843	rVB4	108719	162860	8.09%	0.661%
62	13.174	1847	1851	1852	rBV2	101676	115344	5.73%	0.468%
63	13.198	1853	1855	1857	rVB	142294	116124	5.77%	0.471%
64	13.227	1858	1860	1863	rBV4	39789	44503	2.21%	0.181%
65	13.263	1864	1866	1868	rVV	76122	56246	2.79%	0.228%
66	13.298	1869	1872	1876	rVB2	133669	152111	7.56%	0.617%
67	13.392	1886	1888	1891	rBV	97282	73941	3.67%	0.300%
68	13.427	1891	1894	1897	rBV2	76248	72523	3.60%	0.294%
69	13.568	1916	1918	1920	rBV2	49356	47197	2.34%	0.192%
70	13.710	1939	1942	1947	rVB	130597	139002	6.90%	0.564%
71	13.815	1958	1960	1963	rBV3	59401	56103	2.79%	0.228%
72	13.845	1963	1965	1967	rVV	96861	76196	3.78%	0.309%
73	13.868	1967	1969	1974	rVV2	93906	161798	8.04%	0.657%
74	13.915	1974	1977	1985	rVB2	174469	242259	12.03%	0.983%
75	14.068	1998	2003	2006	rBV2	772459	1165407	57.89%	4.729%
76	14.098	2006	2008	2015	rVB	513921	440624	21.89%	1.788%

LSC Area Percent Report

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Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 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
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77	14.215	2026	2028	2035	rBV3	116070	102090	5.07%	0.414%
78	14.327	2045	2047	2049	rBV	38856	29095	1.45%	0.118%
79	14.415	2060	2062	2064	rBV2	50673	52071	2.59%	0.211%
80	14.457	2064	2069	2072	rVB	218917	225438	11.20%	0.915%
81	14.492	2072	2075	2078	rVB	99266	85468	4.25%	0.347%
82	14.521	2078	2080	2083	rBV2	41708	53764	2.67%	0.218%
83	14.580	2088	2090	2092	rVV2	132820	114729	5.70%	0.466%
84	14.604	2092	2094	2098	rVB3	74430	65333	3.25%	0.265%
85	14.957	2151	2154	2162	rVB2	79516	148182	7.36%	0.601%
86	15.133	2178	2184	2186	rBV	611354	940539	46.72%	3.817%
87	15.239	2198	2202	2206	rBV	182911	204433	10.15%	0.830%
88	15.439	2232	2236	2242	rVB	383193	529064	26.28%	2.147%
89	15.509	2243	2248	2252	rVV	570407	714649	35.50%	2.900%
90	15.568	2254	2258	2261	rVV	359015	469267	23.31%	1.904%
91	15.598	2261	2263	2270	rVB2	160304	246038	12.22%	0.998%
92	16.015	2330	2334	2338	rVB3	44942	74772	3.71%	0.303%
93	16.145	2354	2356	2361	rVB2	45662	48862	2.43%	0.198%
94	17.092	2510	2517	2523	rVB2	247039	478056	23.75%	1.940%
95	17.268	2543	2547	2551	rBV	48044	77690	3.86%	0.315%
96	17.327	2553	2557	2563	rVB2	52179	102027	5.07%	0.414%
97	17.551	2589	2595	2604	rVB	170736	356405	17.70%	1.446%

Sum of corrected areas: 24641484

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Misc :
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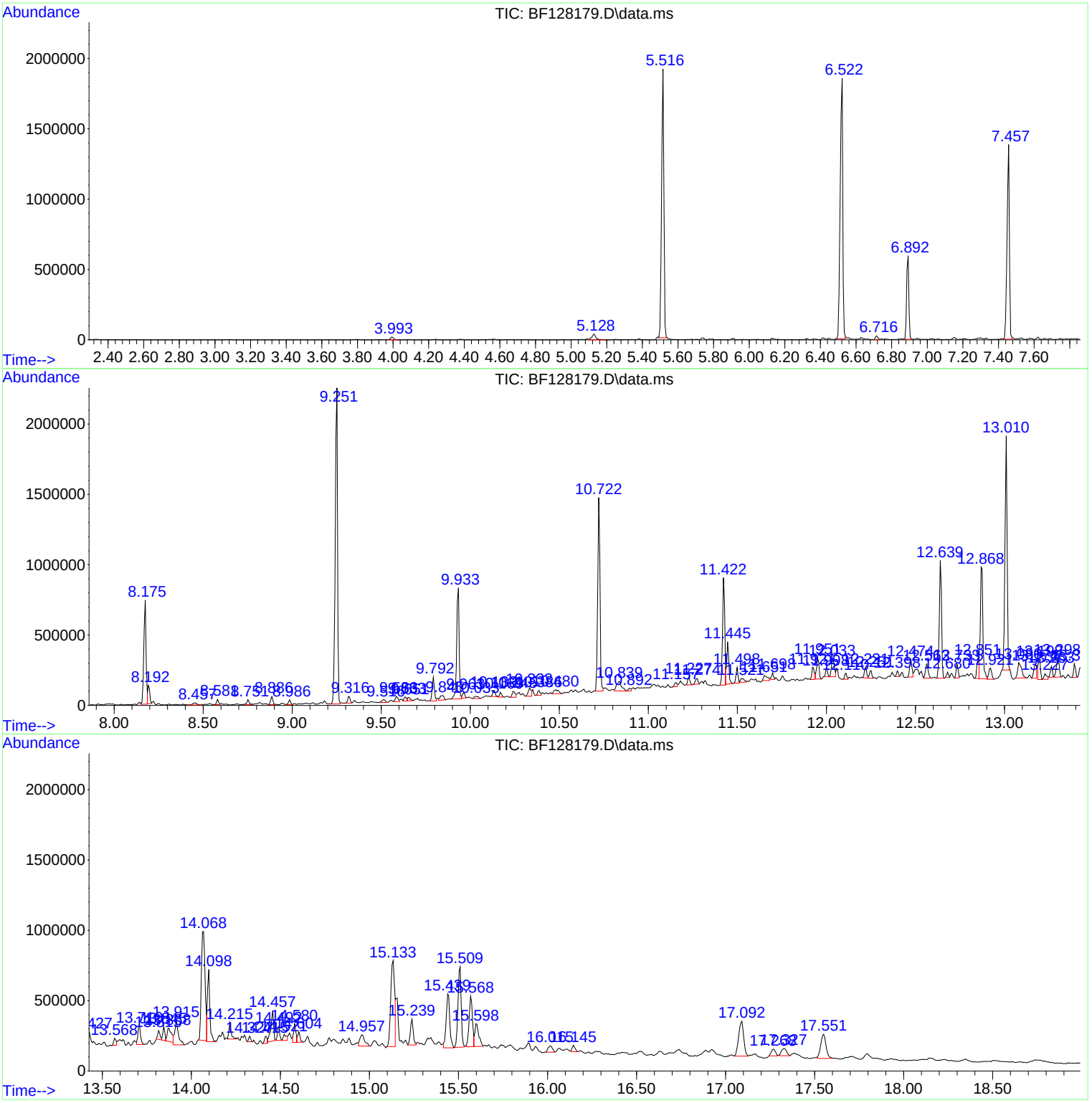
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051022\
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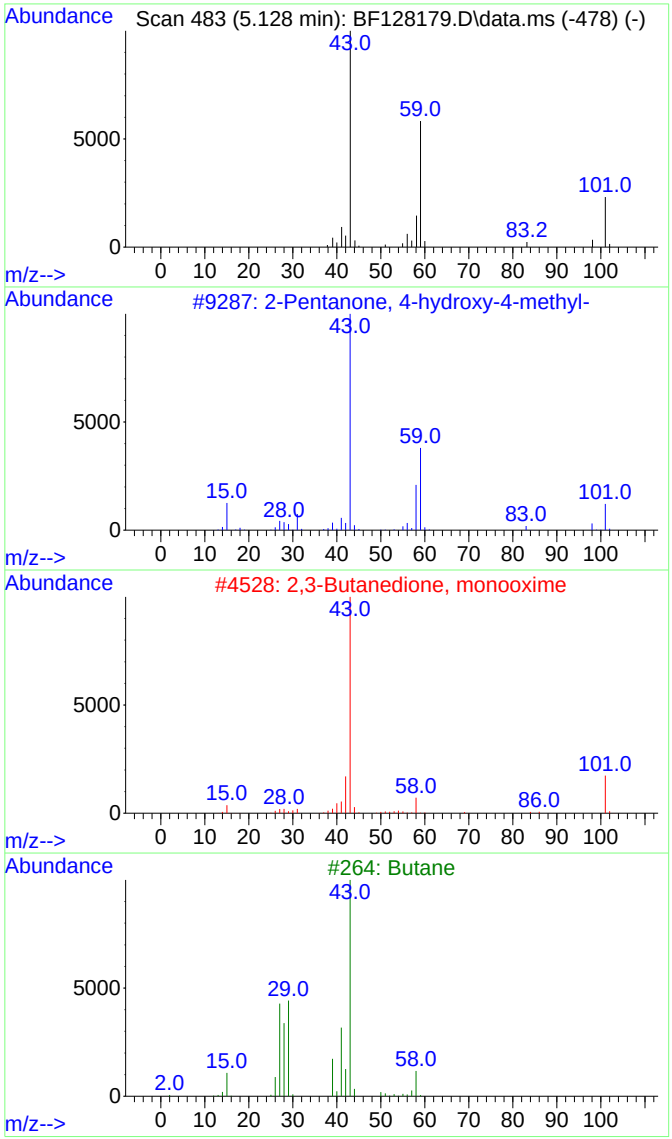
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

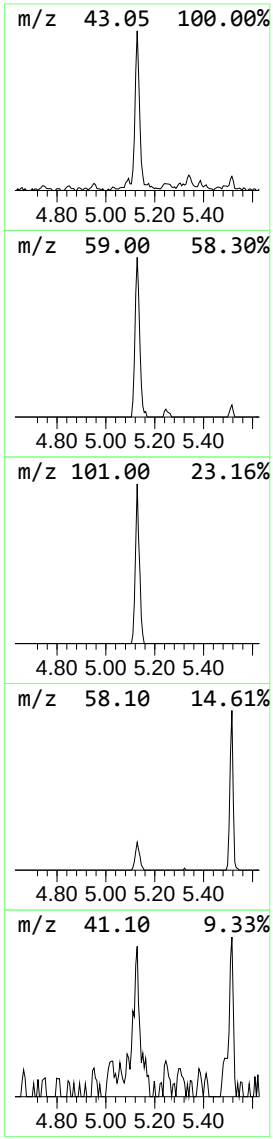
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	2.52 ng	62949	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butane	58	C4H10	000106-97-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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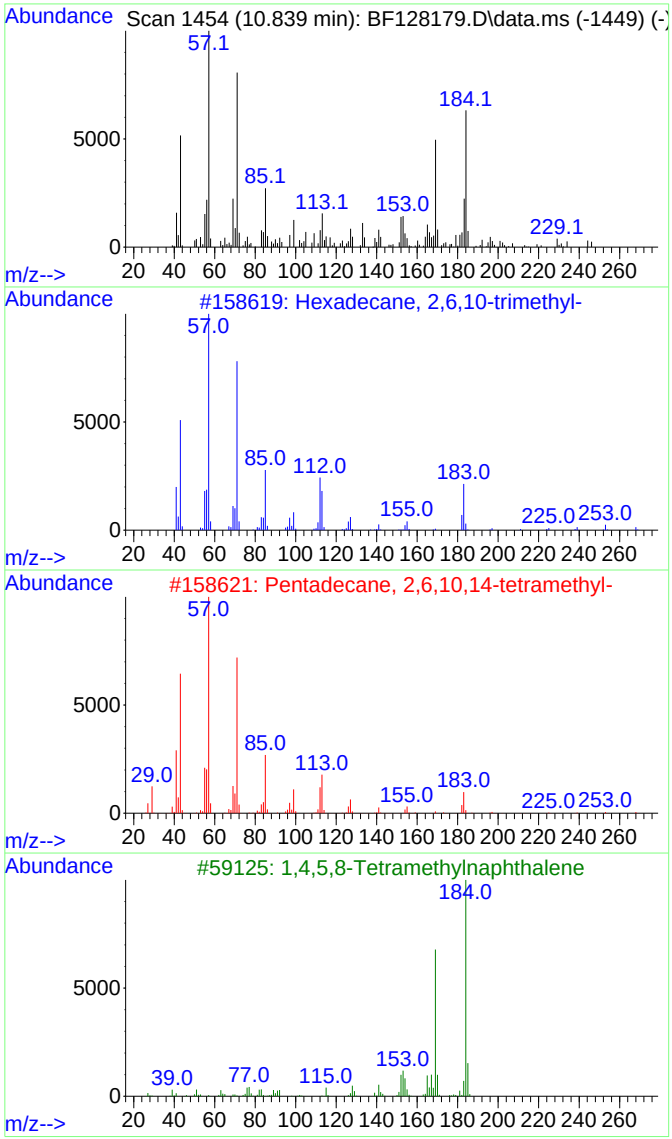
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

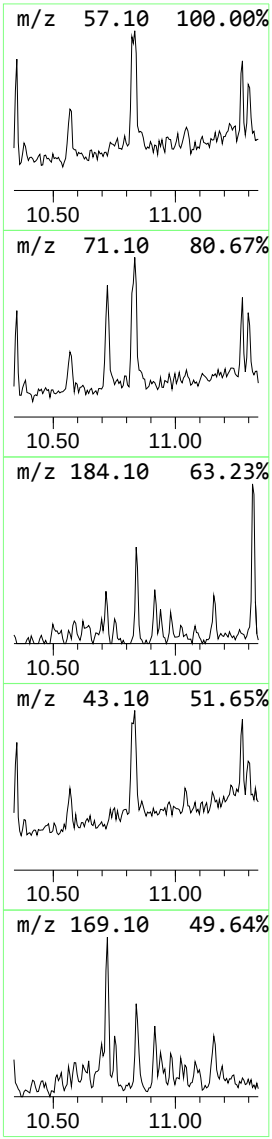
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown10.839 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	4.06 ng	133147	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	43
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	35
4	Decane, 2-methyl-	156	C11H24	006975-98-0	30
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	27





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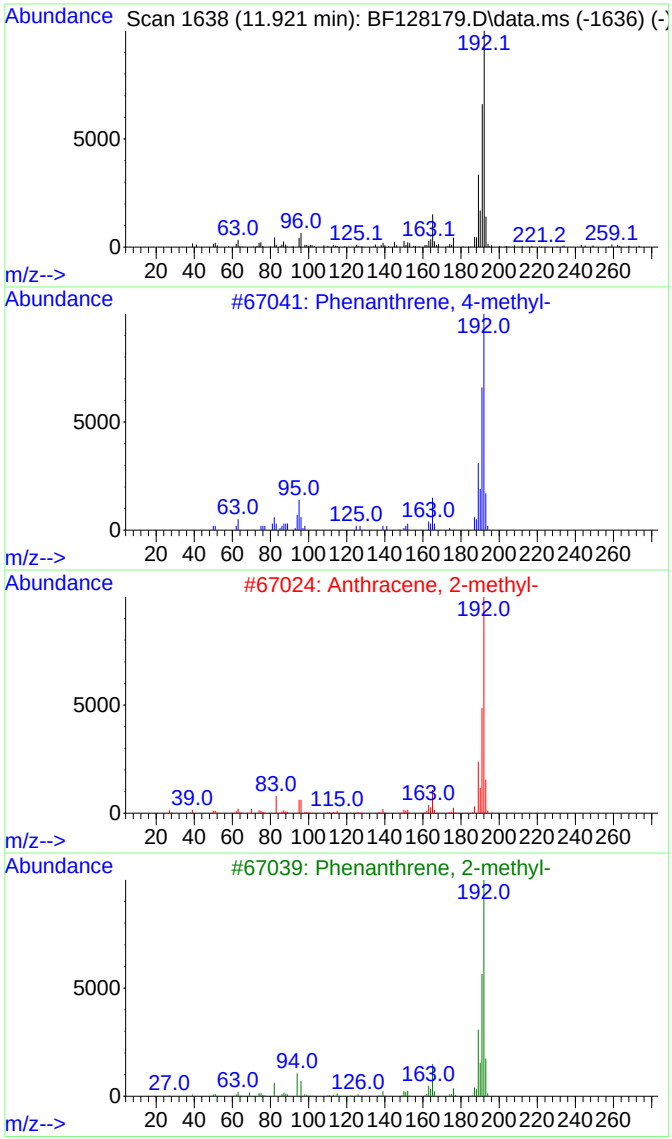
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

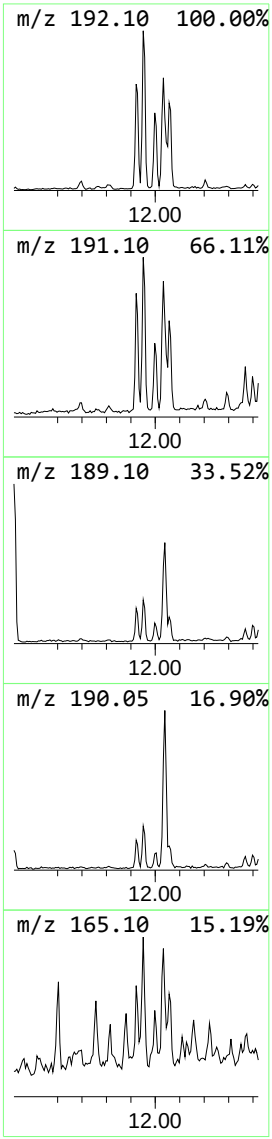
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.50 ng	81894	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

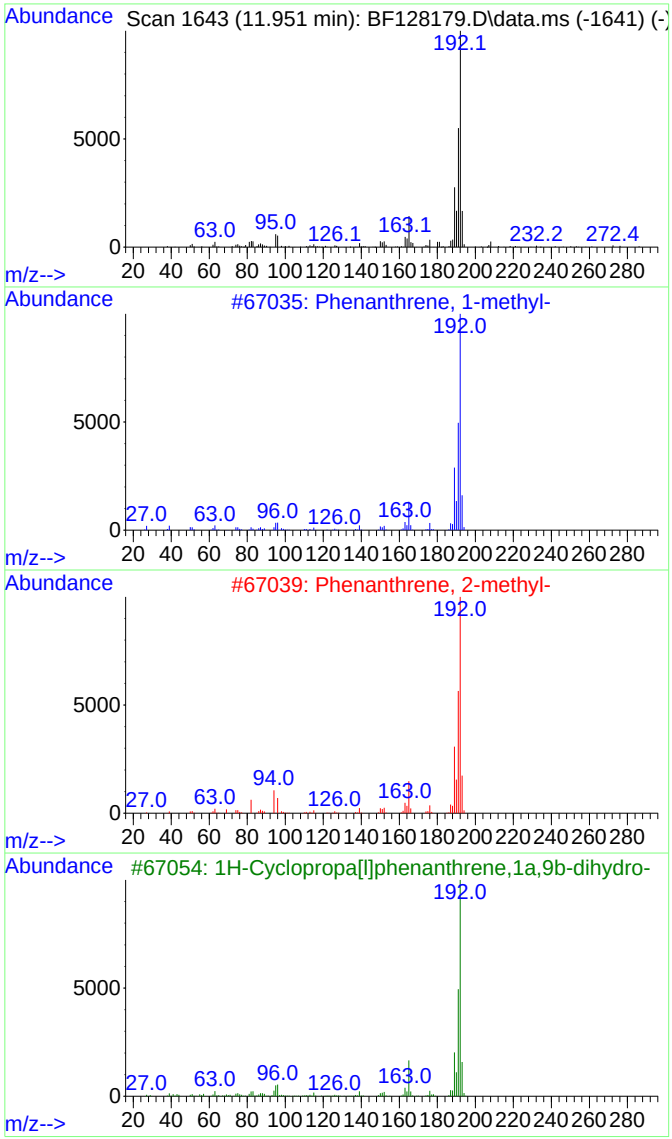
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

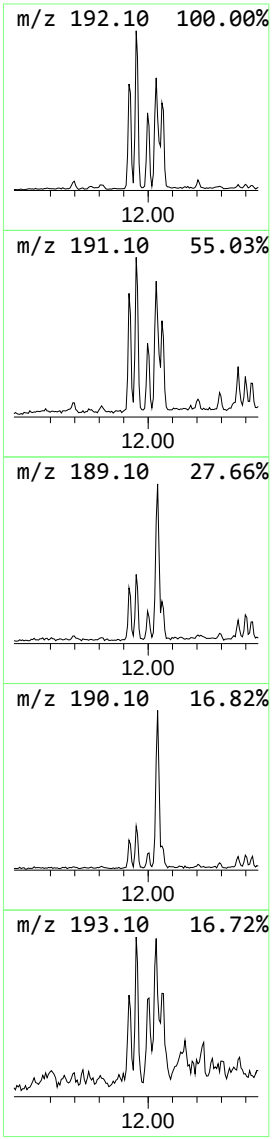
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	3.87 ng	126985	Phenanthrene-d10	11.422

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

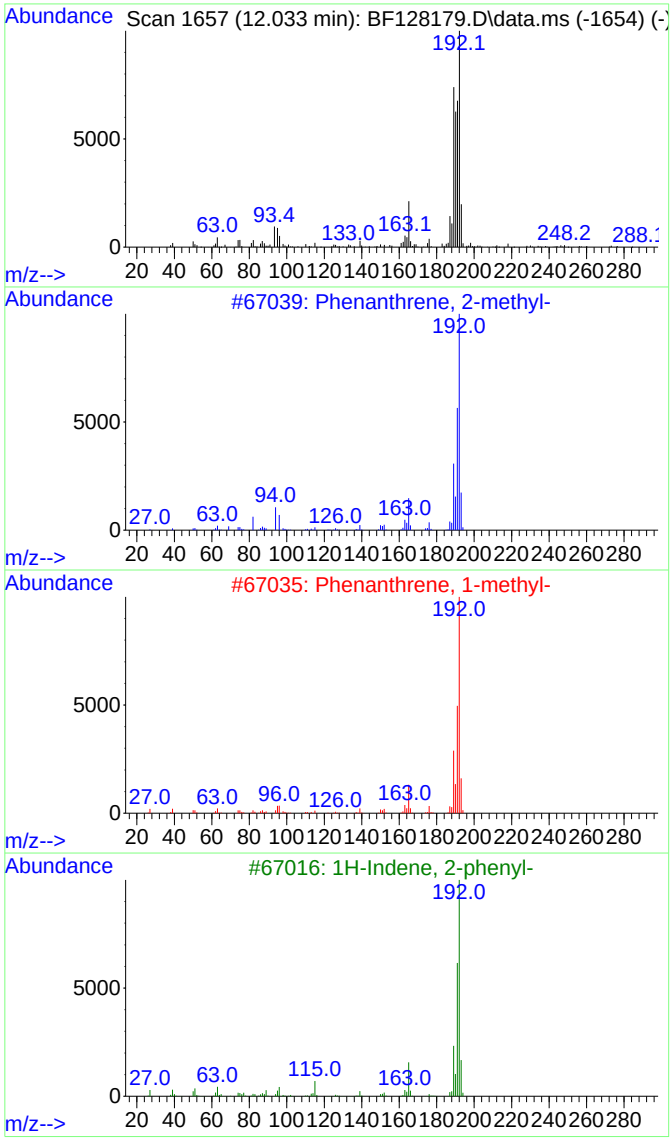
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

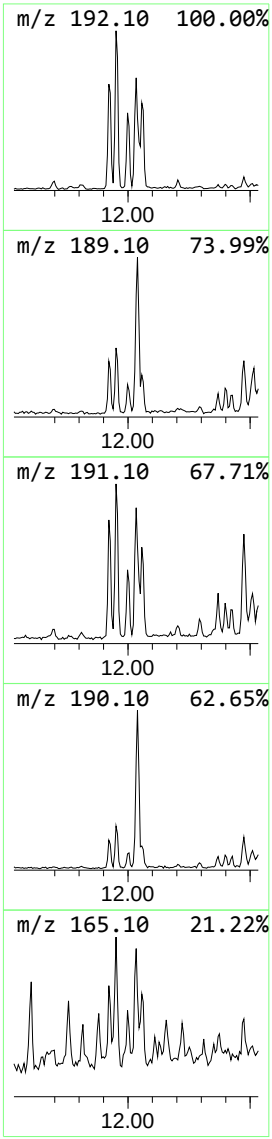
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	4.51 ng	147909	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 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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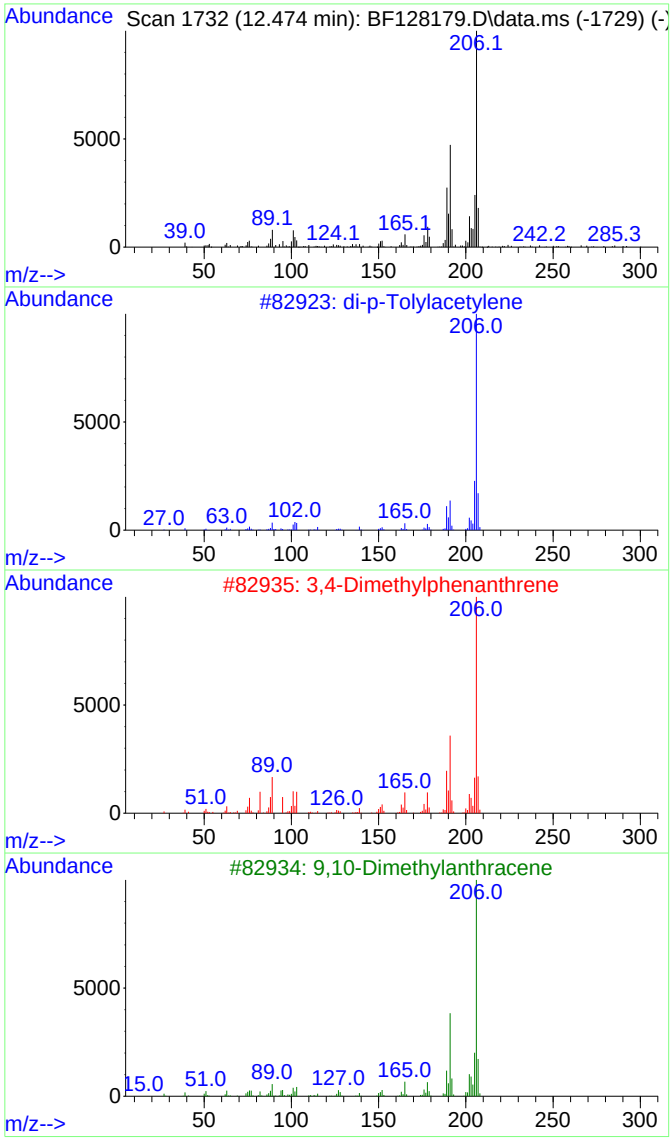
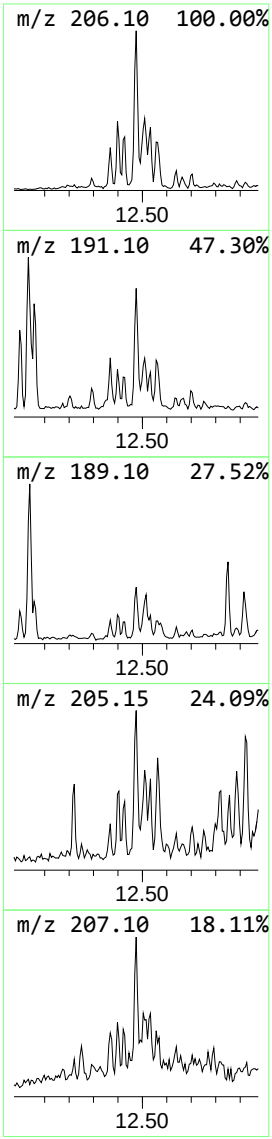
Peak Number 6 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	3.58 ng	117546	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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

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

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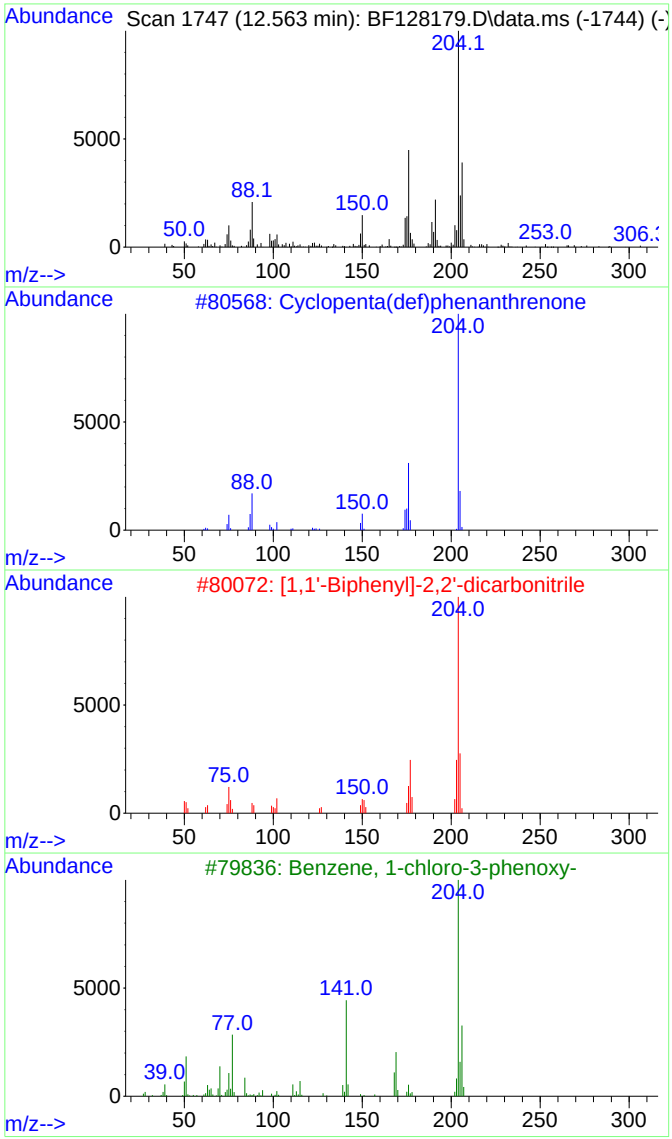
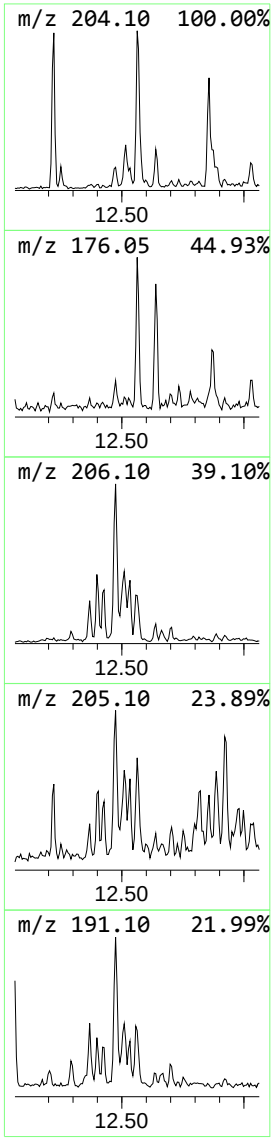
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	3.25 ng	106631	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	38
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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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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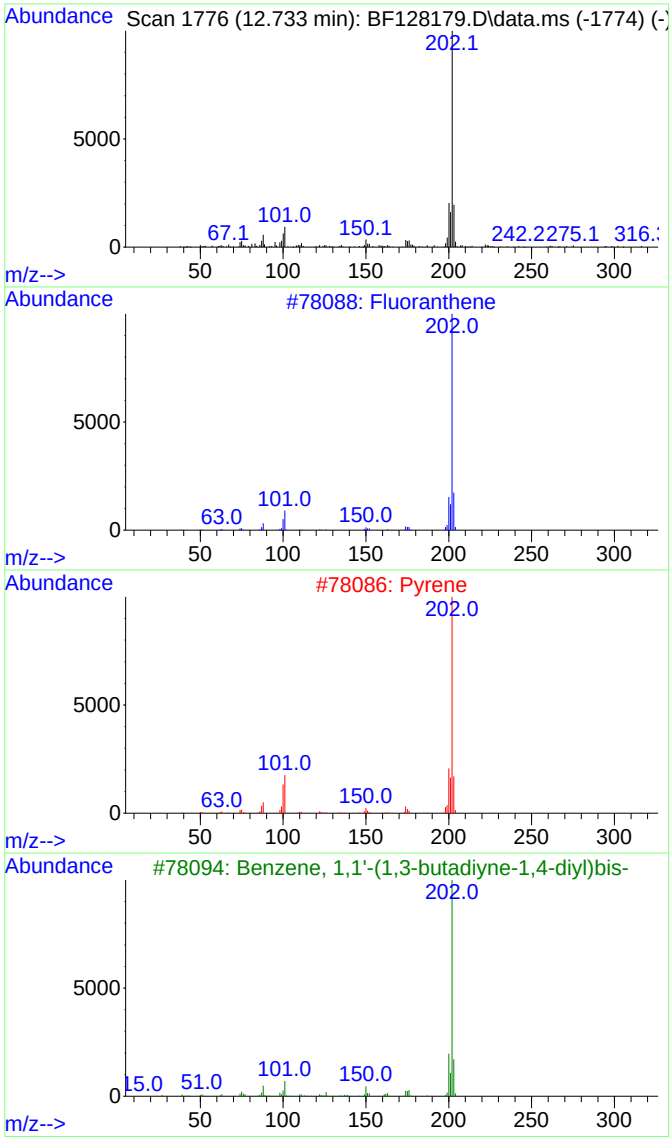
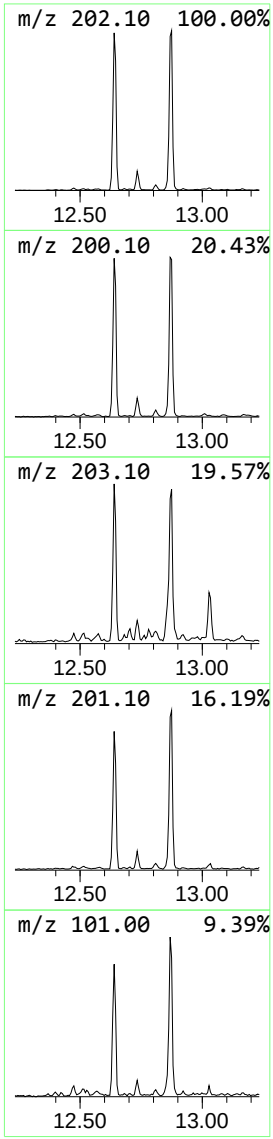
Peak Number 8 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.34 ng	76755	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	89
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	l-Leucyl-l-leucine, N-N'-dimethy...	458	C24H46N2O6	1000328-59-3	38
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	38





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TIC Library : C:\Database\NIST20.L
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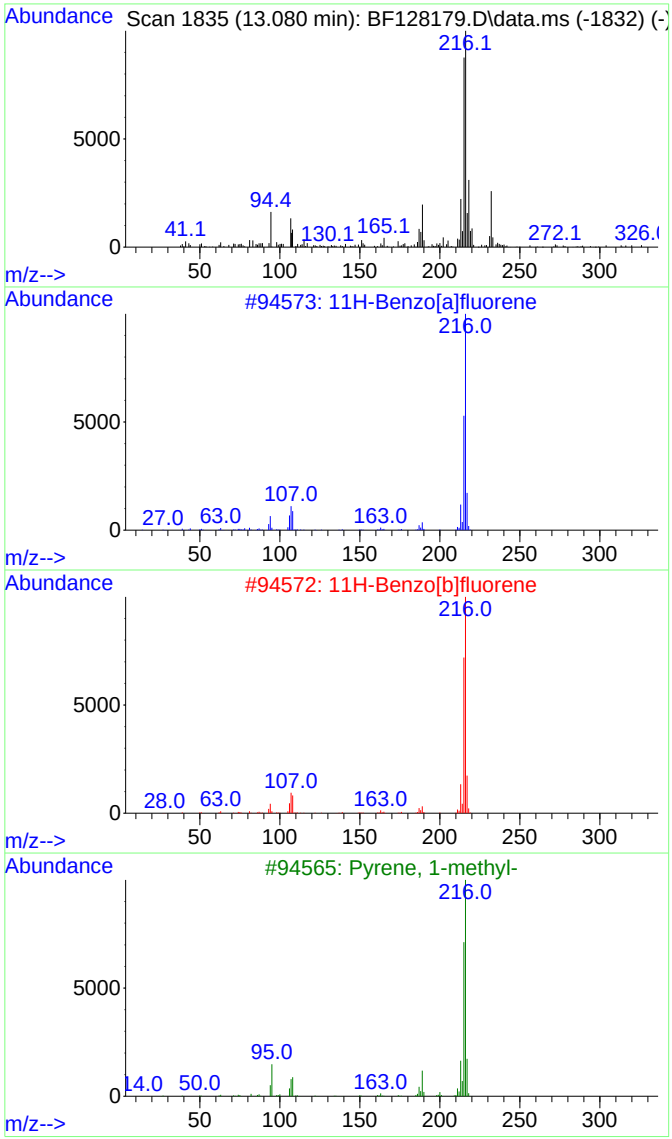
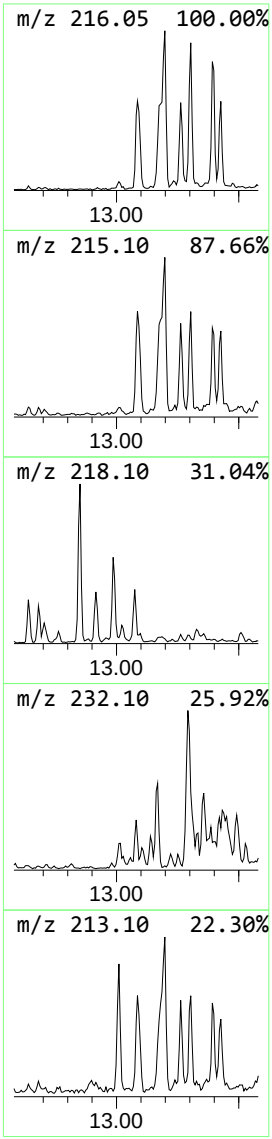
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.79 ng	162860	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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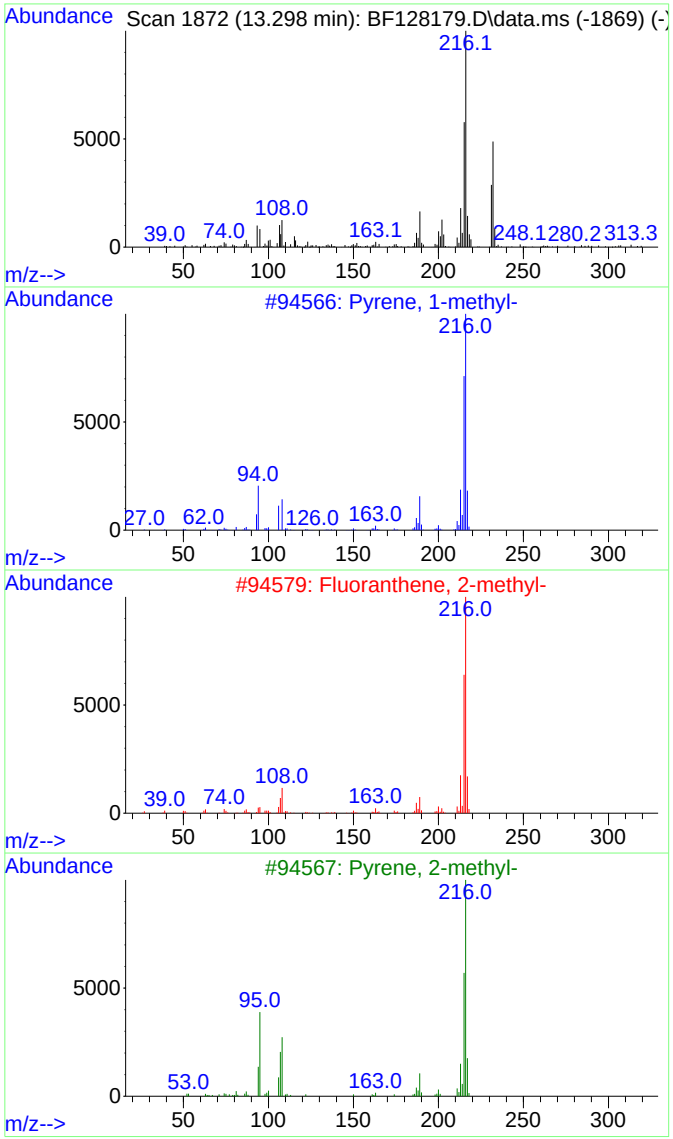
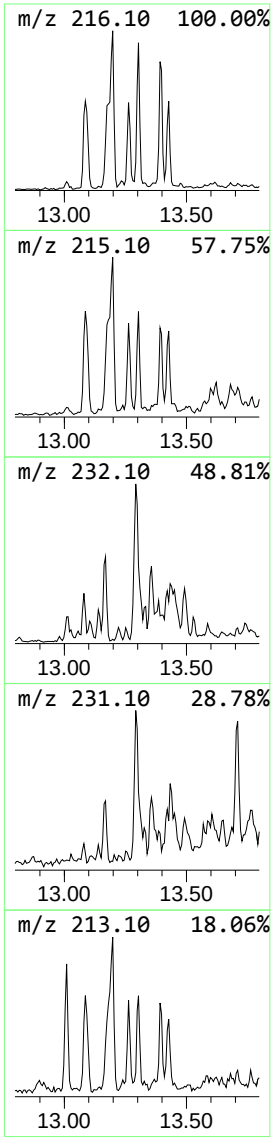
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.61 ng	152111	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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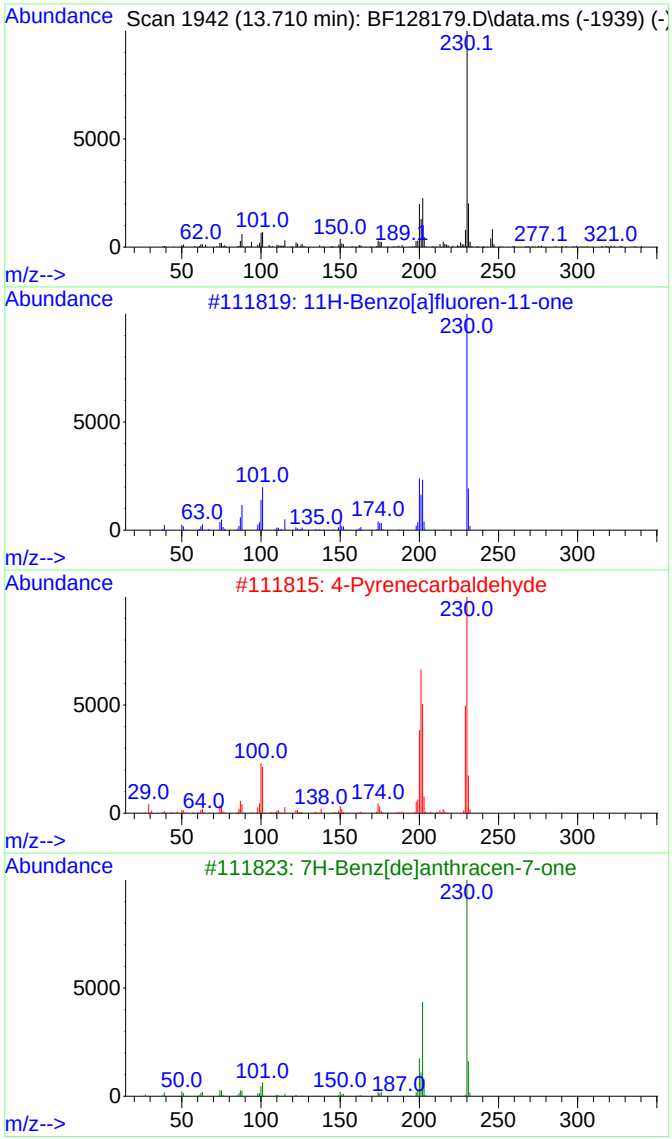
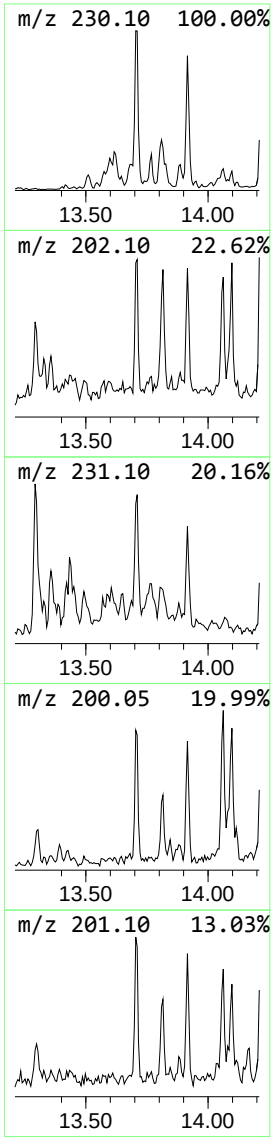
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.39 ng	139002	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	5,7-Dimethyl-8-hydroxyquinoline,...	287	C17H25NOSi	1000463-41-6	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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TIC Library : C:\Database\NIST20.L
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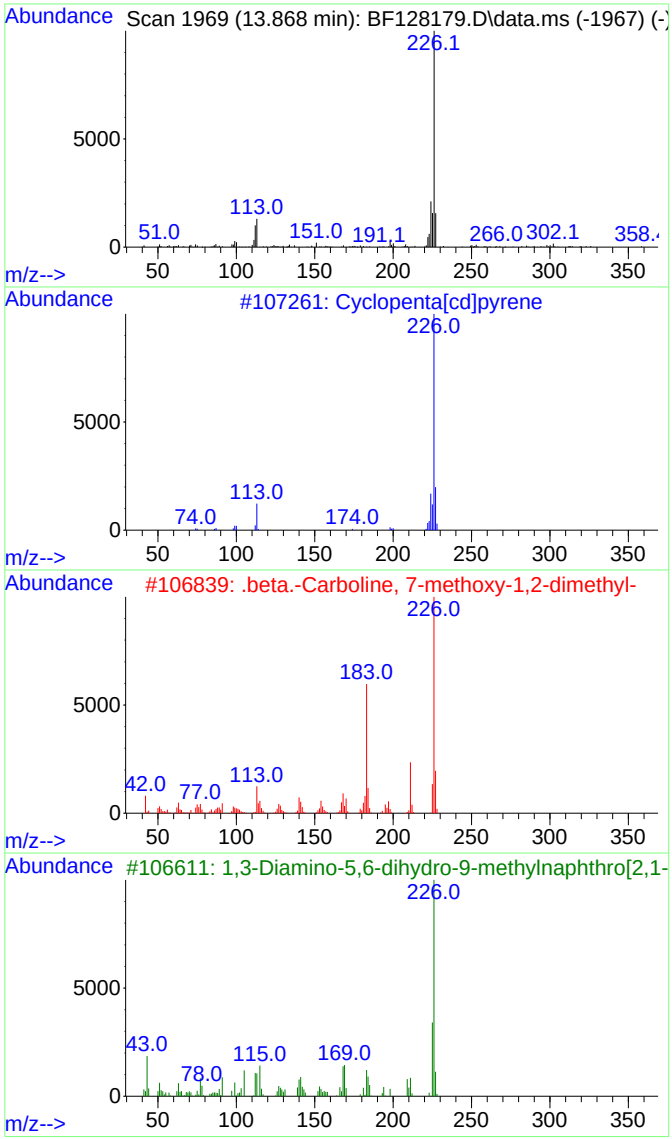
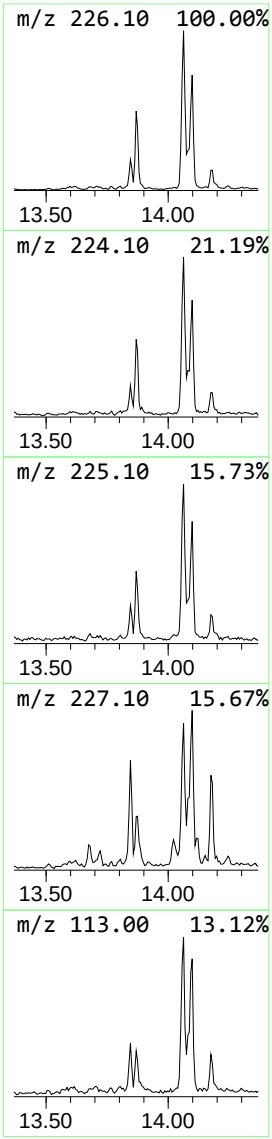
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	2.78 ng	161798	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42
5	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	40





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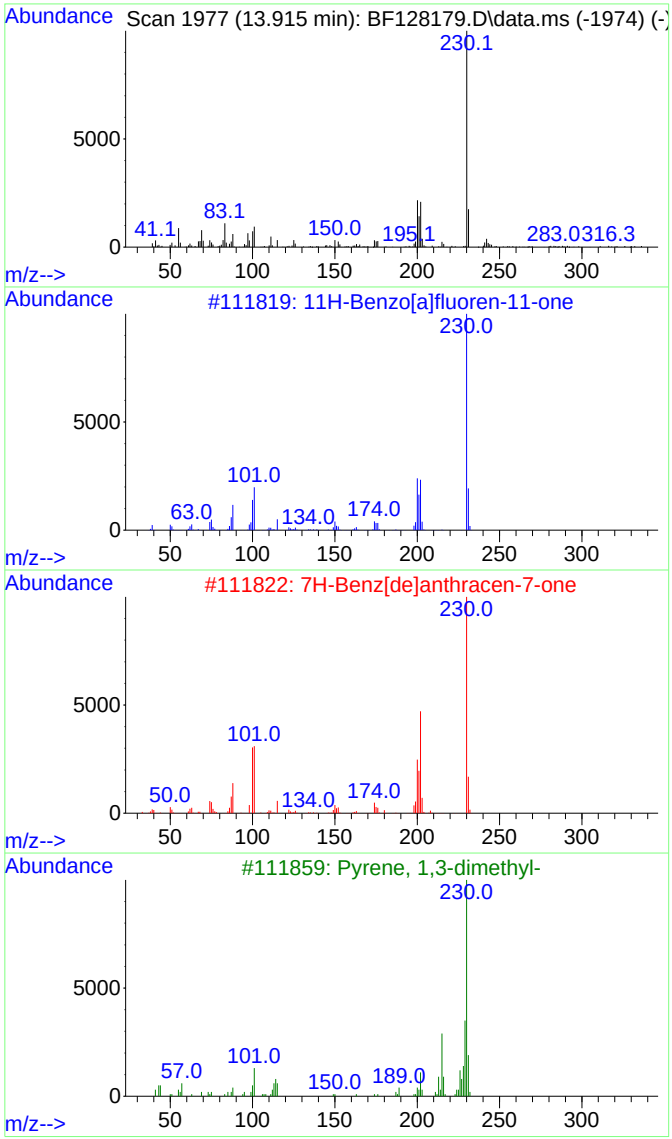
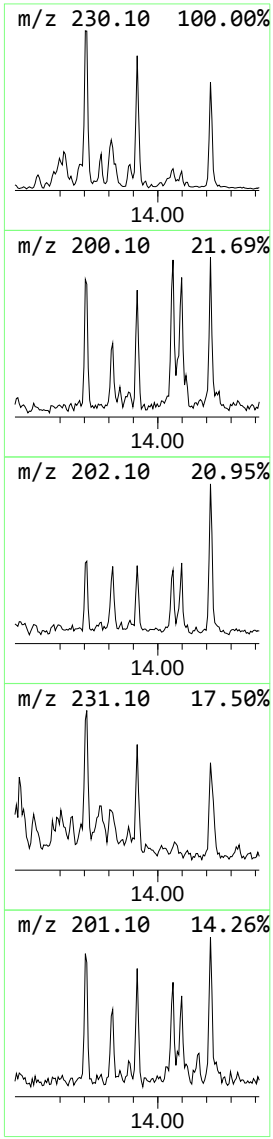
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	4.16 ng	242259	Chrysene-d12	14.074

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	83
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50
4	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	50
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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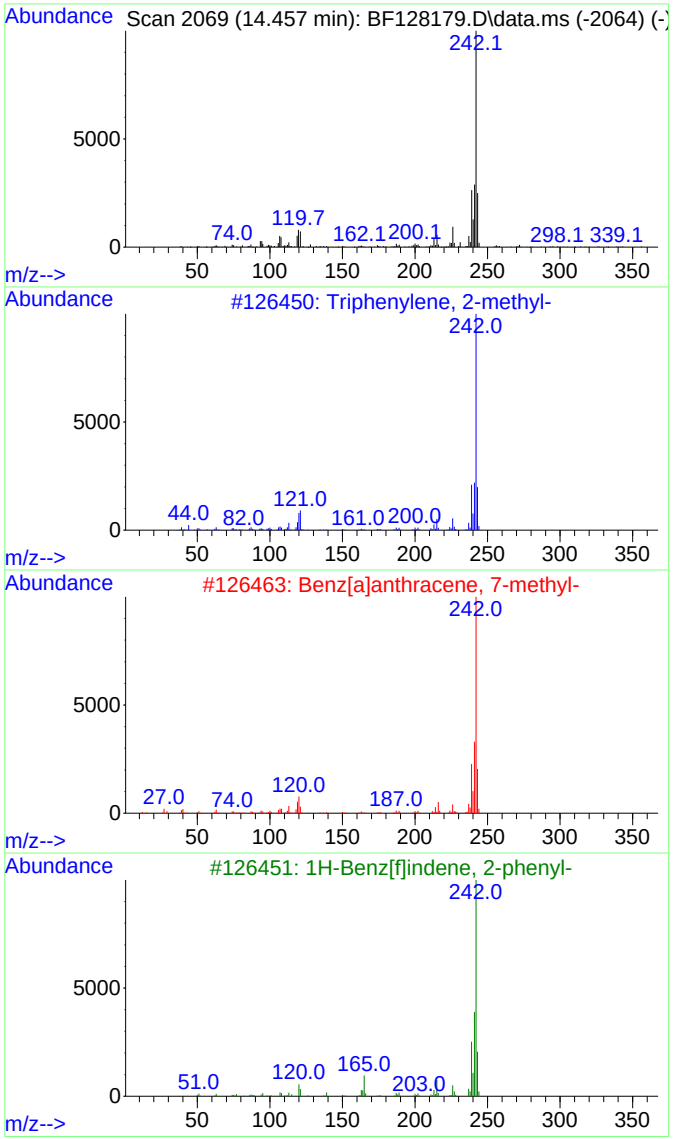
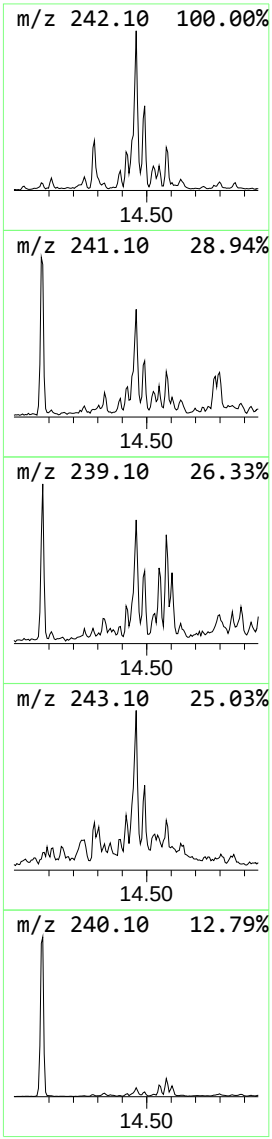
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	3.87 ng	225438	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	92
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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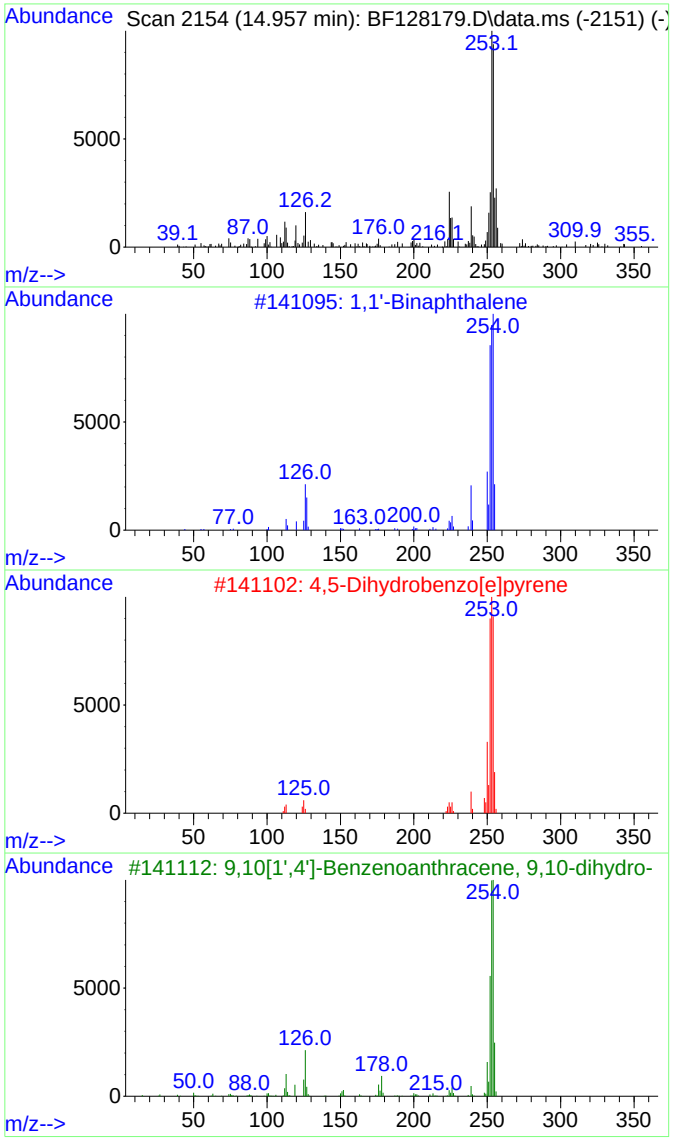
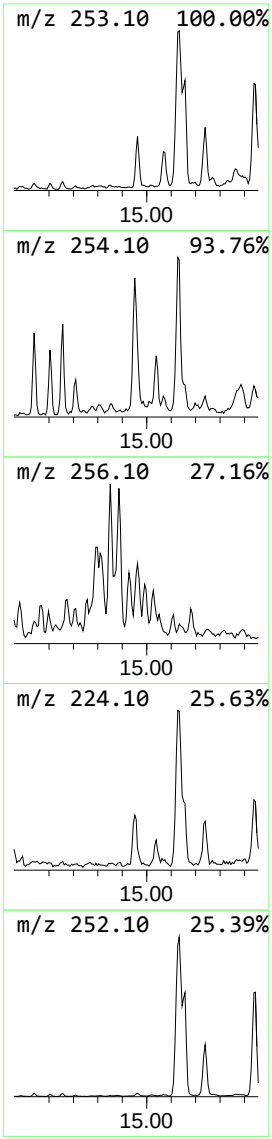
Peak Number 15 1,1'-Binaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	6.32 ng	148182	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
3	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	70
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	62
5	Phenanthrene, 1-phenyl-	254	C20H14	004325-76-2	62





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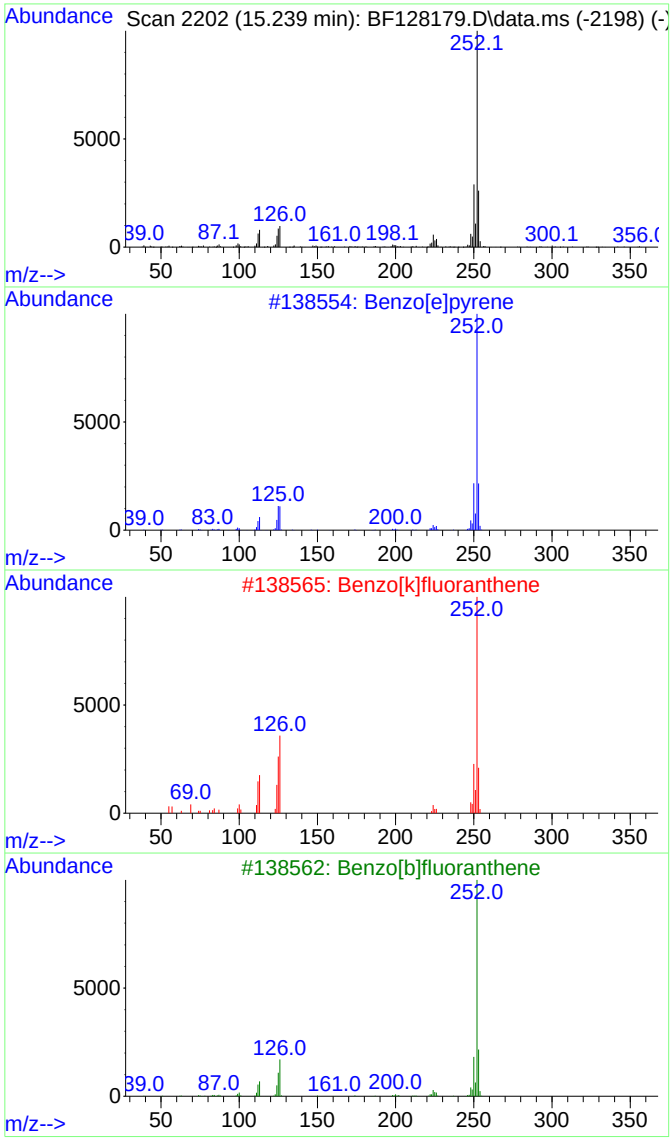
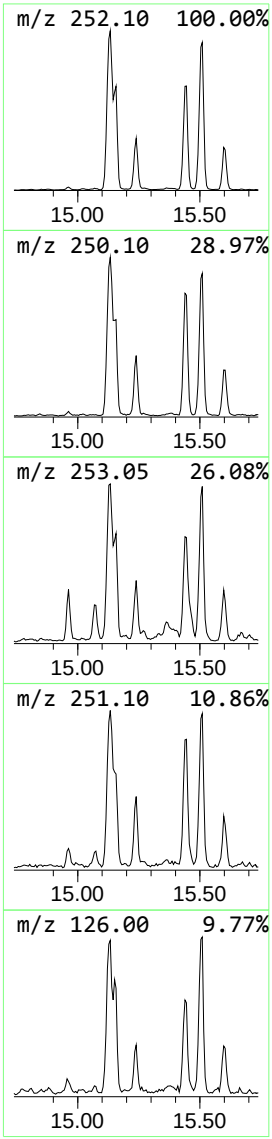
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	8.71 ng	204433	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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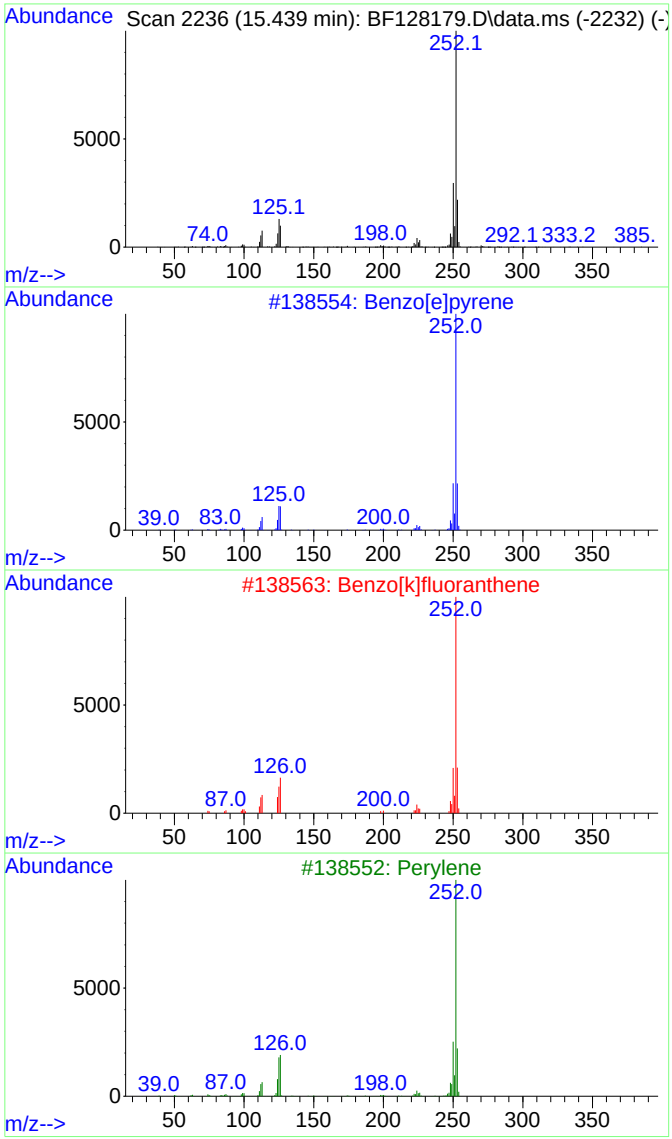
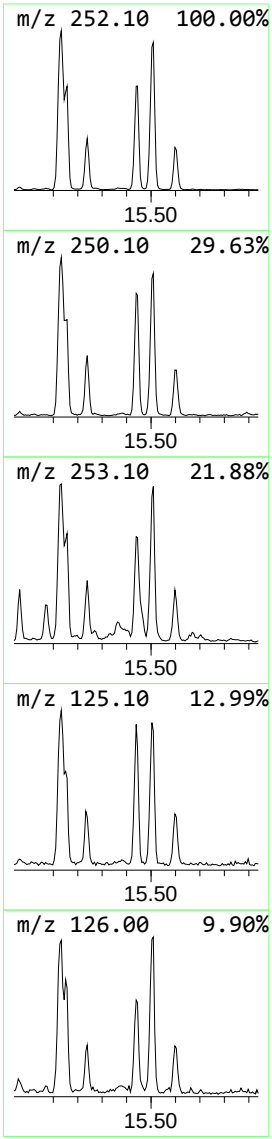
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	22.55 ng	529064	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

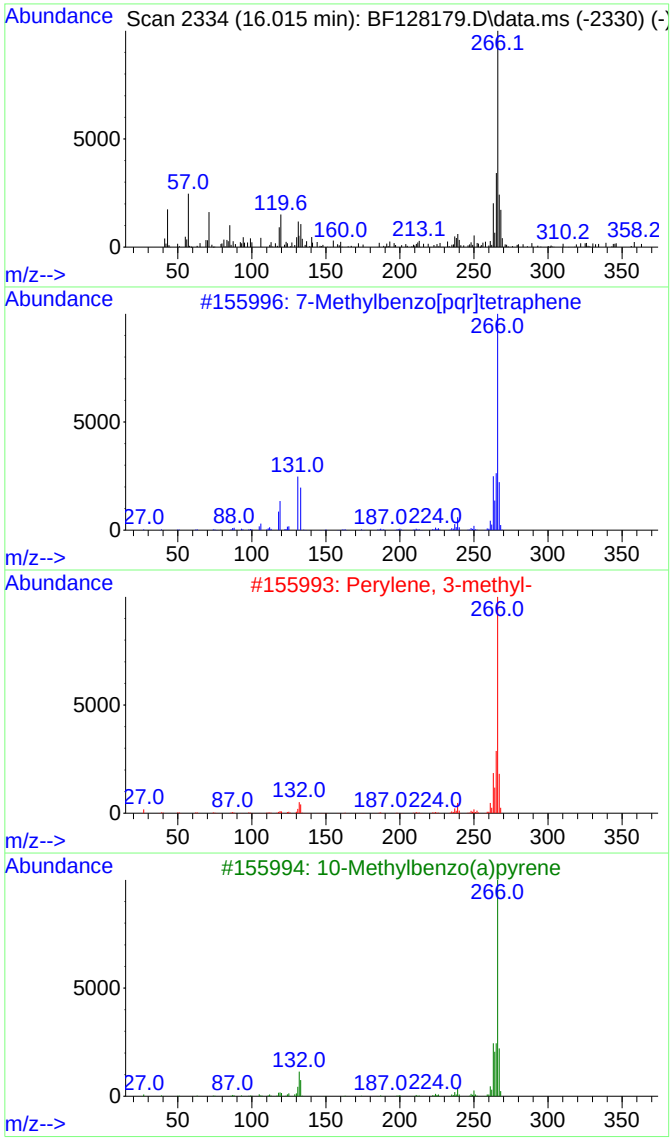
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

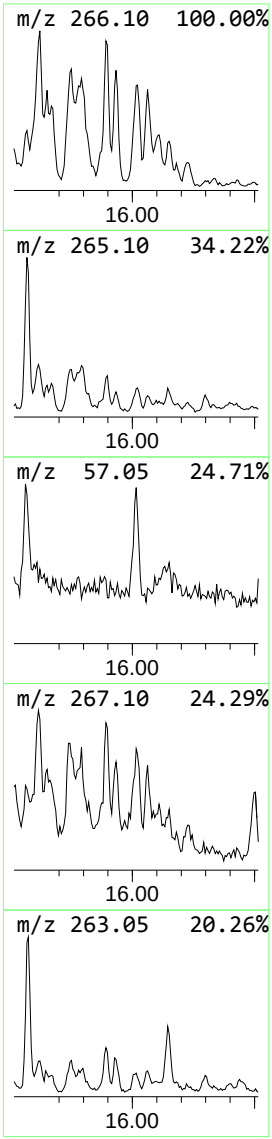
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7-Methylbenzo[pqr]tetraphene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	3.19 ng	74772	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	70
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	68
3	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	64
4	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	59
5	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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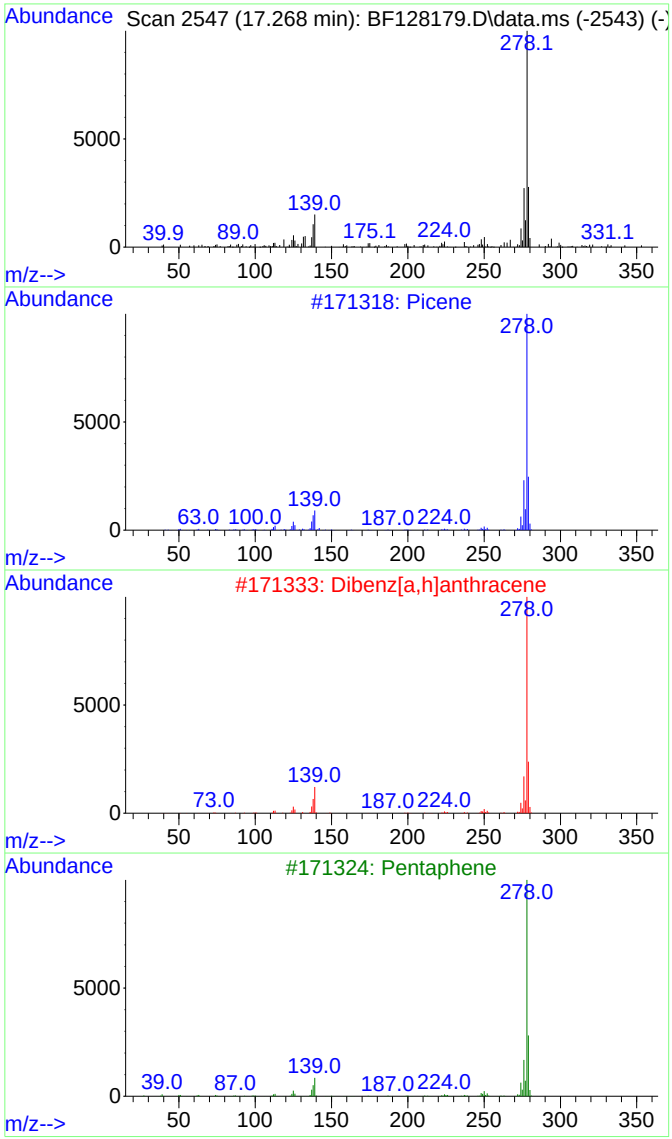
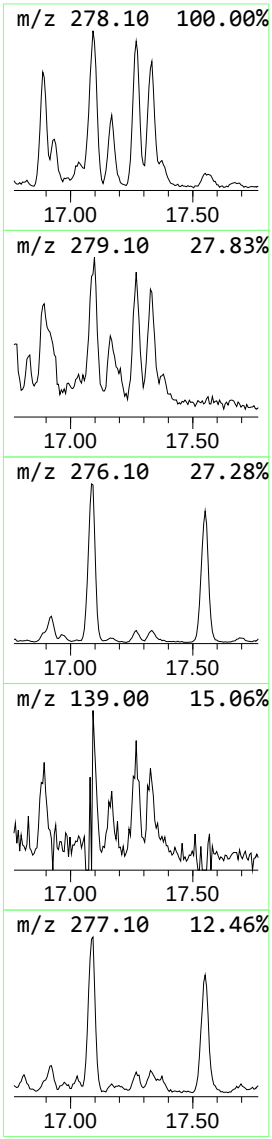
Peak Number 19 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	3.31 ng	77690	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3	Pentaphene	278	C22H14	000222-93-5	96
4	Benzo[b]chrysene	278	C22H14	000214-17-5	95
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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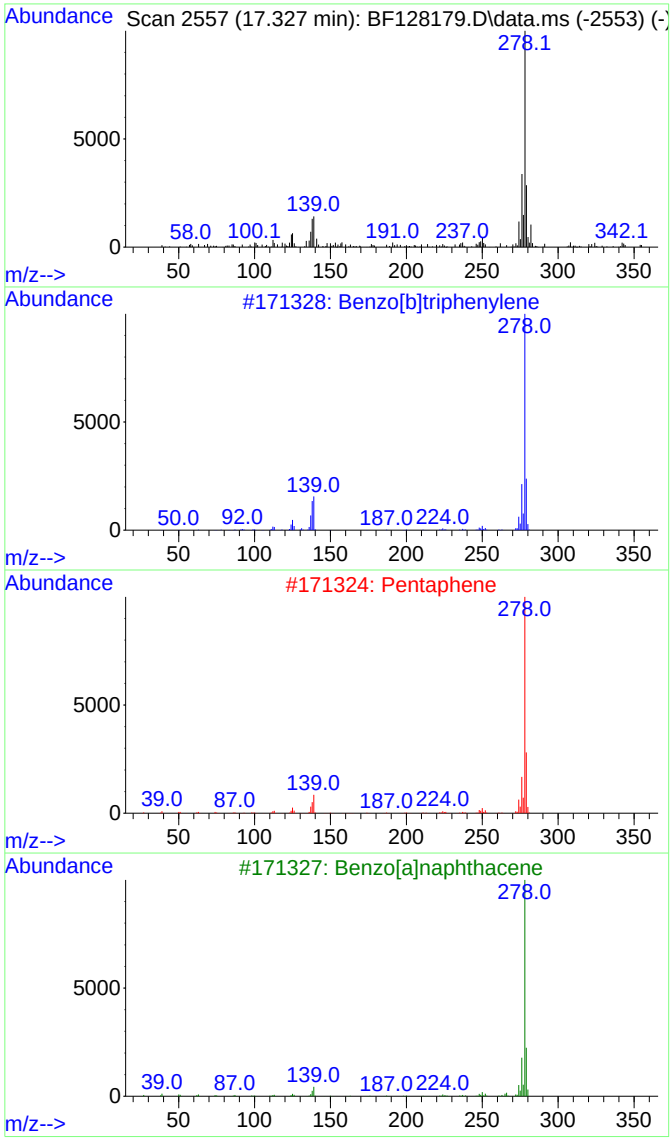
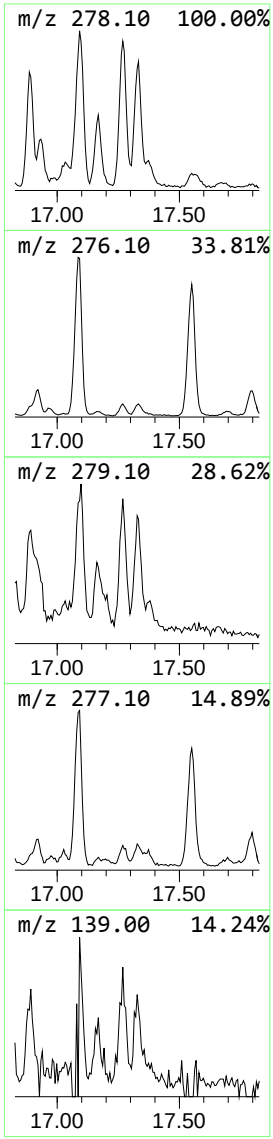
Peak Number 20 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.327	4.35 ng	102027	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Pentaphene	278	C22H14	000222-93-5	93
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	89
4	Picene	278	C22H14	000213-46-7	89
5	Benzo[b]chrysene	278	C22H14	000214-17-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128179.D
Acq On : 11 May 2022 00:19
Operator : CG\JU
Sample : N2749-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.128	2.5	ng	62949	1	6.892	498851	20.0
unknown10.839	10.839	4.1	ng	133147	4	11.422	656300	20.0
Phenanthrene, 4...	11.922	2.5	ng	81894	4	11.422	656300	20.0
Phenanthrene, 1...	11.951	3.9	ng	126985	4	11.422	656300	20.0
Phenanthrene, 2...	12.033	4.5	ng	147909	4	11.422	656300	20.0
di-p-Tolylacety...	12.474	3.6	ng	117546	4	11.422	656300	20.0
Cyclopenta(def)...	12.563	3.3	ng	106631	4	11.422	656300	20.0
Benzene, 1,1'-(...	12.733	2.3	ng	76755	4	11.422	656300	20.0
11H-Benzo[a]flu...	13.080	2.8	ng	162860	5	14.074	1165410	20.0
Pyrene, 1-methyl-	13.298	2.6	ng	152111	5	14.074	1165410	20.0
11H-Benzo[a]flu...	13.710	2.4	ng	139002	5	14.074	1165410	20.0
Cyclopenta[cd]p...	13.868	2.8	ng	161798	5	14.074	1165410	20.0
7H-Benz[de]anth...	13.916	4.2	ng	242259	5	14.074	1165410	20.0
Triphenylene, 2...	14.457	3.9	ng	225438	5	14.074	1165410	20.0
1,1'-Binaphthalene	14.957	6.3	ng	148182	6	15.568	469267	20.0
Benzo[e]pyrene	15.239	8.7	ng	204433	6	15.568	469267	20.0
Perylene	15.439	22.6	ng	529064	6	15.568	469267	20.0
7-Methylbenzo[p...	16.015	3.2	ng	74772	6	15.568	469267	20.0
Picene	17.268	3.3	ng	77690	6	15.568	469267	20.0
Benzo[b]triphen...	17.327	4.3	ng	102027	6	15.568	469267	20.0