LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	569	rBV	1996353	1712785	77.89%	4.722%
2	6.428	733	738	741	rBV	1819326	1807163	82.18%	4.982%
3	6.616	767	770	777	rBV3	46814	57029	2.59%	0.157%
4	6.787	796	799	803	rBV	717621	569586	25.90%	1.570%
5	7.351	890	895	898	rBV	1393500	1178574	53.60%	3.249%
6	8.069	1011	1017	1019	rBV	936970	782102	35.57%	2.156%
7	8.086	1019	1020	1025	rVB	154102	109424	4.98%	0.302%
8	8.781	1135	1138	1141	rVB	78096	58151	2.64%	0.160%
9	8.881	1152	1155	1158	rBV	56479	44011	2.00%	0.121%
10	9.145	1196	1200	1203	rBV	2736552	2156033	98.04%	5.944%
11	9.416	1238	1246	1249	rBV2	22427	33124	1.51%	0.091%
12	9.481	1254	1257	1260	rBV	42480	39887	1.81%	0.110%
13	9.828	1309	1316	1318	rBV	952049	863536	39.27%	2.381%
14	9.857	1318	1321	1325	rVB	329981	248463	11.30%	0.685%
15	10.028	1347	1350	1354	rBV	113204	106854	4.86%	0.295%
16	10.375	1405	1409	1415	rVB	168095	152288	6.93%	0.420%
17	10.533	1434	1436	1440	rVB	39739	35247	1.60%	0.097%
18	10.616	1446	1450	1454	rBV	1725129	1471964	66.94%	4.058%
19	10.745	1467	1472	1476	rBV3	78047	102667	4.67%	0.283%
20	10.927	1496	1503	1505	rBV4	29791	51428	2.34%	0.142%
21	11.122	1534	1536	1540	rVB	50441	41516	1.89%	0.114%
22	11.175	1540	1545	1549	rVV3	63507	98947	4.50%	0.273%
23	11.216	1549	1552	1557	rVB	85632	85299	3.88%	0.235%
24	11.316	1566	1569	1571	rBV	949283	894063	40.66%	2.465%
25	11.345	1571	1574	1577	rVV	1614900	1359593	61.83%	3.748%
26	11.392	1577	1582	1585	rVV	384350	349842	15.91%	0.965%
27	11.427	1585	1588	1592	rVV	69327	62798	2.86%	0.173%
28	11.551	1603	1609	1612	rBV2	270914	262577	11.94%	0.724%
29	11.616	1617	1620	1624	rVV3	51519	46660	2.12%	0.129%
30	11.774	1644	1647	1650	rBV3	28252	34162	1.55%	0.094%
31	11.822	1650	1655	1657	rVV	160963	156286	7.11%	0.431%
32	11.851	1657	1660	1665	rVV	533687	527898	24.01%	1.455%
33	11.898	1665	1668	1671	rVV	91281	88701	4.03%	0.245%
34	11.933	1671	1674	1677	rVV	288685	304968	13.87%	0.841%
35	11.957	1677	1678	1682	rVB	120087	74059	3.37%	0.204%
36	12.004	1682	1686	1688	rBV	33261	38321	1.74%	0.106%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.027	1688	1690	1693	rVV	59599	47231	2.15%	0.130%
38	12.122	1703	1706	1708	rBV	118564	94491	4.30%	0.261%
39	12.145	1708	1710	1713	rVB	78404	60877	2.77%	0.168%
40	12.269	1726	1731	1734	rBV3	46560	59945	2.73%	0.165%
41	12.304	1734	1737	1739	rVV2	36480	41637	1.89%	0.115%
42	12.321	1739	1740	1745	rVV	36196	32494	1.48%	0.090%
43	12.374	1745	1749	1752	rVV	81450	91179	4.15%	0.251%
44	12.416	1752	1756	1761	rVV3	67985	110395	5.02%	0.304%
45	12.463	1761	1764	1768	rVB2	59846	74027	3.37%	0.204%
46	12.539	1773	1777	1780	rBV	2239102	1960933	89.17%	5.406%
47	12.598	1783	1787	1790	rVB2	34189	48919	2.22%	0.135%
48	12.645	1791	1795	1798	rBV4	78477	102310	4.65%	0.282%
49	12.686	1800	1802	1806	rVV2	66100	73222	3.33%	0.202%
50	12.769	1810	1816	1822	rBV2	1748613	2030460	92.33%	5.598%
51	12.816	1822	1824	1832	rVB2	99909	106342	4.84%	0.293%
52	12.886	1832	1836	1838	rBV	122085	128484	5.84%	0.354%
53	12.916	1838	1841	1848	rVB	2571643	2199037	100.00%	6.063%
54	12.992	1848	1854	1857	rBV3	103485	181626	8.26%	0.501%
55	13.021	1857	1859	1861	rVB	60989	44992	2.05%	0.124%
56	13.074	1861	1868	1869	rBV6	97344	131680	5.99%	0.363%
57	13.098	1869	1872	1875	rVB	375840	349362	15.89%	0.963%
58	13.133	1875	1878	1879	rBV2	29470	30339	1.38%	0.084%
59	13.163	1879	1883	1886	rBV	291939	279129	12.69%	0.770%
60	13.204	1886	1890	1892	rBV2	173364	182469	8.30%	0.503%
61	13.227	1892	1894	1897	rVB	86405	71274	3.24%	0.197%
62	13.263	1897	1900	1902	rVB	38241	31243	1.42%	0.086%
63	13.292	1902	1905	1908	rBV	92052	90139	4.10%	0.249%
64	13.327	1908	1911	1914	rBV	107300	103356	4.70%	0.285%
65	13.498	1935	1940	1943	rBV6	71613	128688	5.85%	0.355%
66	13.527	1943	1945	1948	rVV2	88789	79012	3.59%	0.218%
67	13.586	1952	1955	1957	rBV3	49190	57135	2.60%	0.158%
68	13.610	1957	1959	1964	rVB	77737	89228	4.06%	0.246%
69	13.721	1973	1978	1980	rBV	178970	194952	8.87%	0.537%
70	13.751	1980	1983	1985	rVV	167840	165889	7.54%	0.457%
71	13.774	1985	1987	1988	rVV	122417	113811	5.18%	0.314%
72	13.821	1992	1995	2001	rVB2	239436	272183	12.38%	0.750%
73	13.892	2005	2007	2013	rVV	46492	59605	2.71%	0.164%
74	13.968	2013	2020	2024	rVV2	1226367	2019415	91.83%	5.568%
75	14.004	2024	2026	2031	rVB	991007	821218	37.34%	2.264%
76	14.080	2036	2039	2042	rVB	190103	160356	7.29%	0.442%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.168	2052	2054	2056	rVB	88431	58205	2.65%	0.160%
78	14.204	2058	2060	2063	rVB	122776	104334	4.74%	0.288%
79	14.363	2083	2087	2090	rBV	184488	184587	8.39%	0.509%
80	14.398	2090	2093	2096	rVB	91235	84821	3.86%	0.234%
81	14.457	2100	2103	2106	rVV2	140436	147727	6.72%	0.407%
82	14.486	2106	2108	2110	rVV2	110135	108186	4.92%	0.298%
83	14.510	2110	2112	2116	rVB4	149823	123469	5.61%	0.340%
84	14.674	2137	2140	2142	rBV3	68833	69674	3.17%	0.192%
85	14.757	2151	2154	2158	rBV4	39780	68878	3.13%	0.190%
86	14.863	2169	2172	2174	rVB	53769	50496	2.30%	0.139%
87	15.021	2194	2199	2202	rBV	951963	1431997	65.12%	3.948%
88	15.098	2210	2212	2214	rBV2	37074	34869	1.59%	0.096%
89	15.127	2214	2217	2221	rVB	178667	179687	8.17%	0.495%
90	15.215	2230	2232	2234	rBV2	37705	38453	1.75%	0.106%
91	15.327	2246	2251	2257	rVB	552175	756701	34.41%	2.086%
92	15.386	2257	2261	2267	rVB	812315	1022161	46.48%	2.818%
93	15.451	2267	2272	2275	rBV	582379	714867	32.51%	1.971%
94	15.480	2275	2277	2284	rVB2	266689	344846	15.68%	0.951%
95	15.939	2352	2355	2359	rBV3	40025	66669	3.03%	0.184%
96	16.009	2365	2367	2373	rVB2	58380	83834	3.81%	0.231%
97	16.945	2519	2526	2533	rVB2	382214	797361	36.26%	2.198%
98	17.180	2564	2566	2571	rVB	59629	77842	3.54%	0.215%
99	17.398	2596	2603	2613	rBV	293787	613523	27.90%	1.691%
100	17.639	2638	2644	2650	rVB2	89531	183090	8.33%	0.505%

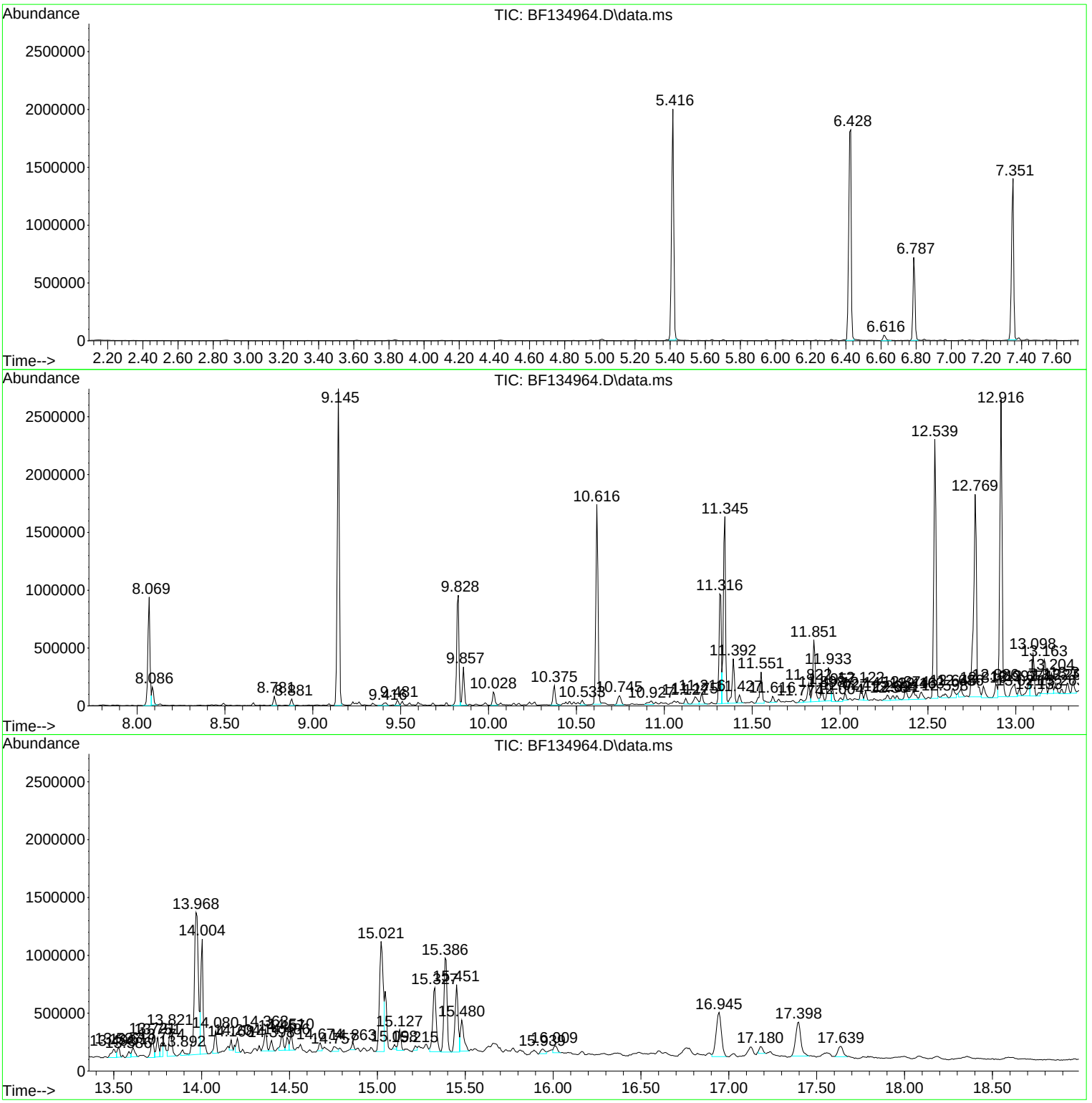
Sum of corrected areas: 36271367

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

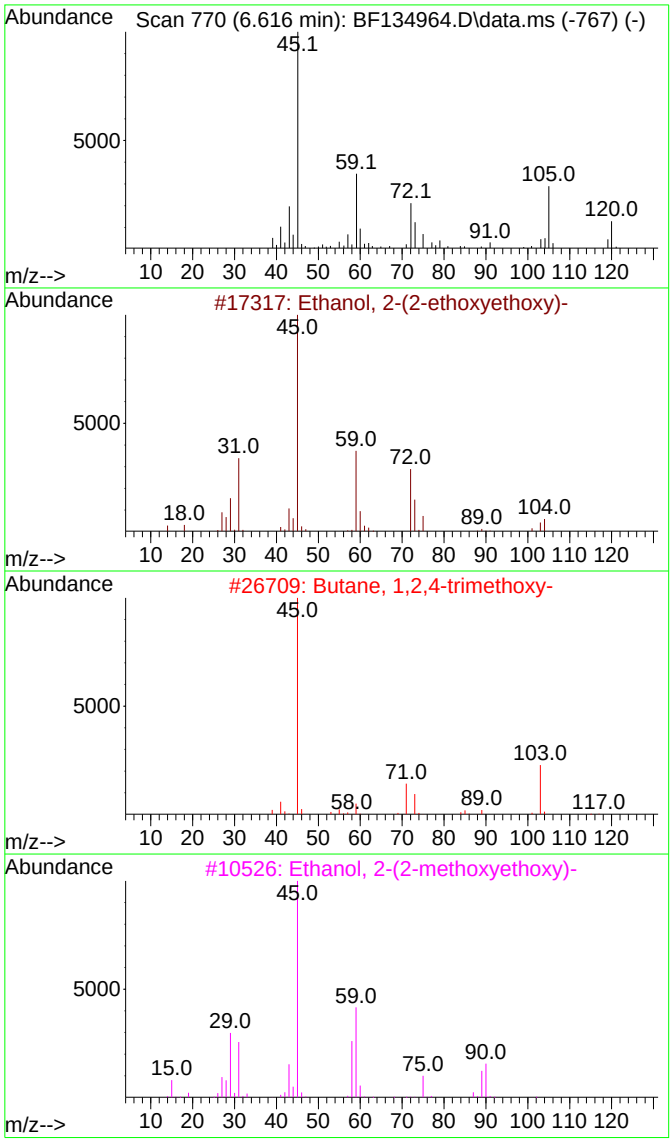
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

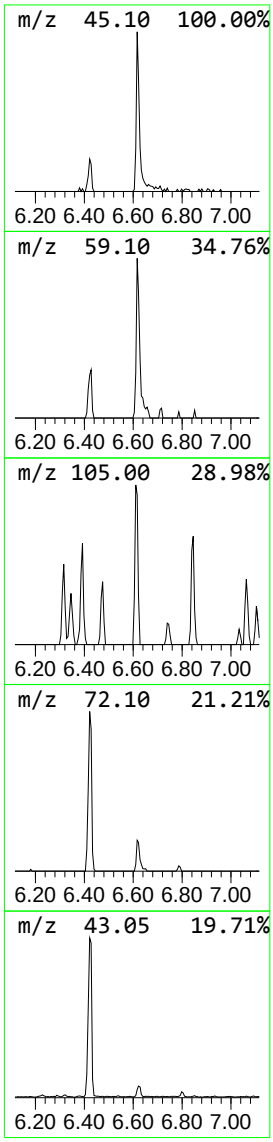
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	2.00 ng	57029	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Butane, 1,2,4-trimethoxy-	148	C7H16O3	020637-48-3	43
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38
4	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	37
5	Ethyl ether	74	C4H10O	000060-29-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

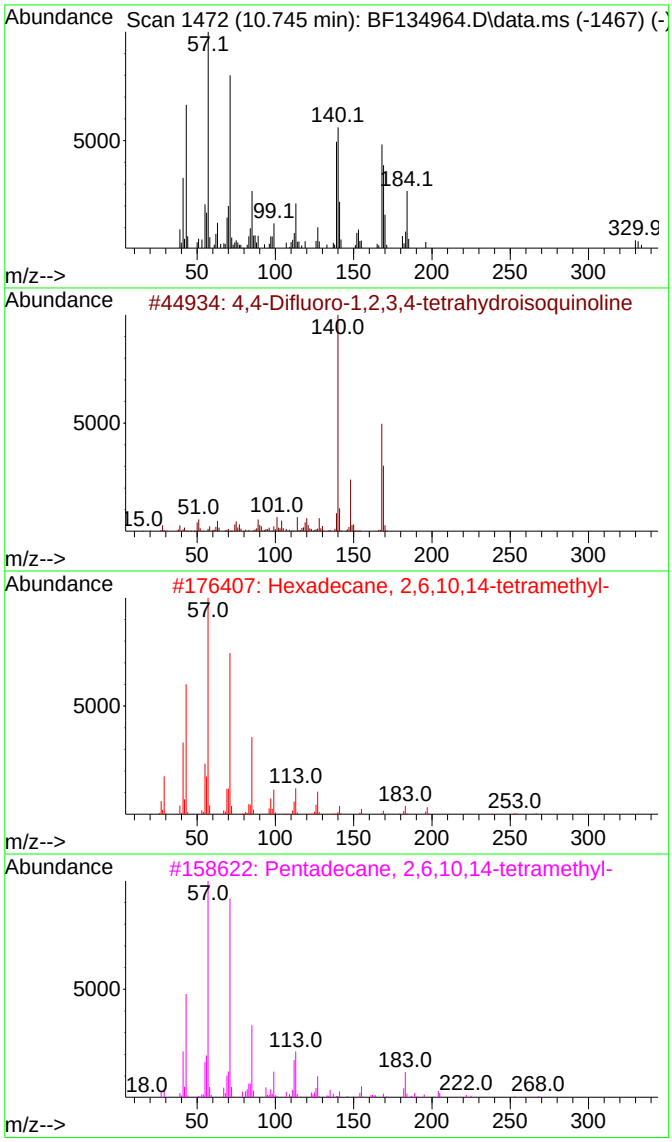
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

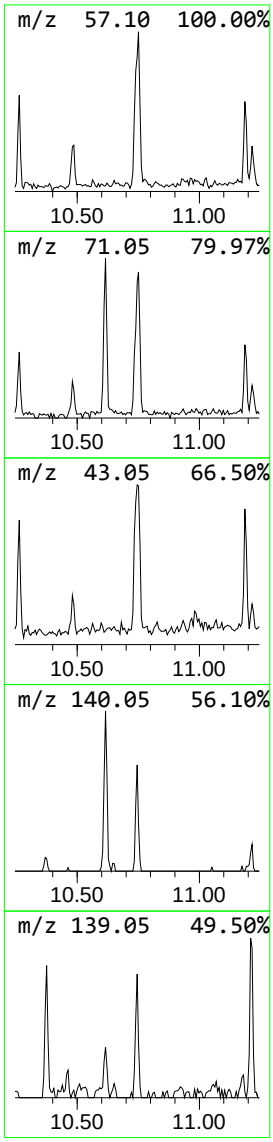
****

Peak Number 2 unknown10.745 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.30 ng	102667	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	30
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	22
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	22
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

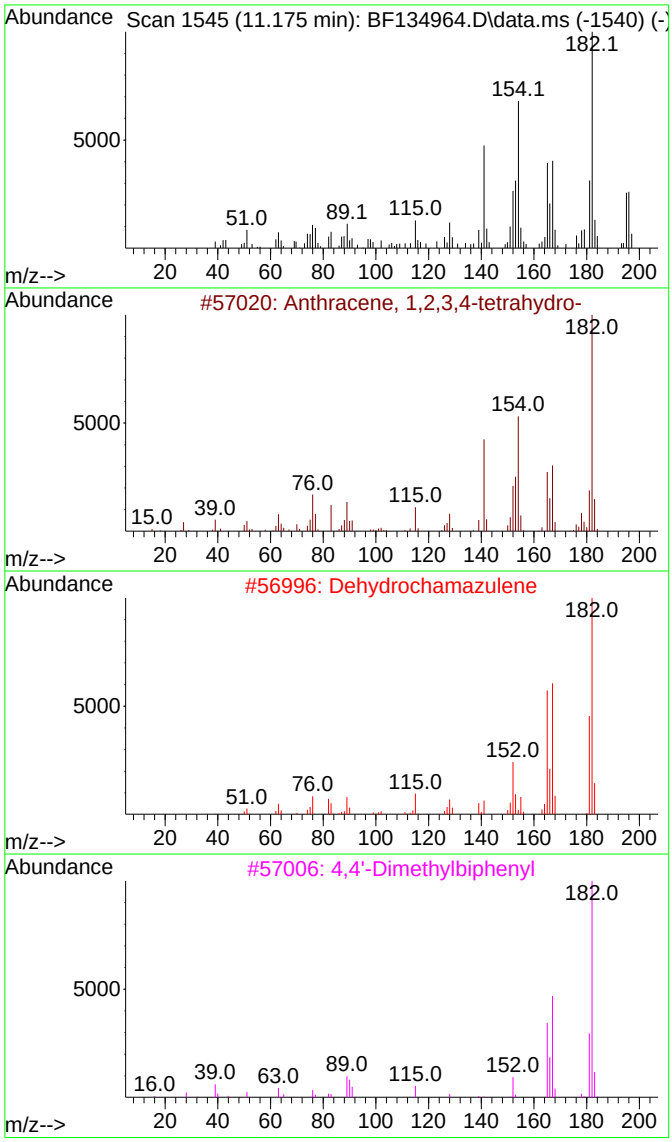
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

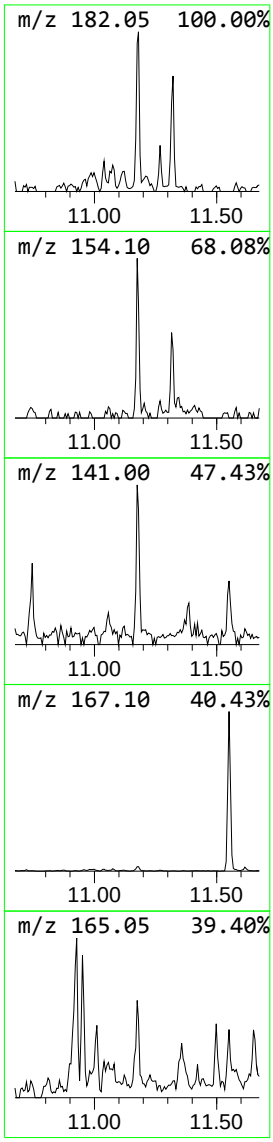
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.21 ng	98947	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Dehydrochamazulene	182	C14H14	321732-25-6	90
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	60
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

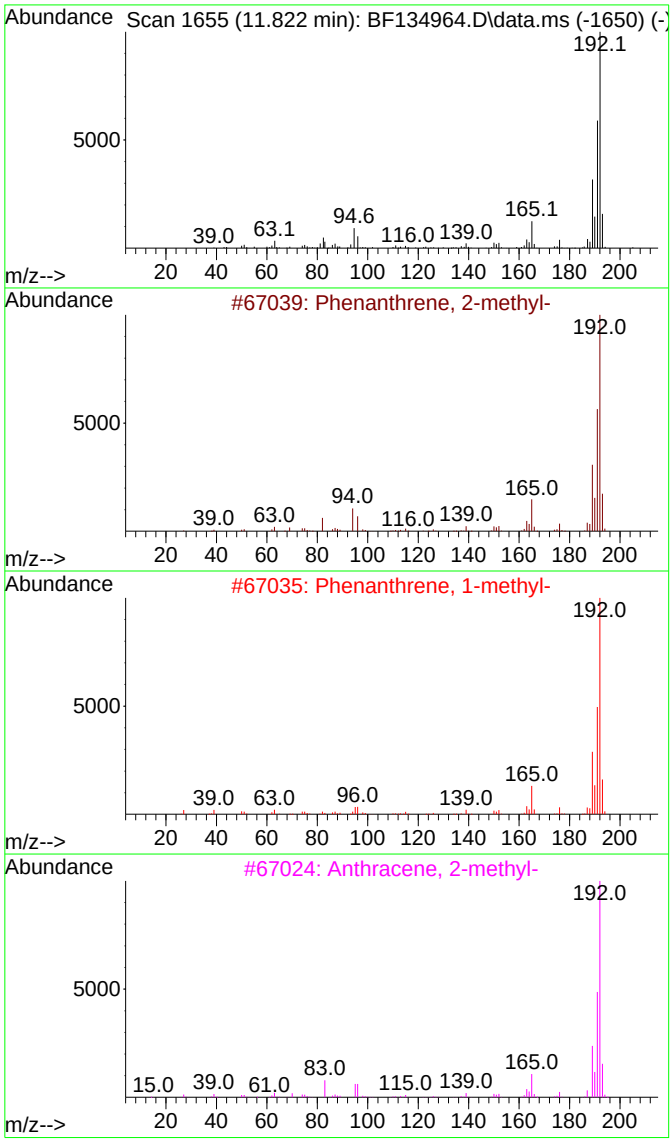
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

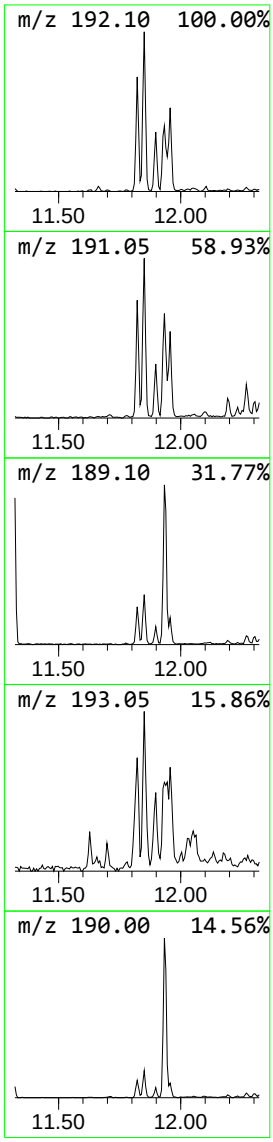
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.50 ng	156286	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

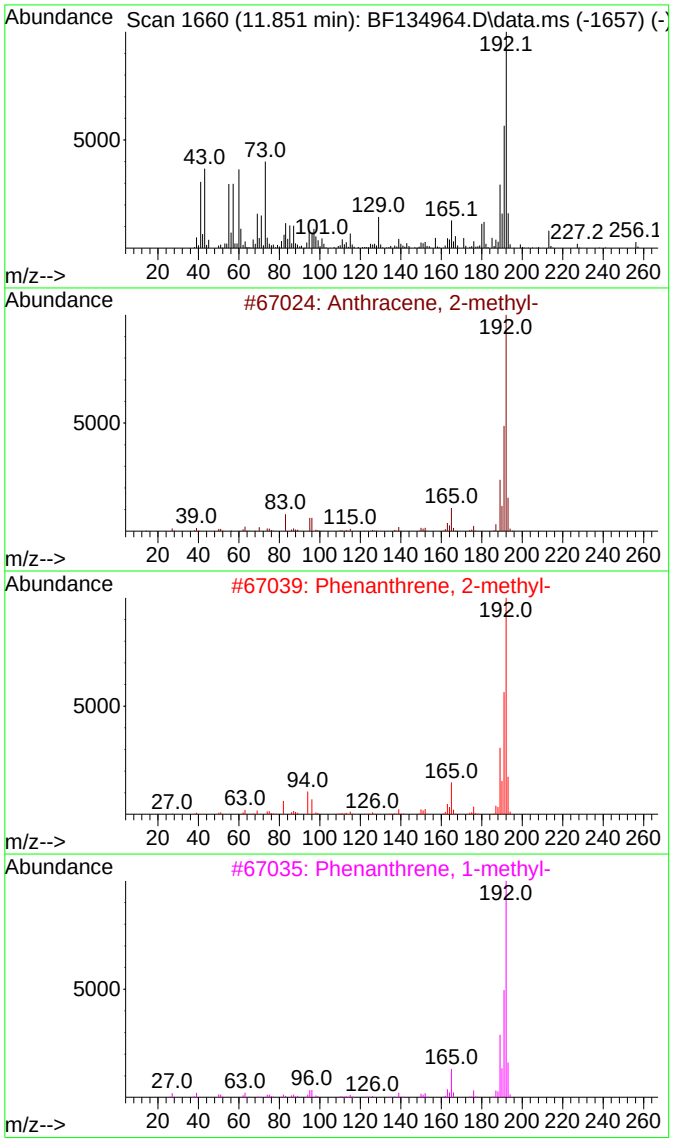
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

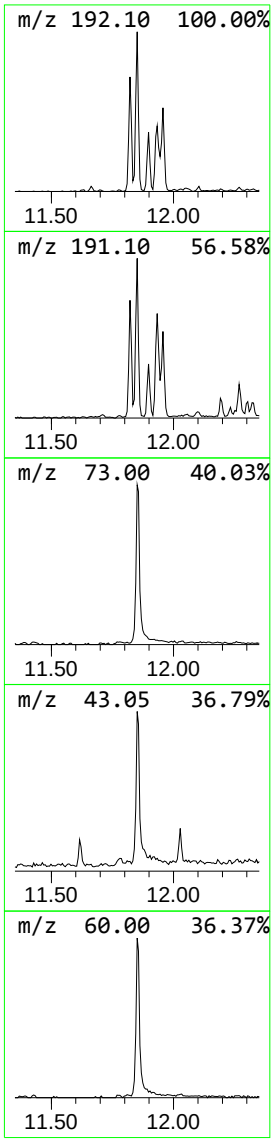
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	11.81 ng	527898	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

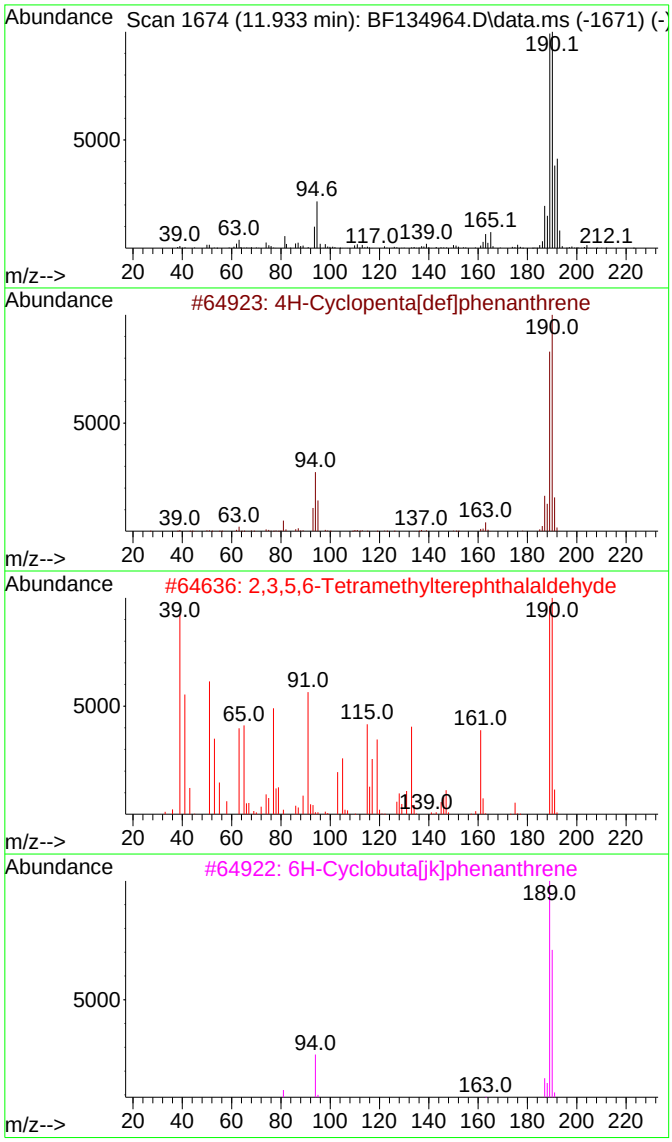
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

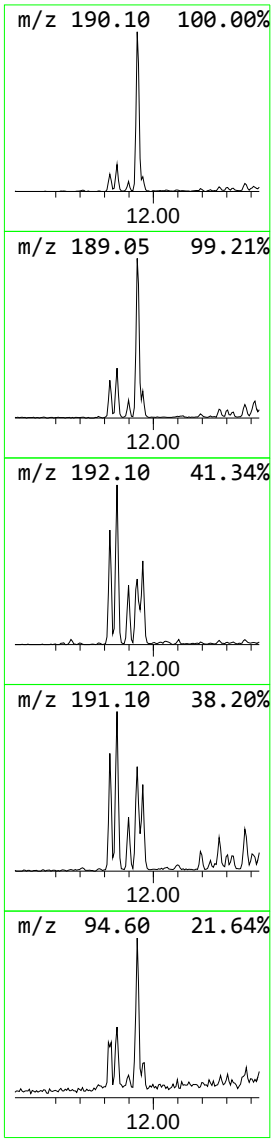
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.82 ng	304968	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

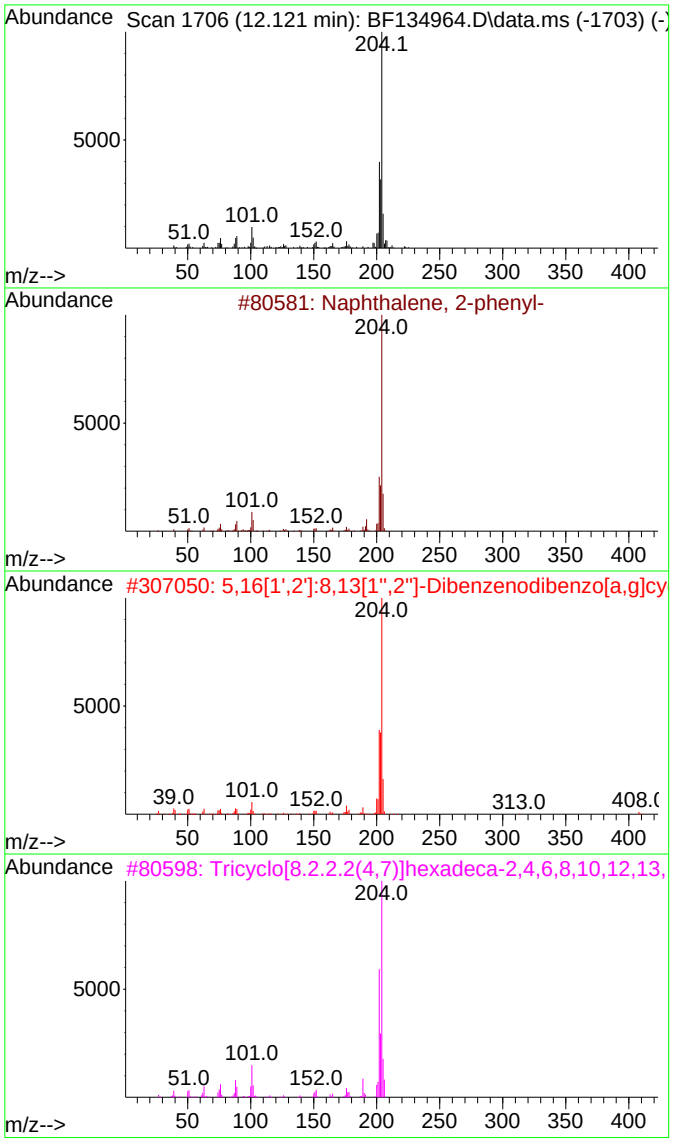
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

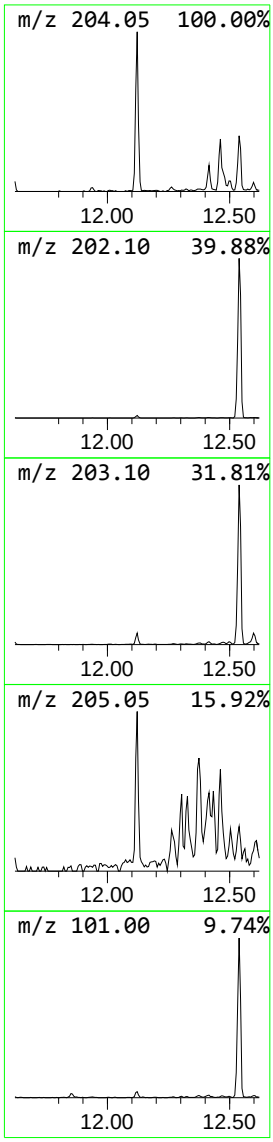
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.11 ng	94491	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

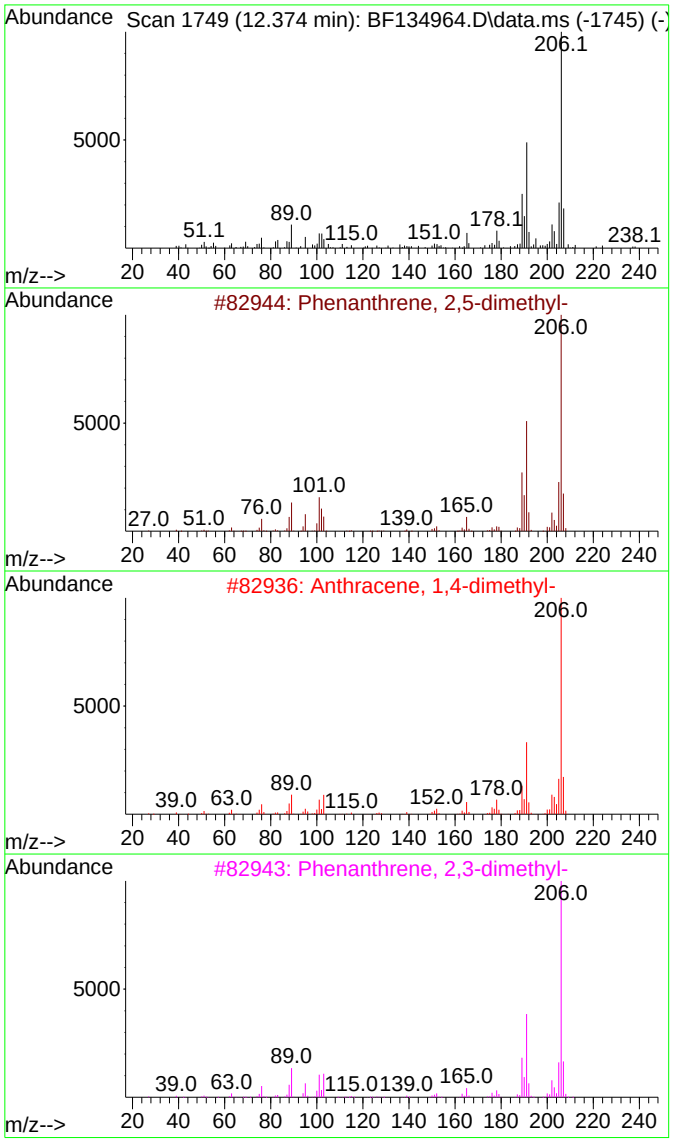
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

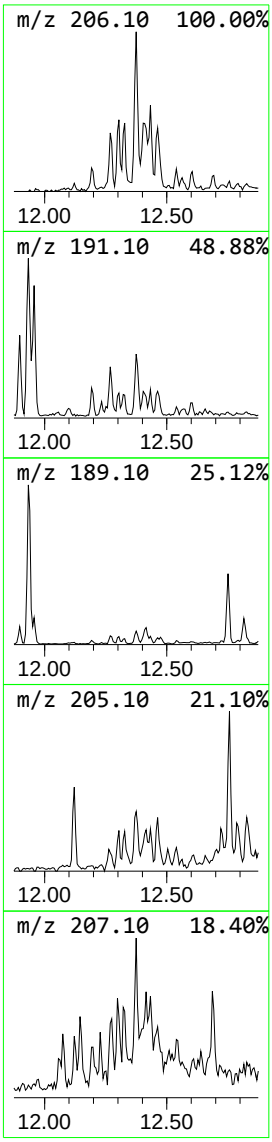
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.04 ng	91179	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

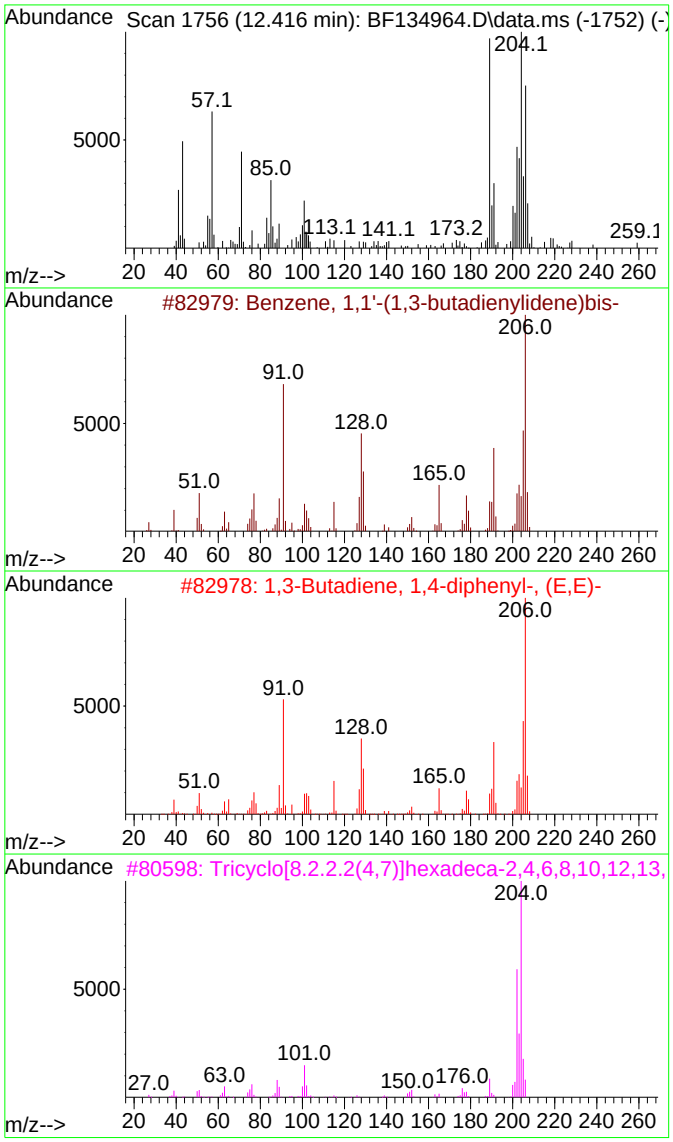
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

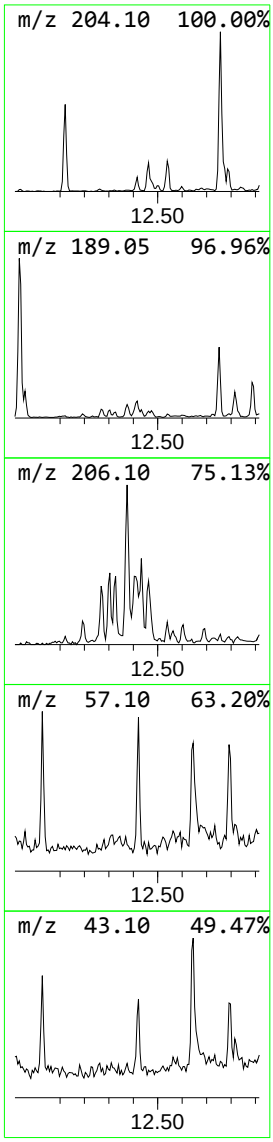
****

Peak Number 9 unknown12.416 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.47 ng	110395	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	25
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	22
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	22
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

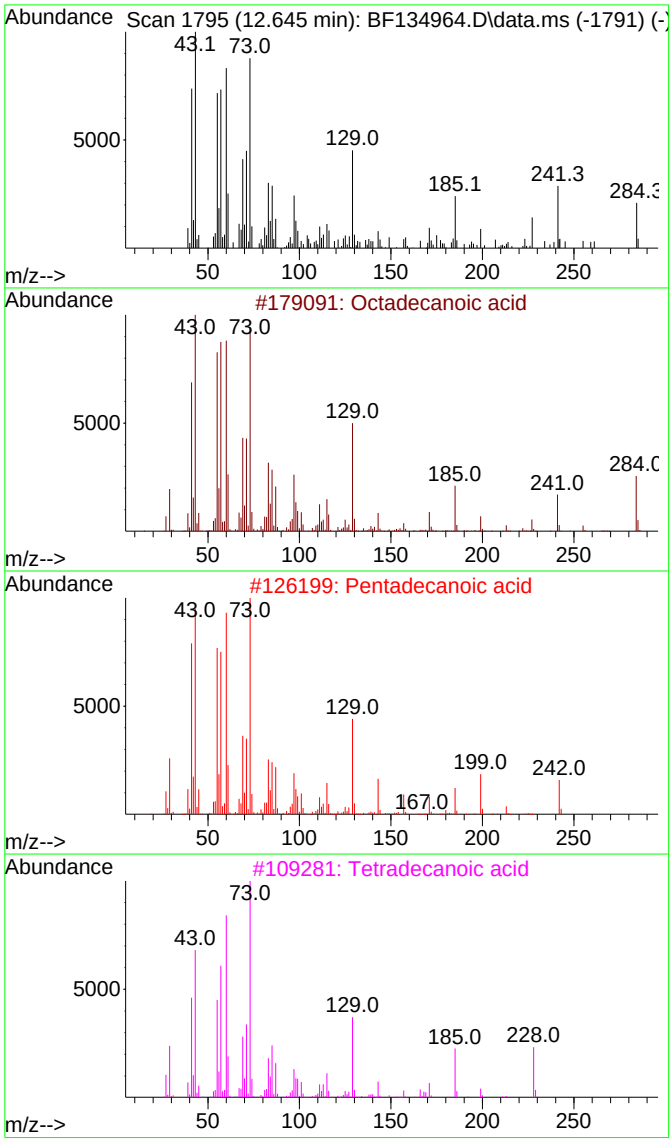
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

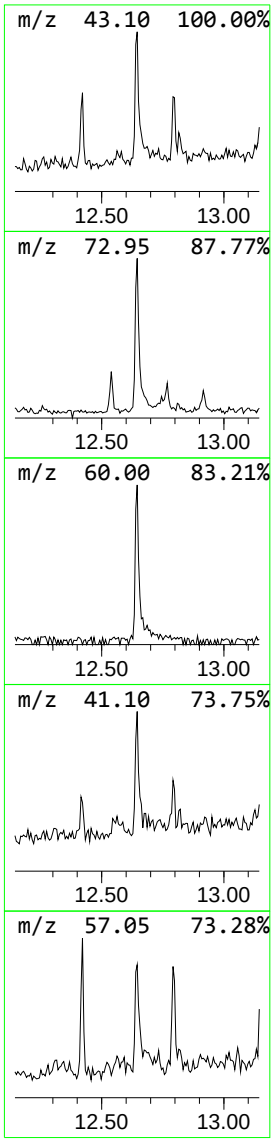
****

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.29 ng	102310	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

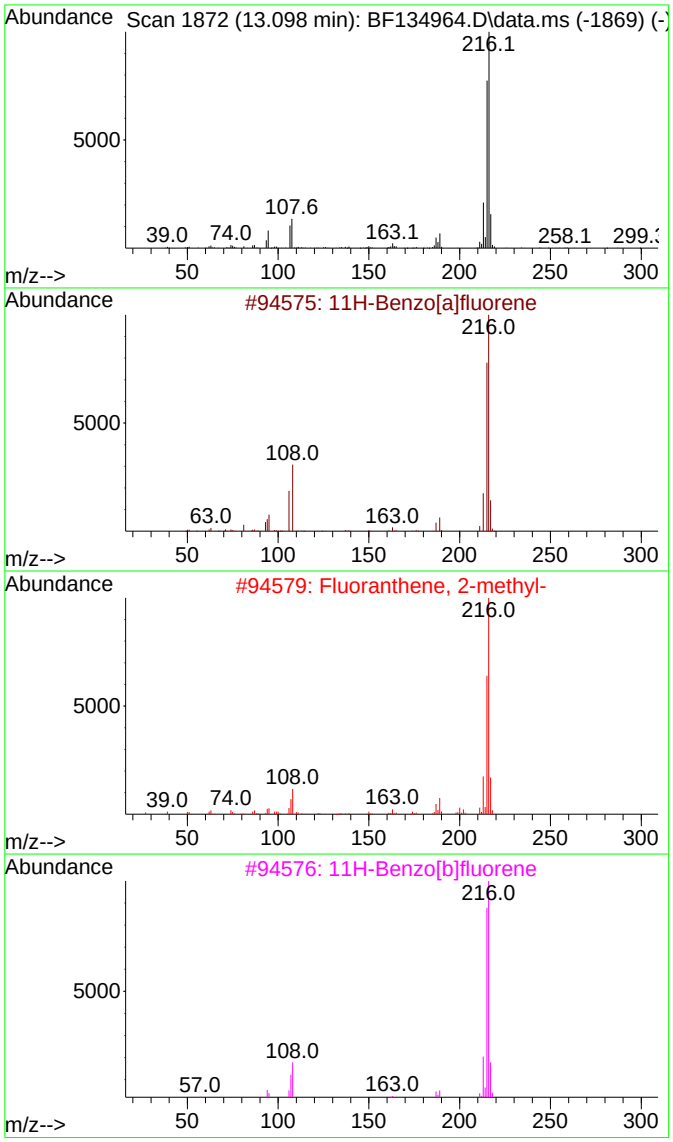
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

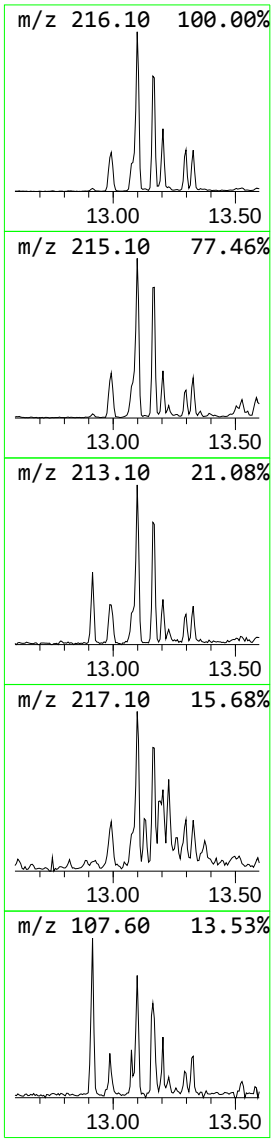
****

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.46 ng	349362	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

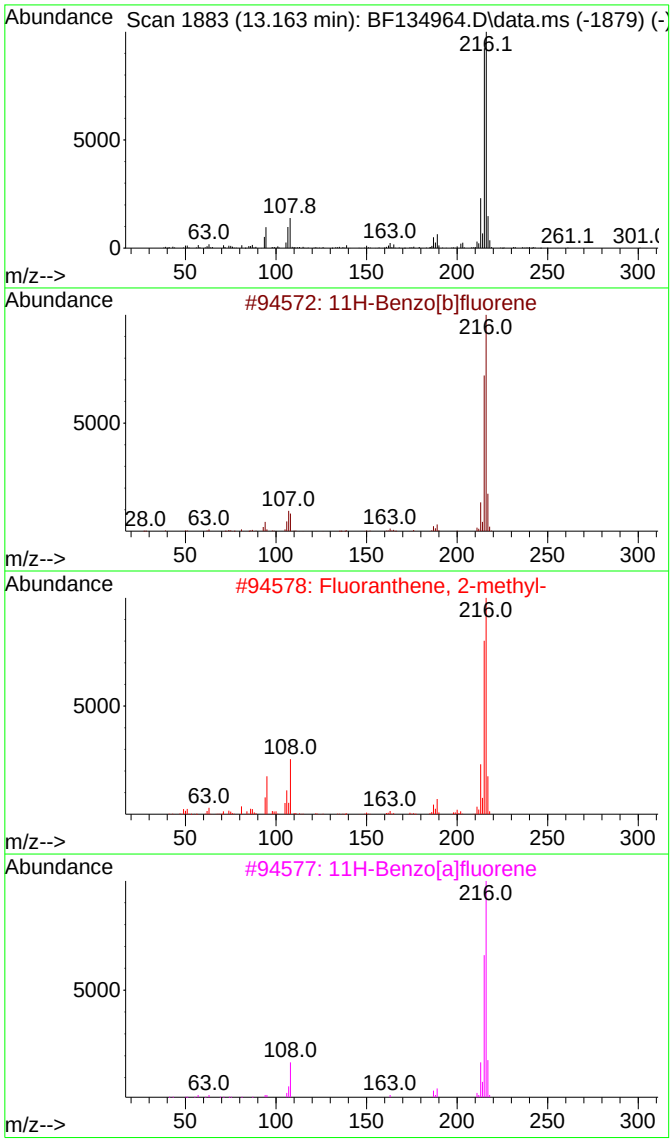
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

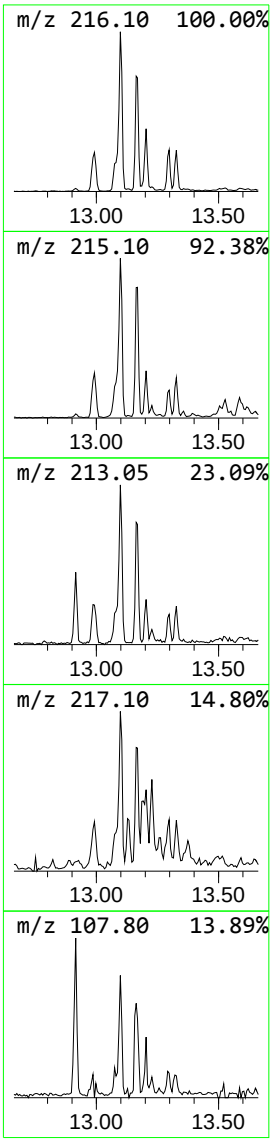
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.76 ng	279129	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

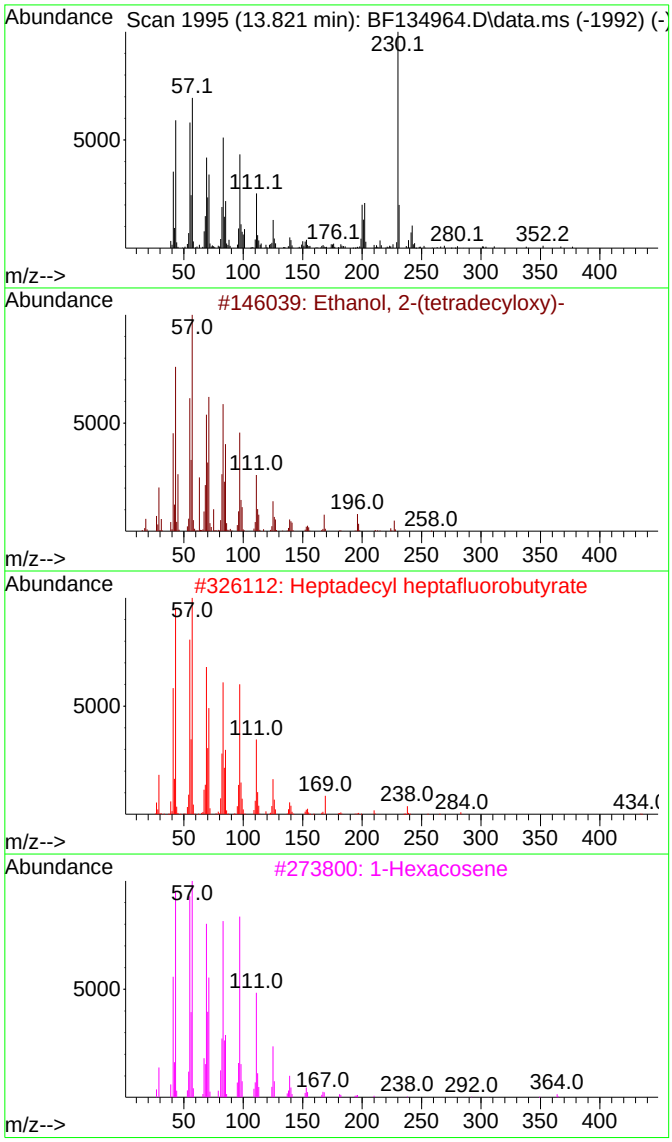
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

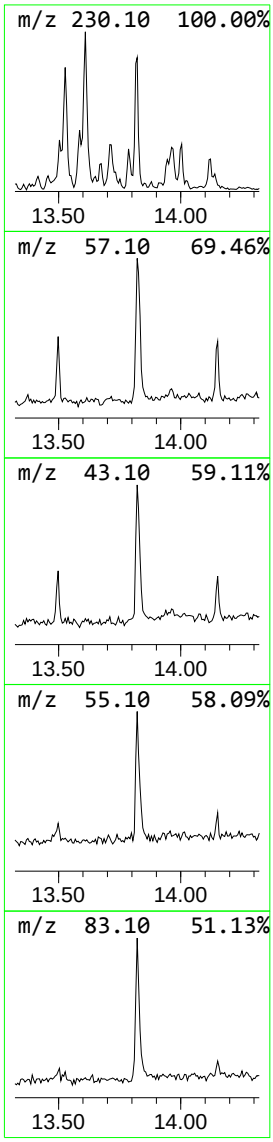
****

Peak Number 13 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	2.70 ng	272183	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
3	1-Hexacosene	364	C26H52	018835-33-1	81
4	Cycloeicosane	280	C20H40	000296-56-0	74
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

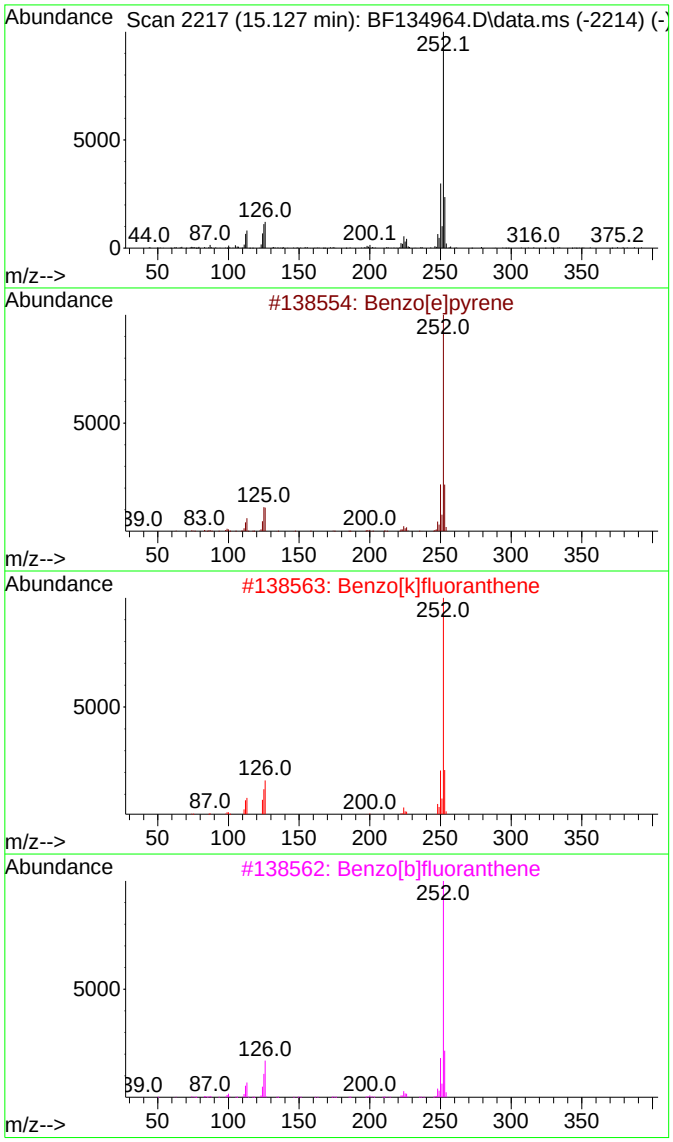
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

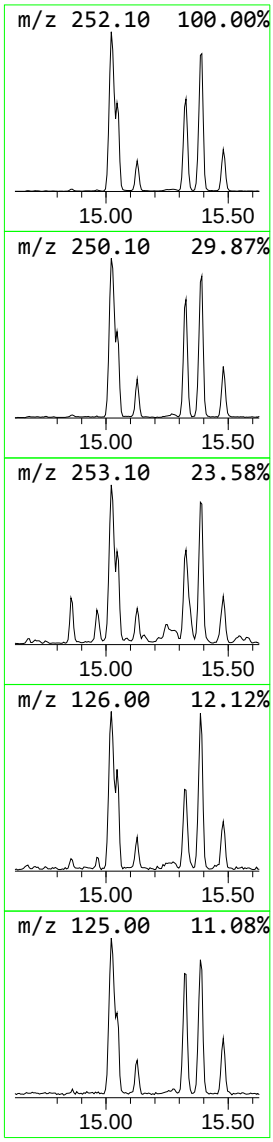
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	5.03 ng	179687	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

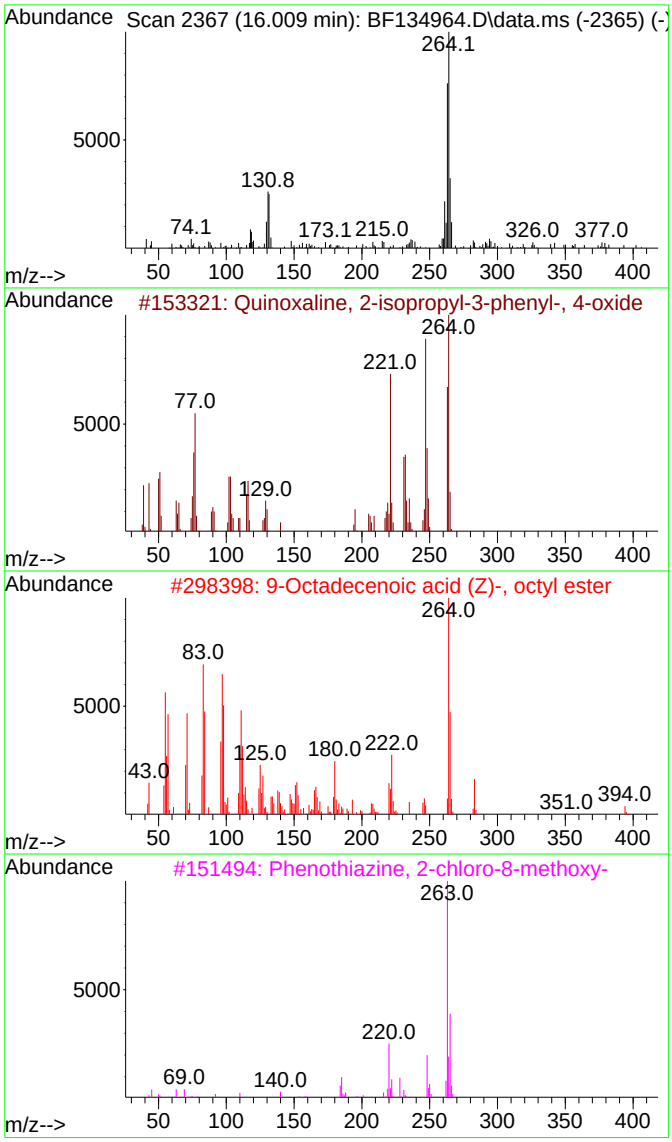
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

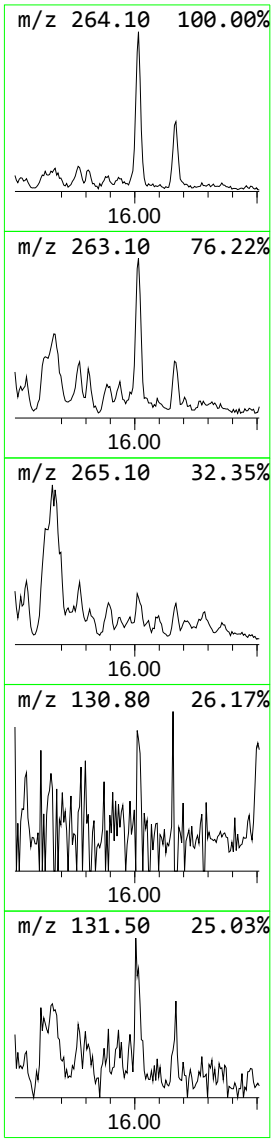
****

Peak Number 16 unknown16.009 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	2.35 ng	83834	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	38
2	9-Octadecenoic acid (Z)-, octyl ...	394	C26H50O2	032953-65-4	35
3	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	35
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
5	Benzo[a]pyrene - D12	264	C20D12	063466-71-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

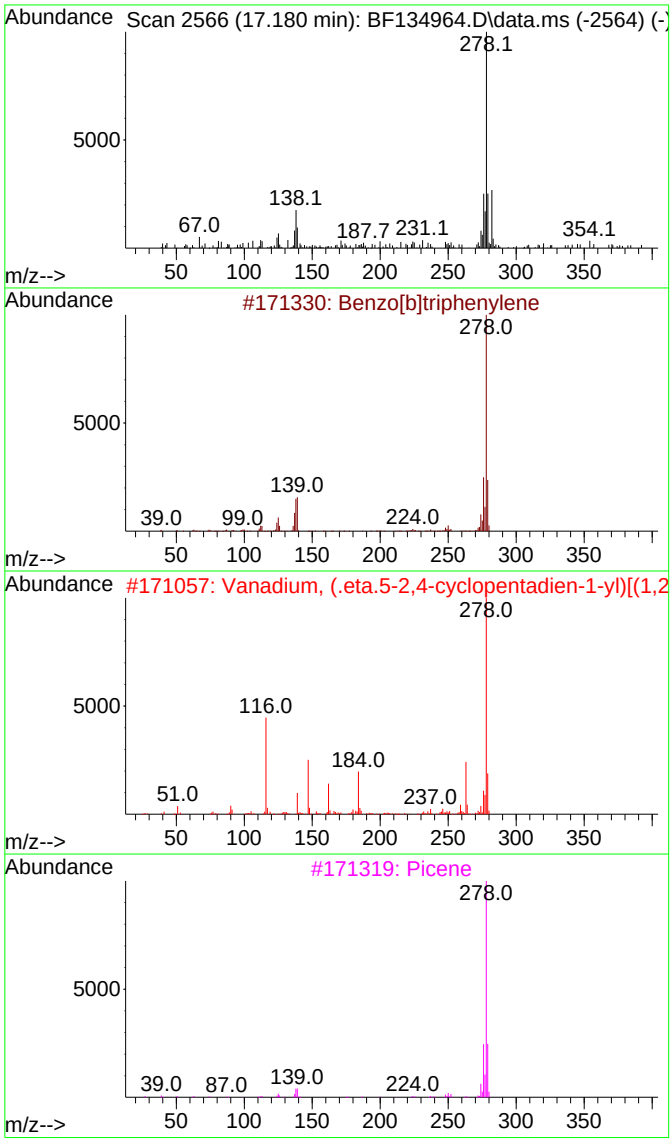
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

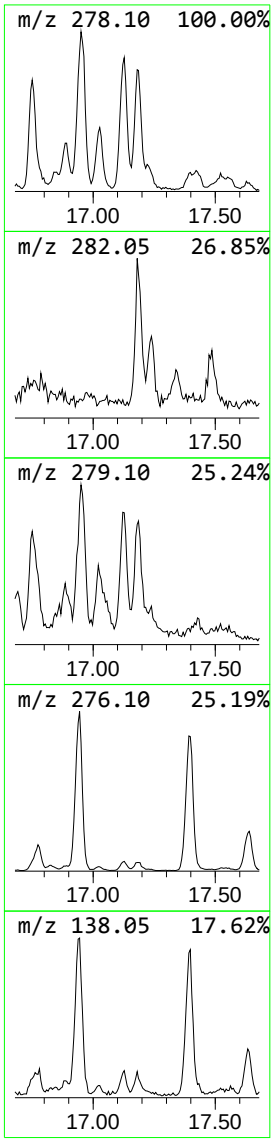
****

Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	2.18 ng	77842	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	70
3	Picene	278	C22H14	000213-46-7	64
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	64
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134964.D
Acq On : 28 Aug 2023 12:48
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Ethanol, 2-(2-e...	6.616	2.0	ng	57029	1	6.787	569586	20.0
unknown10.745	10.745	2.3	ng	102667	4	11.322	894063	20.0
Anthracene, 1,2...	11.175	2.2	ng	98947	4	11.322	894063	20.0
Phenanthrene, 2...	11.822	3.5	ng	156286	4	11.322	894063	20.0
Anthracene, 2-m...	11.851	11.8	ng	527898	4	11.322	894063	20.0
4H-Cyclopenta[d...	11.933	6.8	ng	304968	4	11.322	894063	20.0
Naphthalene, 2-...	12.121	2.1	ng	94491	4	11.322	894063	20.0
Phenanthrene, 2...	12.374	2.0	ng	91179	4	11.322	894063	20.0
unknown12.416	12.416	2.5	ng	110395	4	11.322	894063	20.0
Octadecanoic acid	12.645	2.3	ng	102310	4	11.322	894063	20.0
11H-Benzo[a]flu...	13.098	3.5	ng	349362	5	13.974	2019420	20.0
11H-Benzo[b]flu...	13.163	2.8	ng	279129	5	13.974	2019420	20.0
Ethanol, 2-(tet...	13.821	2.7	ng	272183	5	13.974	2019420	20.0
Benzo[e]pyrene	15.127	5.0	ng	179687	6	15.451	714867	20.0
unknown16.009	16.009	2.4	ng	83834	6	15.451	714867	20.0
Benzo[b]triphen...	17.180	2.2	ng	77842	6	15.451	714867	20.0