LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-367

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	489	492	503	rVB	88380	121745	3.52%	0.255%
2	5.387	557	561	584	rVB	3346448	3316802	96.02%	6.935%
3	6.398	729	733	749	rBV	3343130	3454185	100.00%	7.222%
4	6.751	790	793	802	rBV	1385502	1151590	33.34%	2.408%
5	7.316	885	889	901	rBV	2247490	2218342	64.22%	4.638%
6	8.034	1007	1011	1014	rBV	1599711	1435327	41.55%	3.001%
7	9.110	1189	1194	1197	rBV	3829034	3233208	93.60%	6.760%
8	9.228	1209	1214	1219	rVB2	46743	49940	1.45%	0.104%
9	9.786	1303	1309	1312	rBV	1675472	1390813	40.26%	2.908%
10	9.822	1312	1315	1319	rVB	146793	135084	3.91%	0.282%
11	9.992	1338	1344	1348	rBV	60514	71315	2.06%	0.149%
12	10.339	1399	1403	1408	rBV	112715	108317	3.14%	0.226%
13	10.404	1408	1414	1416	rBV	28431	37377	1.08%	0.078%
14	10.498	1427	1430	1433	rVB	62469	58883	1.70%	0.123%
15	10.581	1440	1444	1451	rBV	1748185	1576370	45.64%	3.296%
16	10.710	1461	1466	1471	rVB4	24395	40619	1.18%	0.085%
17	10.892	1490	1497	1499	rBV3	46812	63259	1.83%	0.132%
18	11.016	1513	1518	1520	rBV3	43423	49595	1.44%	0.104%
19	11.092	1528	1531	1534	rVB	74575	68743	1.99%	0.144%
20	11.128	1534	1537	1542	rVV3	51117	71046	2.06%	0.149%
21	11.175	1542	1545	1551	rVB	106467	99423	2.88%	0.208%
22	11.280	1559	1563	1565	rBV	1317049	1148015	33.24%	2.400%
23	11.304	1565	1567	1571	rVV	2038343	1588633	45.99%	3.321%
24	11.357	1571	1576	1579	rVV	317660	291702	8.44%	0.610%
25	11.398	1579	1583	1588	rVB3	33571	50529	1.46%	0.106%
26	11.522	1598	1604	1611	rBV2	97303	157702	4.57%	0.330%
27	11.575	1611	1613	1617	rVV	55370	58480	1.69%	0.122%
28	11.622	1617	1621	1625	rVB3	30839	48311	1.40%	0.101%
29	11.786	1645	1649	1651	rBV	219313	199070	5.76%	0.416%
30	11.816	1651	1654	1659	rVV	593265	561558	16.26%	1.174%
31	11.863	1659	1662	1664	rVV	85198	89081	2.58%	0.186%
32	11.898	1664	1668	1670	rVV	345942	368951	10.68%	0.771%
33	11.922	1670	1672	1678	rVB	157437	131950	3.82%	0.276%
34	12.080	1696	1699	1702	rBV	213273	171512	4.97%	0.359%
35	12.116	1702	1705	1709	rVB	302730	256245	7.42%	0.536%
36	12.157	1709	1712	1719	rVB2	28767	41800	1.21%	0.087%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-367

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.233	1719	1725	1728	rBV2	66783	86095	2.49%	0.180%
38	12.292	1732	1735	1739	rVB	42172	40272	1.17%	0.084%
39	12.339	1739	1743	1745	rBV	104968	112276	3.25%	0.235%
40	12.375	1745	1749	1751	rBV2	84343	89366	2.59%	0.187%
41	12.427	1755	1758	1766	rBV2	165794	176896	5.12%	0.370%
42	12.504	1767	1771	1774	rBV	3134850	2757295	79.82%	5.765%
43	12.569	1780	1782	1785	rVB	53050	44865	1.30%	0.094%
44	12.604	1785	1788	1790	rBV3	49937	49919	1.45%	0.104%
45	12.651	1792	1796	1799	rVB2	106700	137843	3.99%	0.288%
46	12.733	1804	1810	1813	rVV	2614365	2864571	82.93%	5.989%
47	12.780	1815	1818	1822	rVB2	130327	134395	3.89%	0.281%
48	12.851	1826	1830	1831	rBV	186971	165429	4.79%	0.346%
49	12.874	1831	1834	1840	rVB	2309869	2072274	59.99%	4.333%
50	12.951	1840	1847	1851	rBV2	157979	269676	7.81%	0.564%
51	13.039	1858	1862	1863	rBV2	134877	150665	4.36%	0.315%
52	13.063	1863	1866	1869	rVB	334077	312524	9.05%	0.653%
53	13.127	1869	1877	1880	rBV	175601	216141	6.26%	0.452%
54	13.163	1880	1883	1886	rVV2	255656	315221	9.13%	0.659%
55	13.186	1886	1887	1891	rVV	114136	122261	3.54%	0.256%
56	13.222	1891	1893	1896	rVV	71658	69837	2.02%	0.146%
57	13.257	1896	1899	1902	rVV	120381	99372	2.88%	0.208%
58	13.292	1902	1905	1913	rVV2	116388	190328	5.51%	0.398%
59	13.357	1913	1916	1918	rVV4	50862	55736	1.61%	0.117%
60	13.380	1918	1920	1924	rVB2	40390	41879	1.21%	0.088%
61	13.463	1927	1934	1936	rBV8	43846	96973	2.81%	0.203%
62	13.486	1936	1938	1941	rVB	58870	55644	1.61%	0.116%
63	13.551	1946	1949	1951	rBV2	39002	46332	1.34%	0.097%
64	13.574	1951	1953	1958	rBV	314306	300227	8.69%	0.628%
65	13.686	1967	1972	1974	rBV	337312	331686	9.60%	0.693%
66	13.710	1974	1976	1978	rVV	207222	152839	4.42%	0.320%
67	13.739	1978	1981	1982	rBV	151572	117556	3.40%	0.246%
68	13.786	1987	1989	1993	rVB	376334	339334	9.82%	0.709%
69	13.857	1996	2001	2007	rBV	111799	249950	7.24%	0.523%
70	13.933	2007	2014	2018	rBV2	1568580	2813998	81.47%	5.883%
71	13.969	2018	2020	2023	rVB	1364661	1075990	31.15%	2.250%
72	14.045	2030	2033	2035	rVB	205297	169376	4.90%	0.354%
73	14.092	2039	2041	2042	rBV	70098	60314	1.75%	0.126%
74	14.139	2046	2049	2050	rVV	65641	67751	1.96%	0.142%
75	14.174	2053	2055	2057	rVB	109518	88770	2.57%	0.186%
76	14.204	2057	2060	2062	rBV3	47678	45931	1.33%	0.096%

LSC Area Percent Report

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Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-367

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.257	2067	2069	2072	rVB2	47955	45149	1.31%	0.094%
78	14.292	2072	2075	2077	rBV	102164	99998	2.89%	0.209%
79	14.327	2077	2081	2084	rVV	228696	220612	6.39%	0.461%
80	14.363	2084	2087	2088	rVV	116258	106580	3.09%	0.223%
81	14.410	2092	2095	2100	rVV3	90762	175508	5.08%	0.367%
82	14.451	2100	2102	2104	rVV2	132427	123241	3.57%	0.258%
83	14.474	2104	2106	2109	rVV2	111400	108026	3.13%	0.226%
84	14.510	2109	2112	2113	rVV3	72027	81856	2.37%	0.171%
85	14.527	2113	2115	2120	rVB3	102138	112678	3.26%	0.236%
86	14.574	2120	2123	2127	rBV4	46837	54622	1.58%	0.114%
87	14.645	2132	2135	2143	rBV3	109889	164655	4.77%	0.344%
88	14.821	2162	2165	2168	rBV2	93609	103541	3.00%	0.216%
89	14.980	2187	2192	2195	rBV	1041787	1577150	45.66%	3.297%
90	15.051	2202	2204	2207	rVB	88934	84506	2.45%	0.177%
91	15.086	2207	2210	2214	rVB	155378	151493	4.39%	0.317%
92	15.174	2222	2225	2226	rBV2	56211	55175	1.60%	0.115%
93	15.280	2239	2243	2249	rVB	591218	734869	21.27%	1.536%
94	15.345	2249	2254	2259	rBV	782337	963573	27.90%	2.015%
95	15.404	2260	2264	2267	rVV	644138	809963	23.45%	1.693%
96	15.433	2267	2269	2277	rVB2	225450	317892	9.20%	0.665%
97	15.968	2357	2360	2365	rVB4	31004	45711	1.32%	0.096%
98	16.880	2509	2515	2524	rVB2	283862	586686	16.98%	1.227%
99	17.327	2585	2591	2603	rVB	219310	484843	14.04%	1.014%
100	17.580	2629	2634	2640	rBV	45826	117547	3.40%	0.246%

Sum of corrected areas: 47829203

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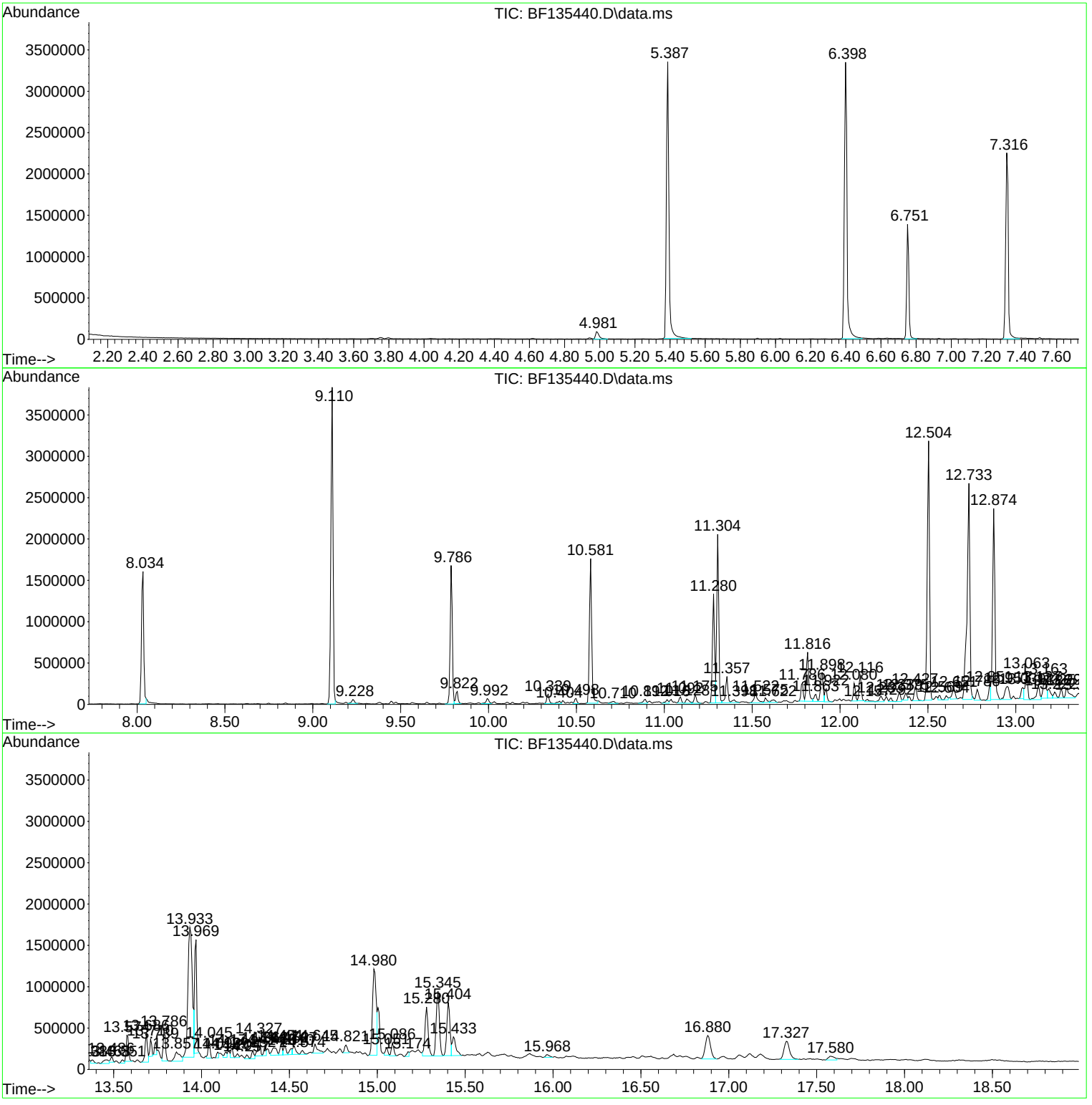
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF092523\
Data File : BF135440.D
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Instrument :
BNA_F
ClientSampleId :
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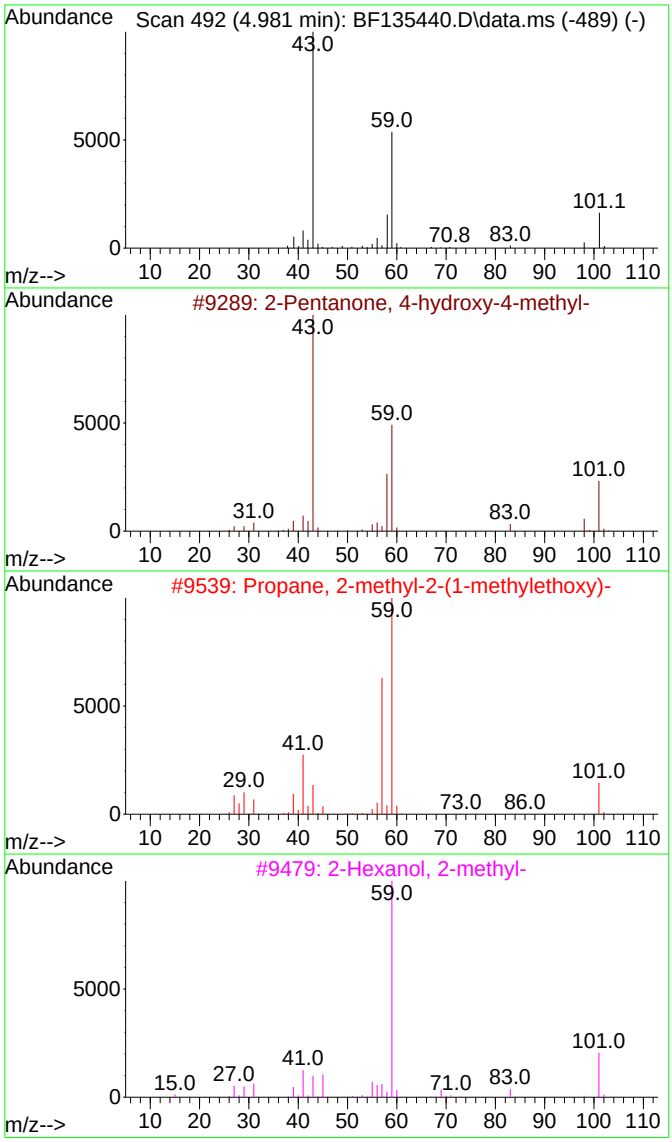
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

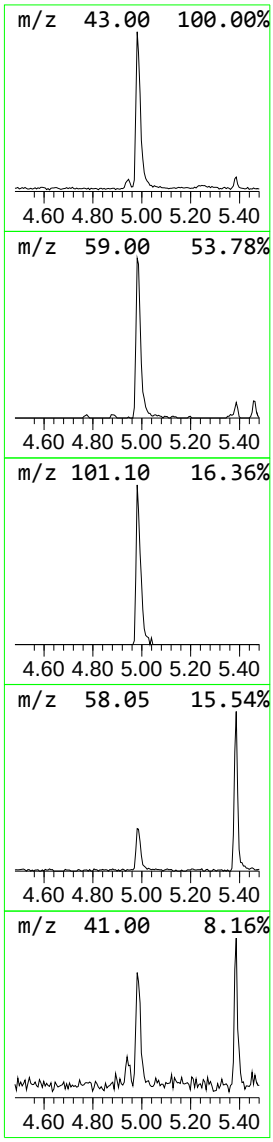
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	2.11 ng	121745	1,4-Dichlorobenzene-d4	6.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

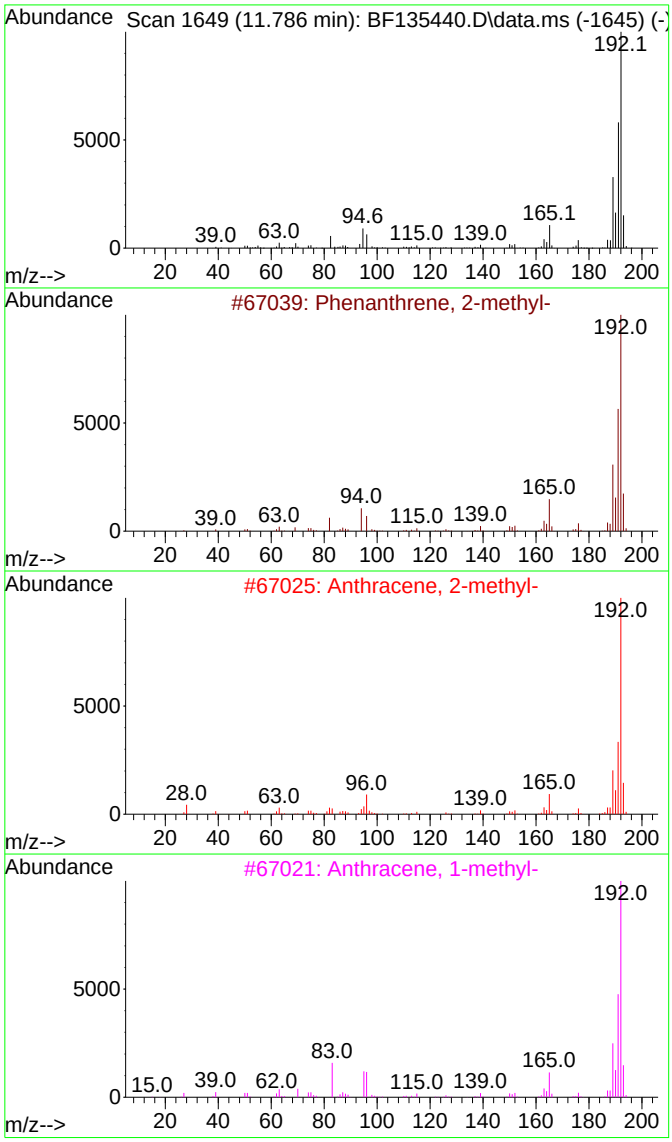
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

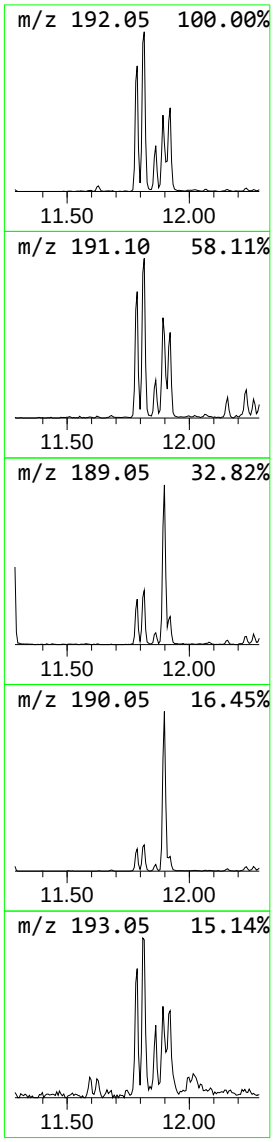
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	3.47 ng	199070	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

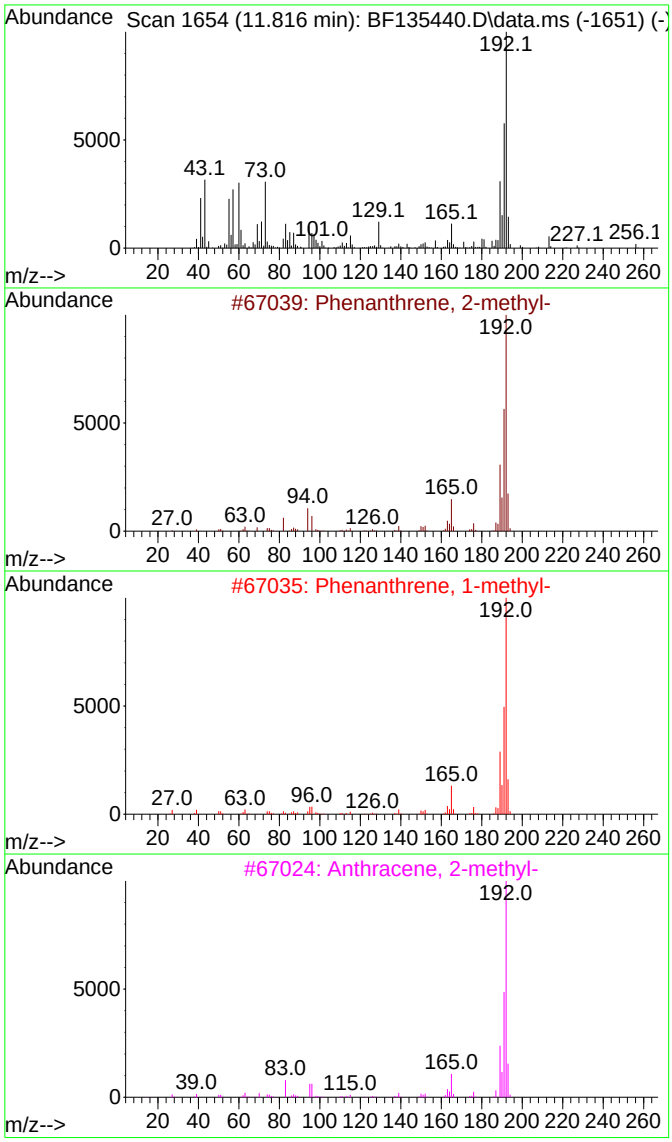
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

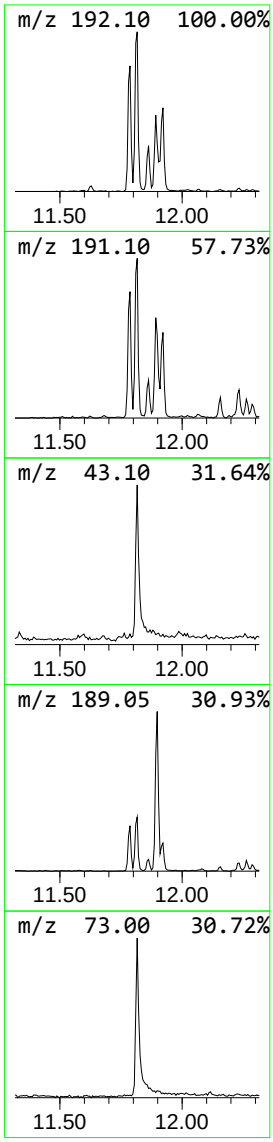
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	9.78 ng	561558	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

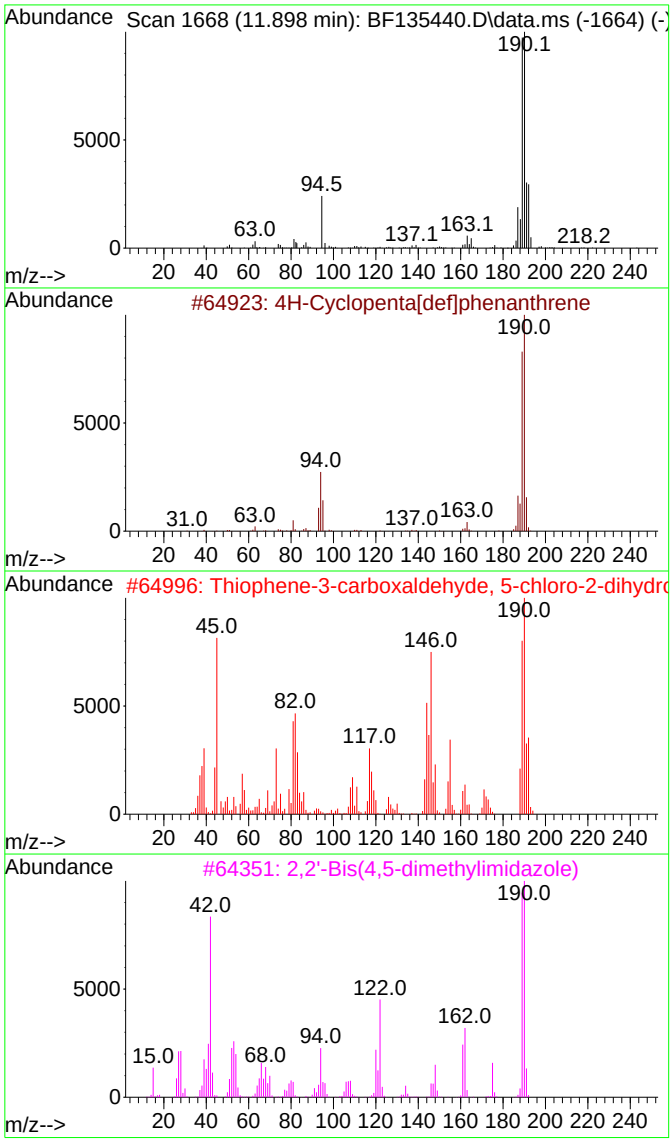
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

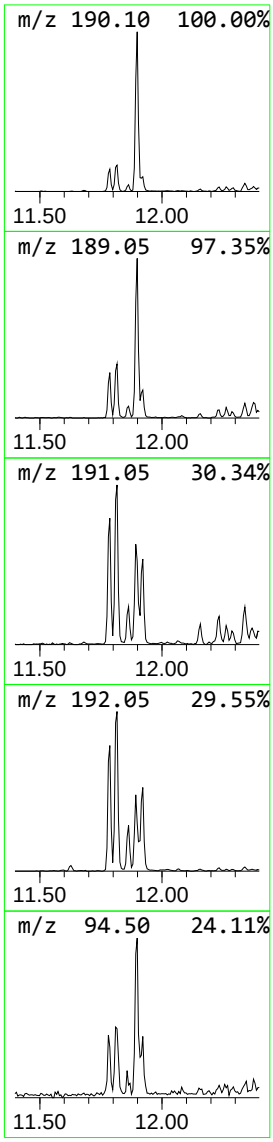
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	6.43 ng	368951	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

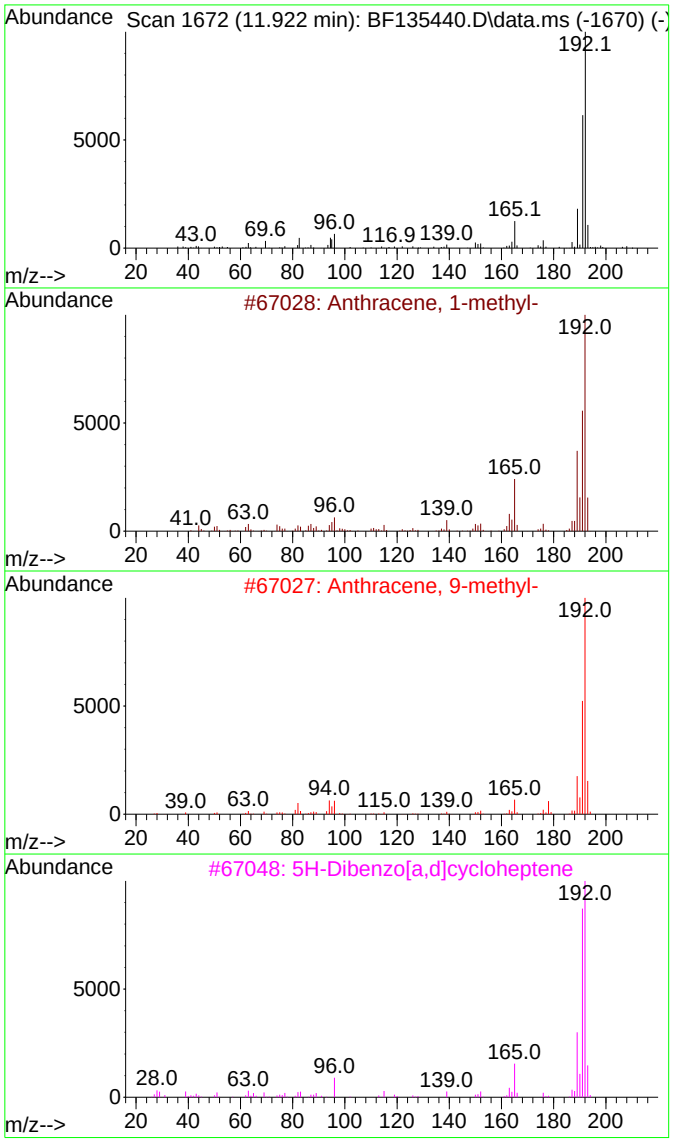
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

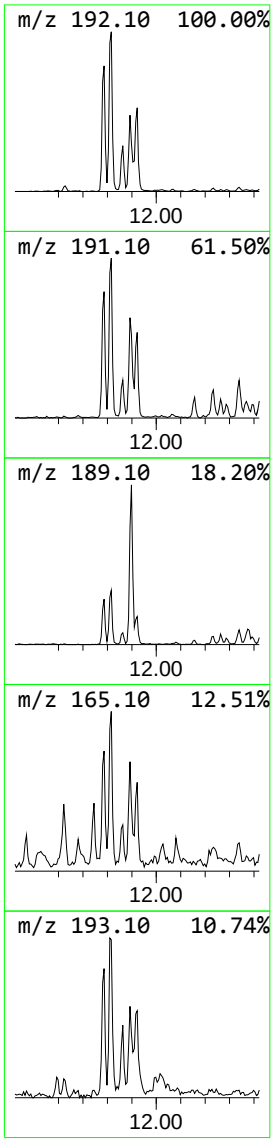
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.30 ng	131950	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





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Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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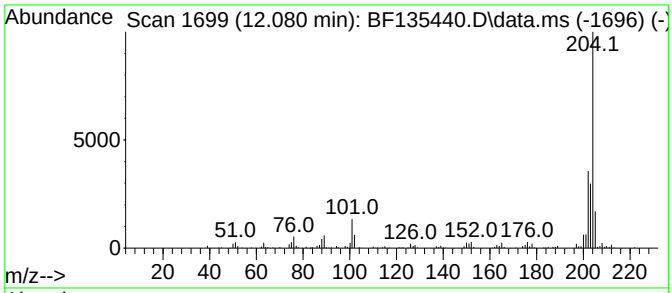
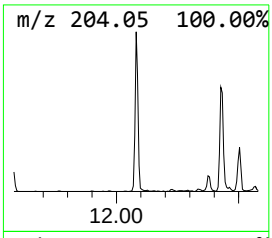
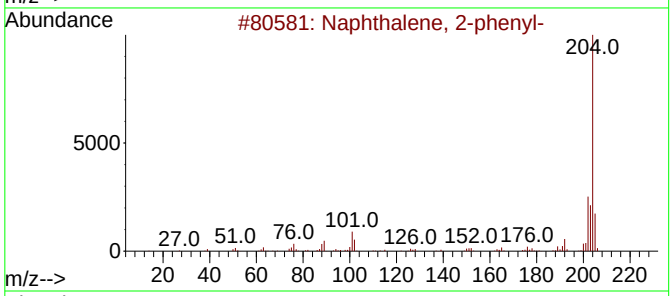
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 8

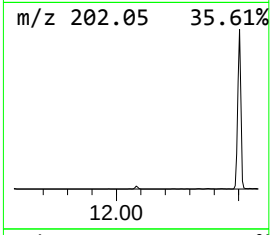
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	2.99 ng	171512	Phenanthrene-d10	11.281

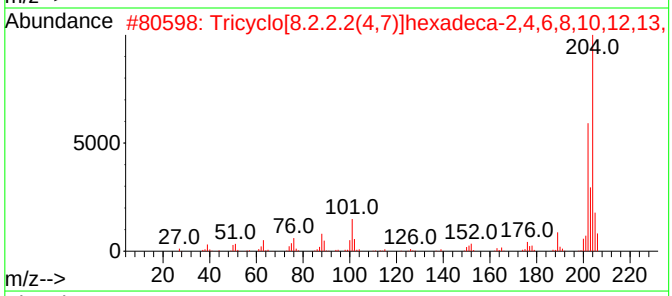
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50

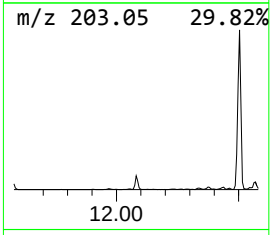


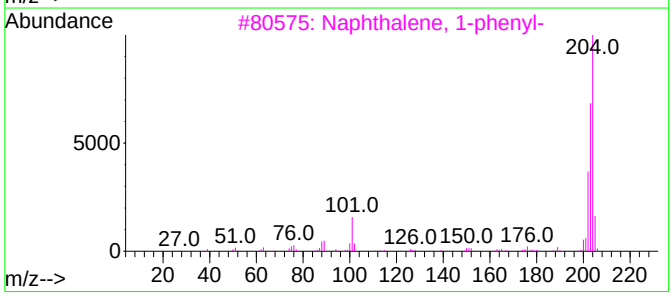


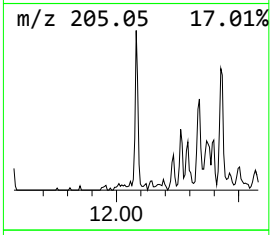


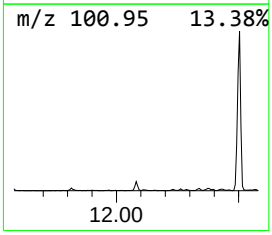












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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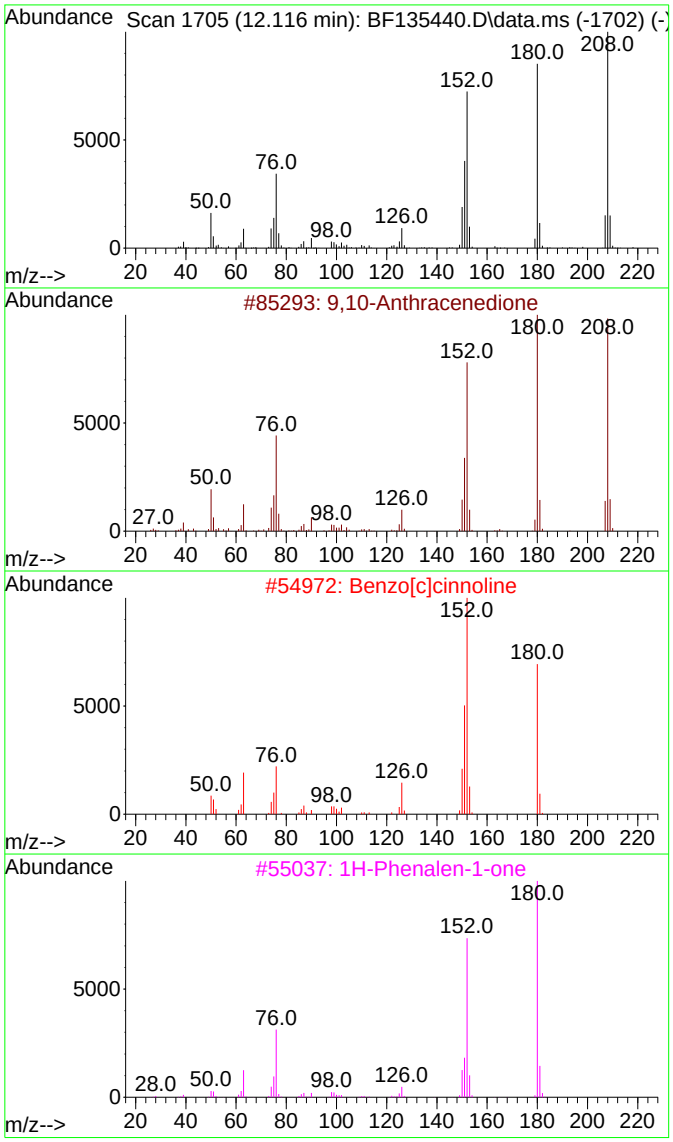
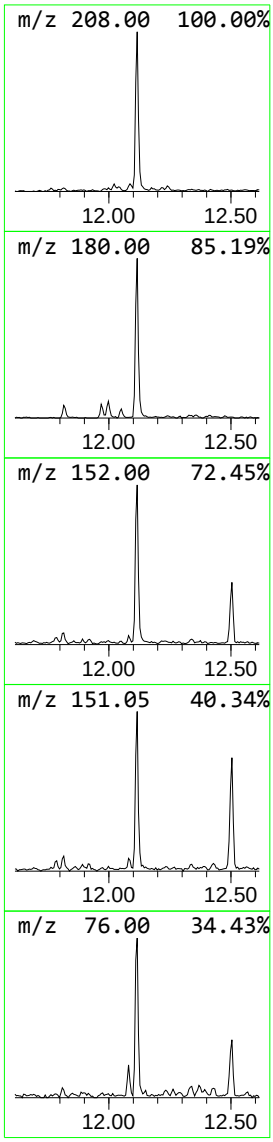
Peak Number 7 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.46 ng	256245	Phenanthrene-d10	11.281

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	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	53
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49





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TIC Library : C:\Database\NIST20.L
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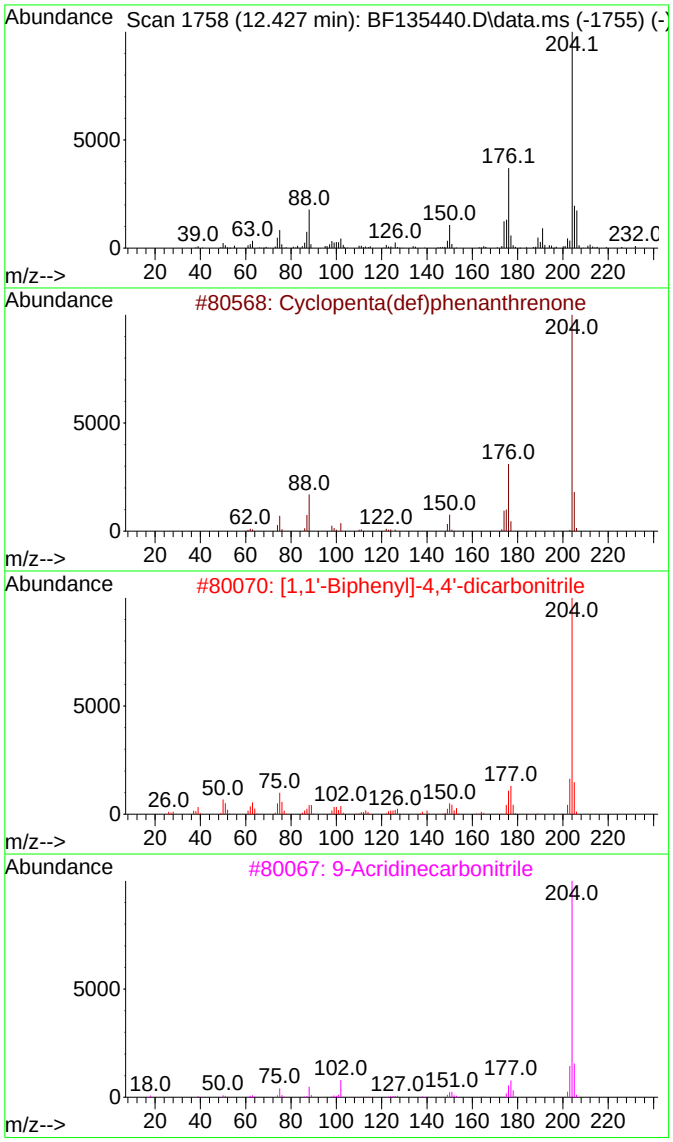
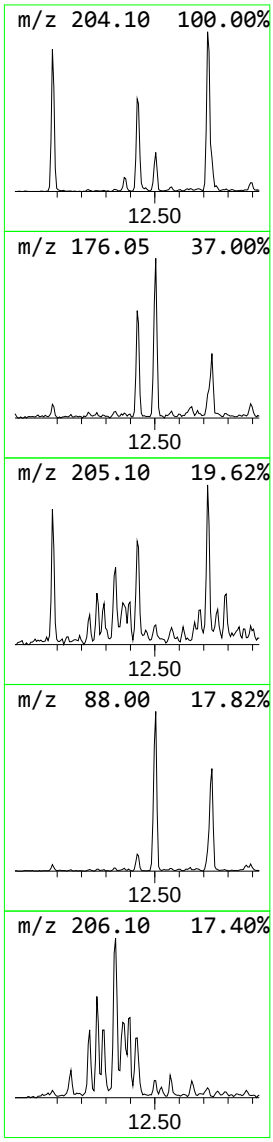
****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	3.08 ng	176896	Phenanthrene-d10	11.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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

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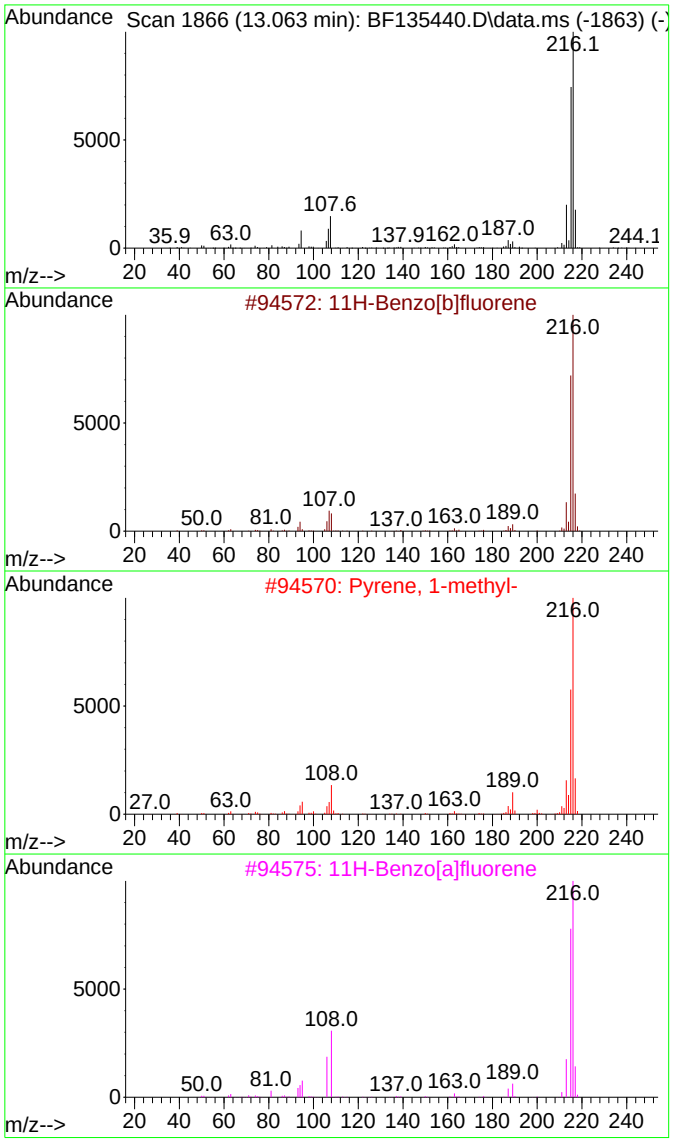
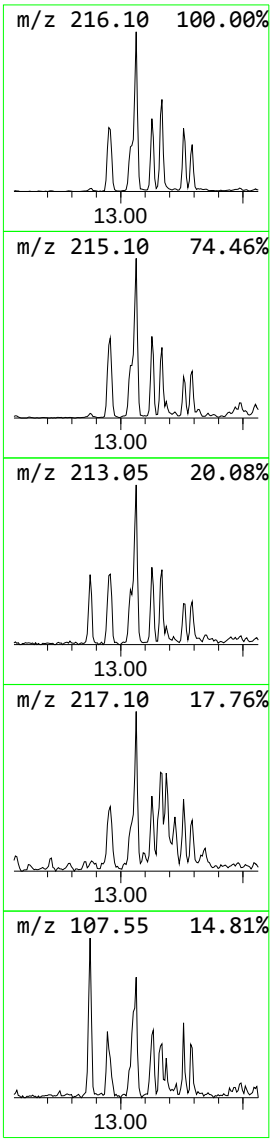
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.22 ng	312524	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	72





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TIC Library : C:\Database\NIST20.L
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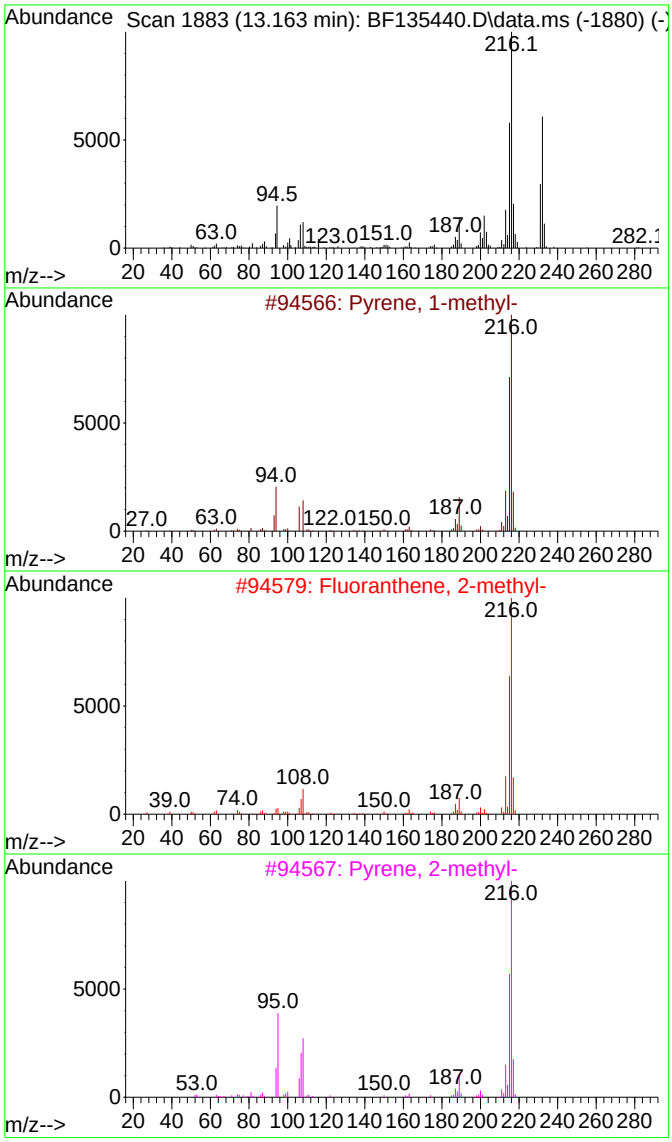
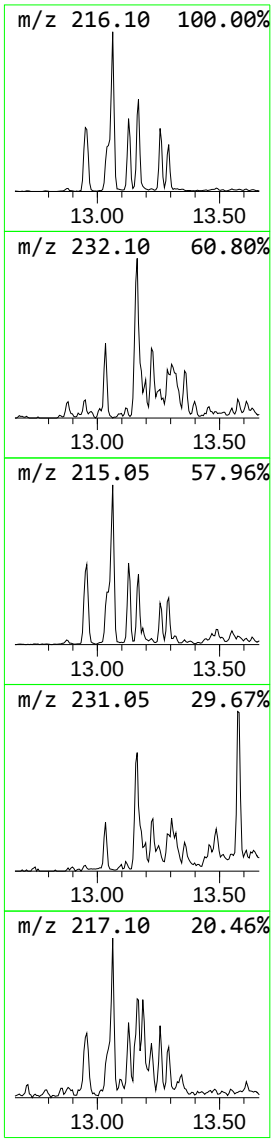
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.24 ng	315221	Chrysene-d12	13.939

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	53
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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

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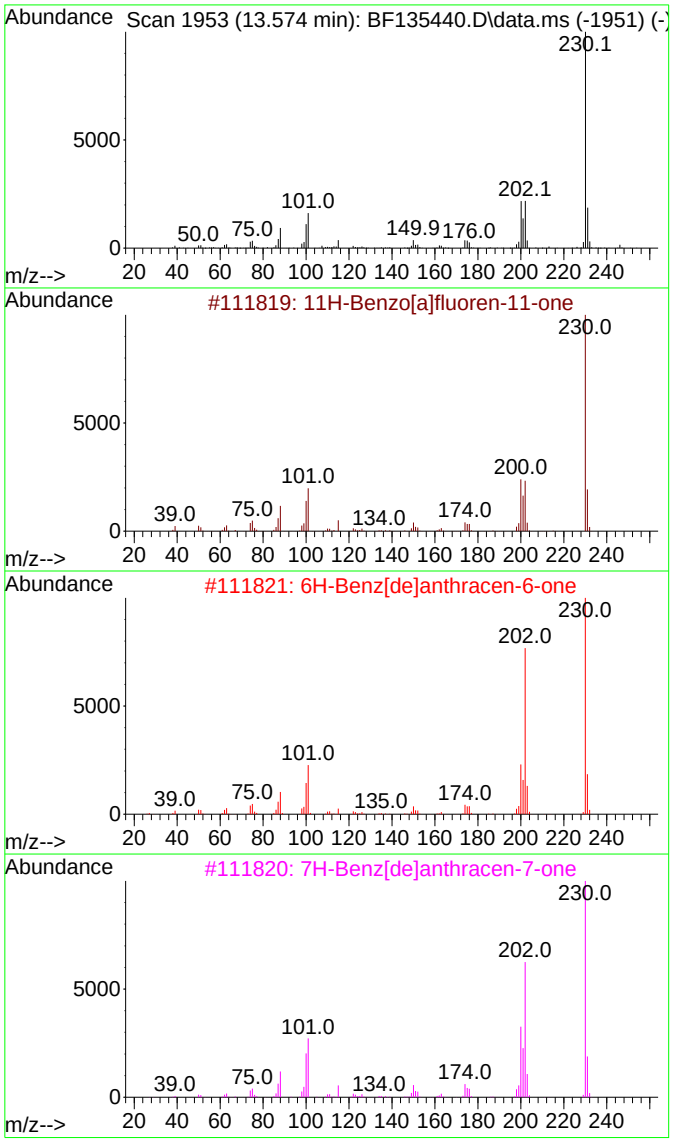
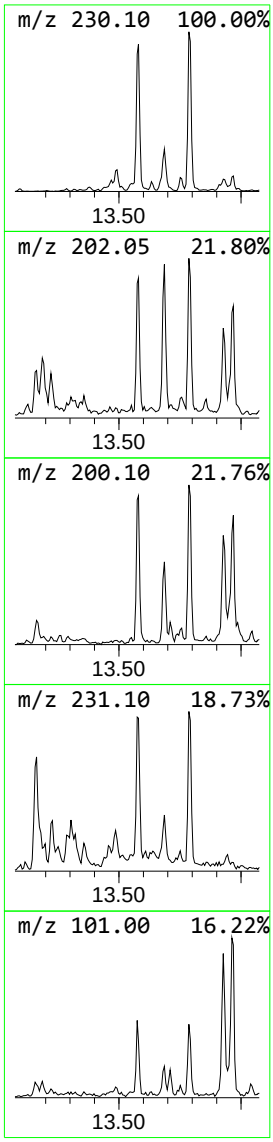
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.574	2.13 ng	300227	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
5	o-Terphenyl	230	C18H14	000084-15-1	53





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TIC Library : C:\Database\NIST20.L
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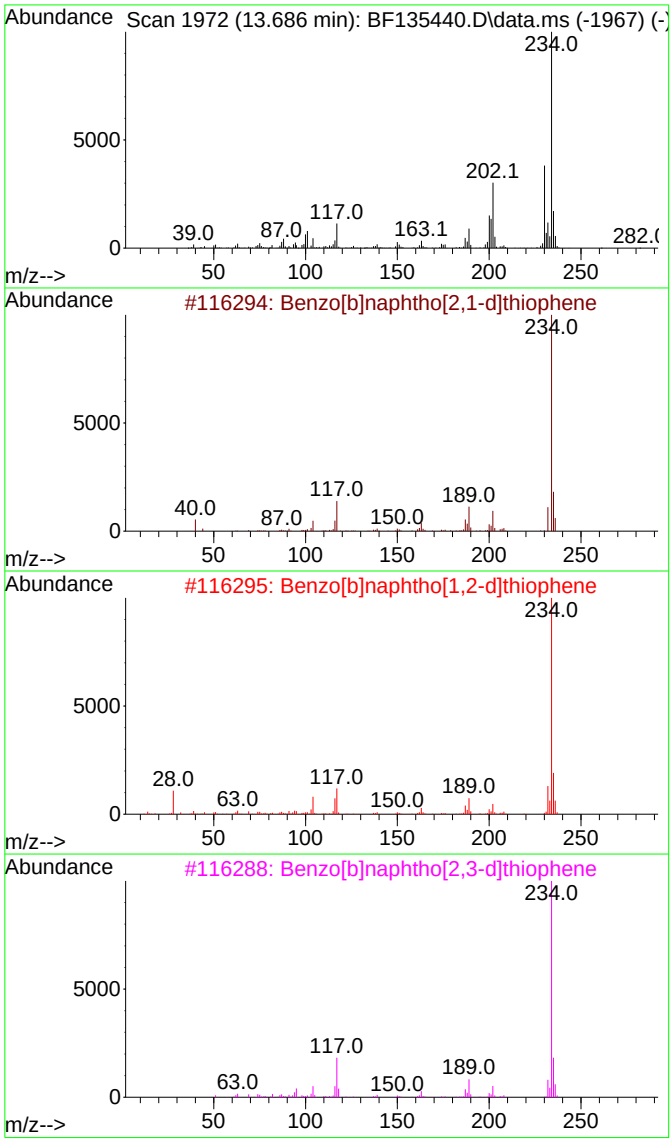
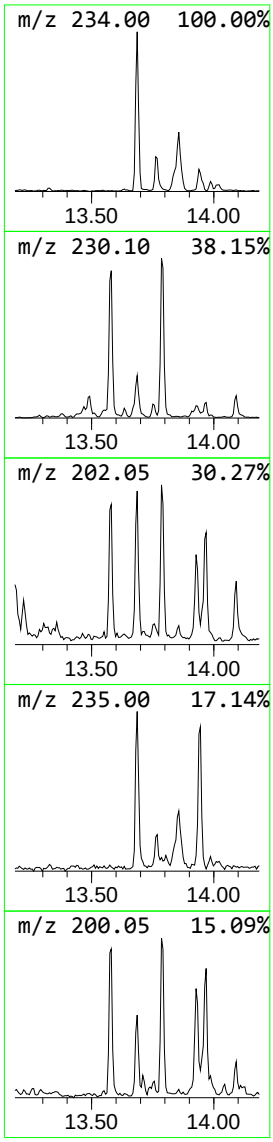
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	2.36 ng	331686	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	78
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
4	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	38





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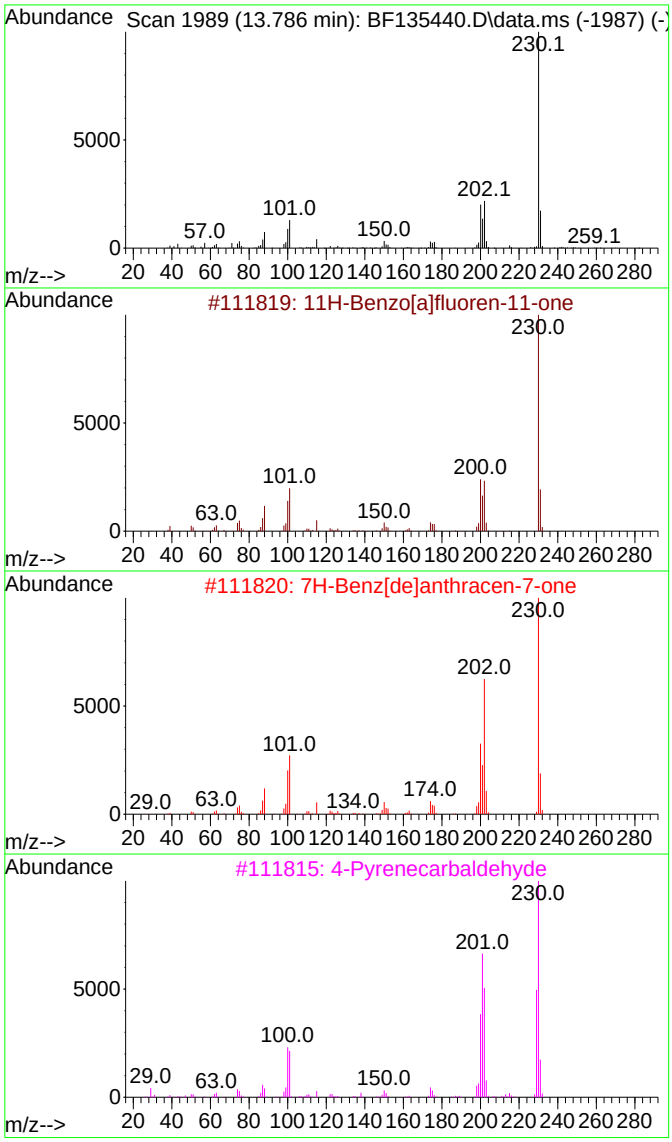
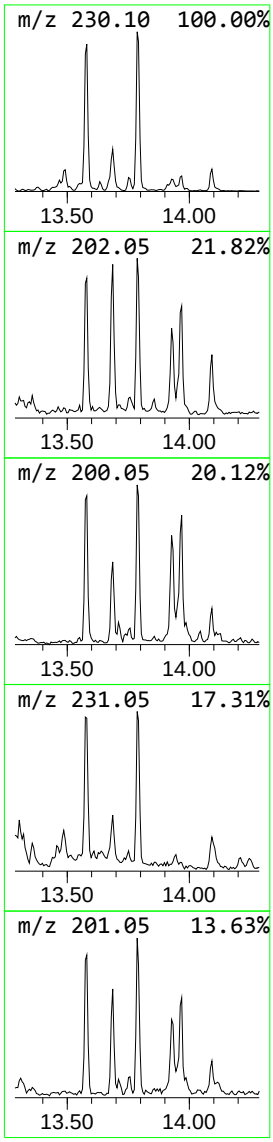
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	2.41 ng	339334	Chrysene-d12	13.939

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	91
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	80
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	53





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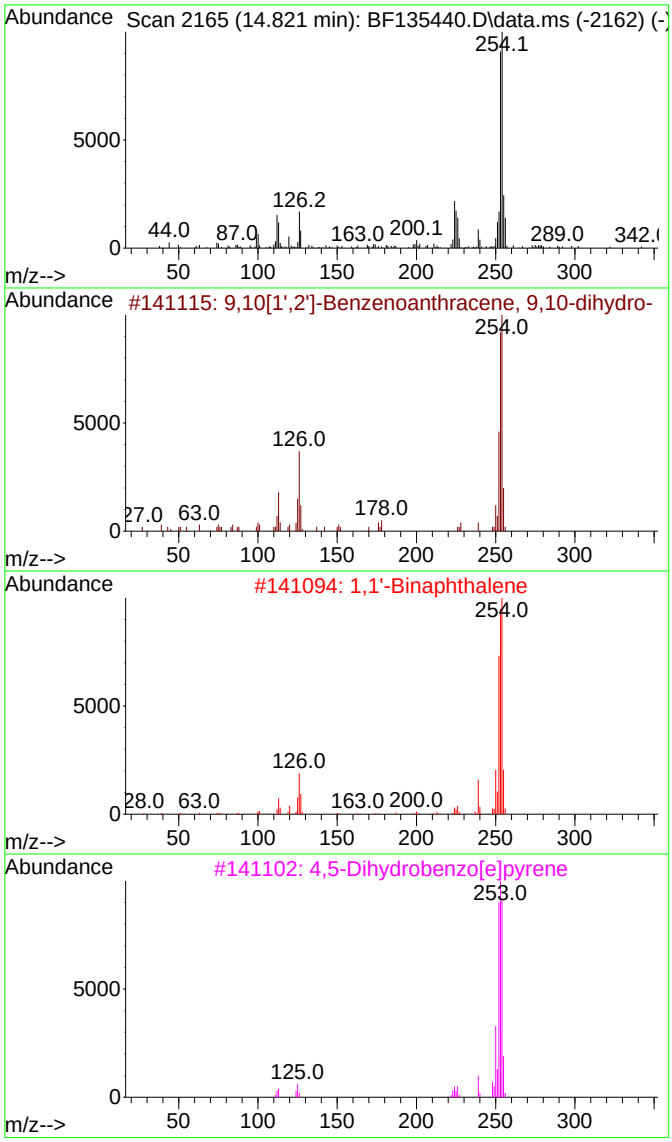
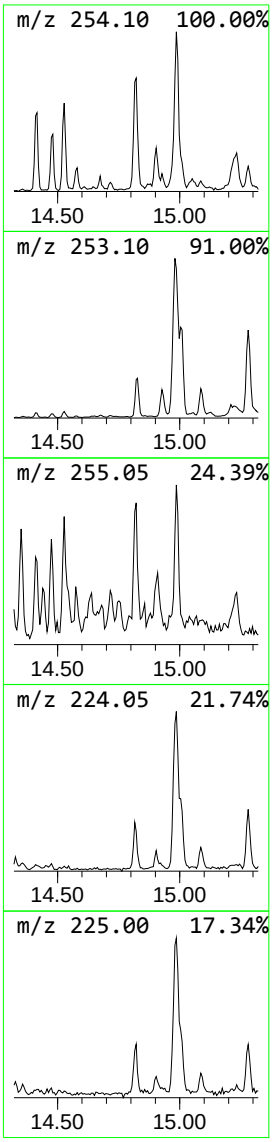
****
Peak Number 14 9,10[1',2']-Benzenoanthrace... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	2.56 ng	103541	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	74
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	72
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68





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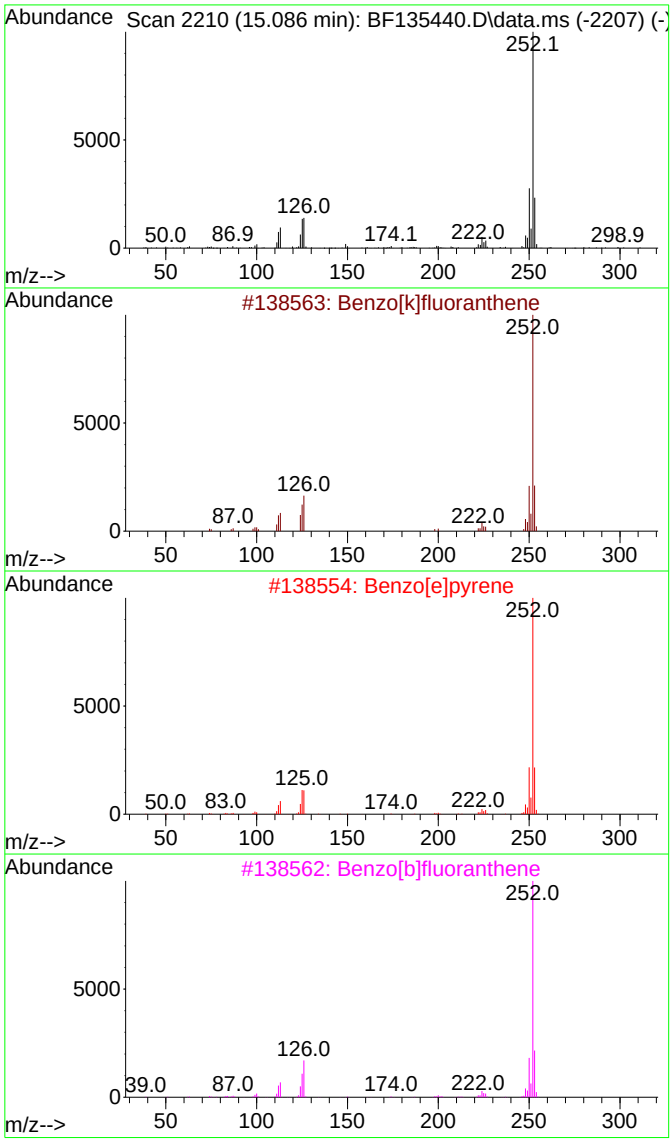
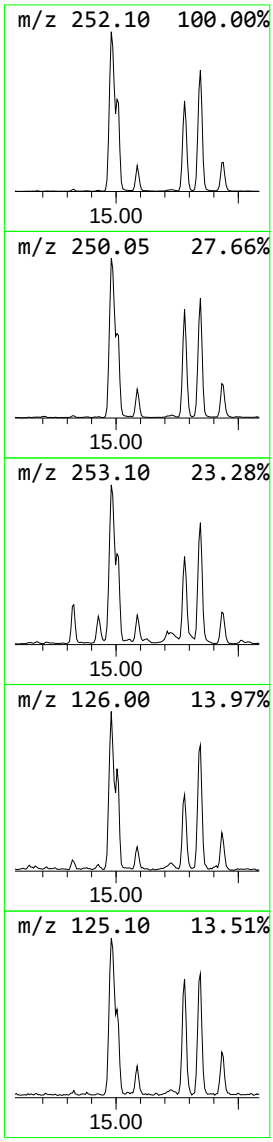
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	3.74 ng	151493	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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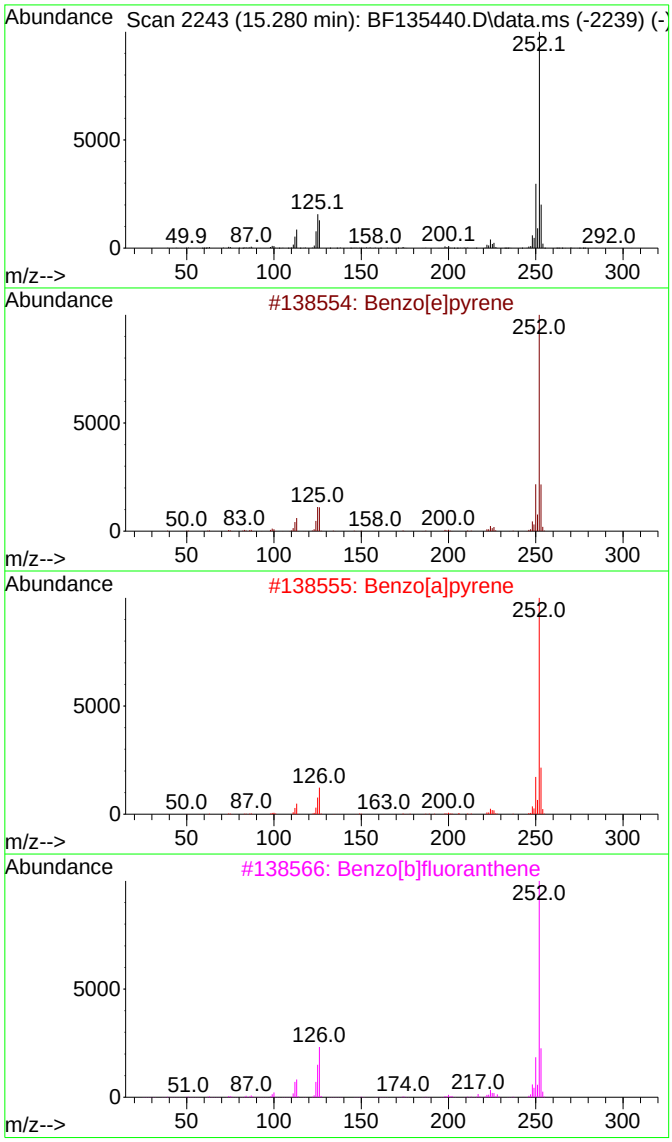
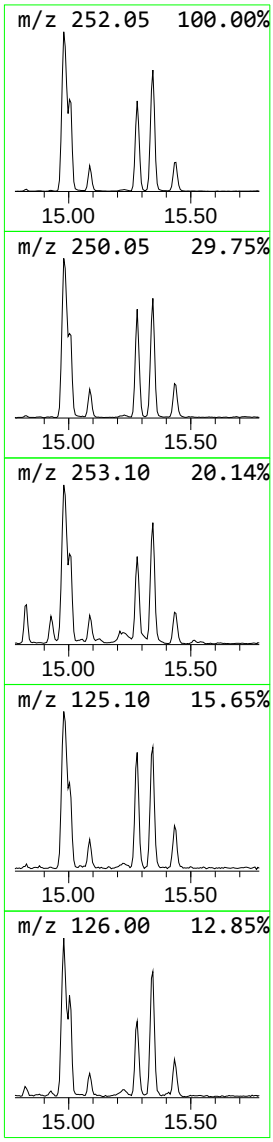
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	18.15 ng	734869	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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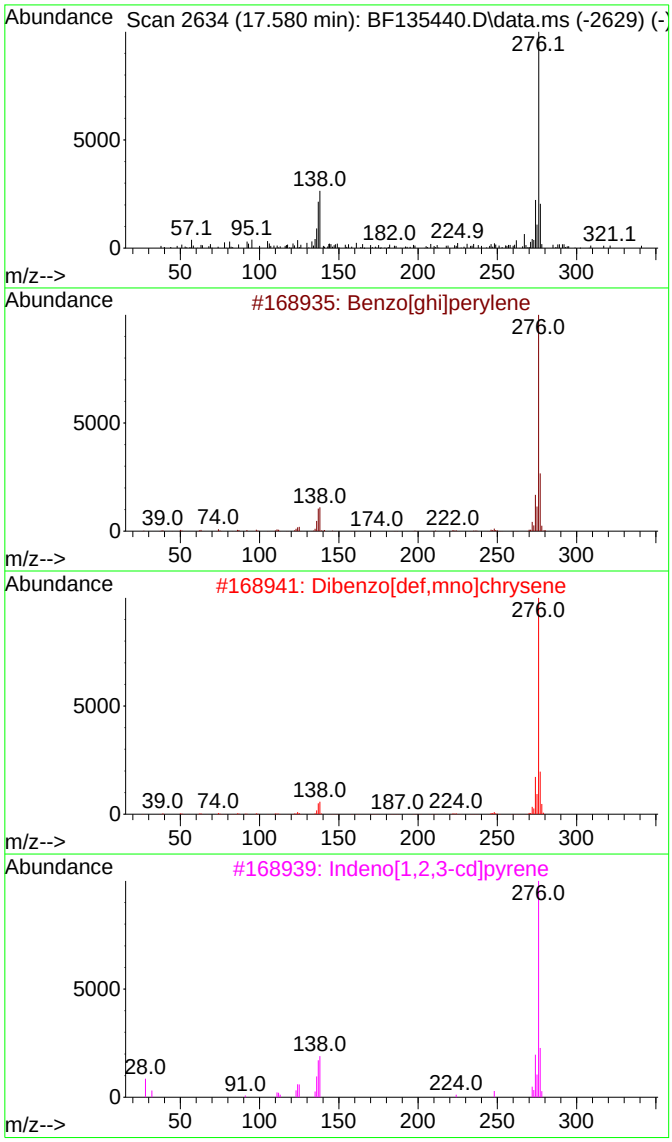
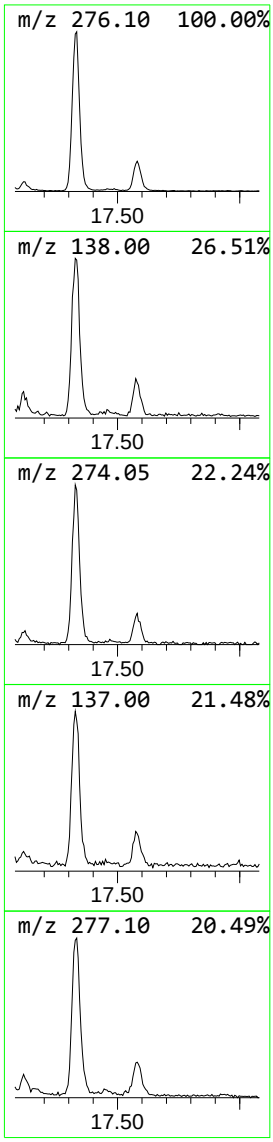
Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	2.90 ng	117547	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	74
4	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135440.D
Acq On : 25 Sep 2023 21:56
Operator : CG\JU
Sample : 04569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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-...	4.981	2.1	ng	121745	1	6.751	1151590	20.0
Phenanthrene, 2...	11.786	3.5	ng	199070	4	11.281	1148020	20.0
Phenanthrene, 1...	11.816	9.8	ng	561558	4	11.281	1148020	20.0
4H-Cyclopenta[d...	11.898	6.4	ng	368951	4	11.281	1148020	20.0
Anthracene, 1-m...	11.922	2.3	ng	131950	4	11.281	1148020	20.0
Naphthalene, 2-...	12.080	3.0	ng	171512	4	11.281	1148020	20.0
9,10-Anthracene...	12.116	4.5	ng	256245	4	11.281	1148020	20.0
Cyclopenta(def)...	12.427	3.1	ng	176896	4	11.281	1148020	20.0
11H-Benzo[b]flu...	13.063	2.2	ng	312524	5	13.939	2814000	20.0
Pyrene, 1-methyl-	13.163	2.2	ng	315221	5	13.939	2814000	20.0
11H-Benzo[a]flu...	13.574	2.1	ng	300227	5	13.939	2814000	20.0
Benzo[b]naphtho...	13.686	2.4	ng	331686	5	13.939	2814000	20.0
7H-Benz[de]anth...	13.786	2.4	ng	339334	5	13.939	2814000	20.0
9,10[1',2']-Ben...	14.821	2.6	ng	103541	6	15.404	809963	20.0
Benzo[e]pyrene	15.086	3.7	ng	151493	6	15.404	809963	20.0
Benzo[j]fluoran...	15.280	18.1	ng	734869	6	15.404	809963	20.0
Dibenzo[def,mno...	17.580	2.9	ng	117547	6	15.404	809963	20.0