LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAPLE-2

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	440	445	457	rBV	1656325	2277906	43.70%	3.174%
2	5.604	508	513	524	rBV	4274997	4602869	88.30%	6.414%
3	6.598	677	682	685	rBV	4277062	4530585	86.91%	6.313%
4	6.963	741	744	748	rBV	1549984	1203899	23.10%	1.678%
5	7.534	836	841	844	rBV	3072797	3121617	59.89%	4.350%
6	8.245	959	962	966	rBV	1865458	1556997	29.87%	2.170%
7	8.822	1057	1060	1063	rVB	126841	87634	1.68%	0.122%
8	9.322	1141	1145	1148	rBV	5666920	5212663	100.00%	7.263%
9	9.587	1187	1190	1194	rBV	167877	158911	3.05%	0.221%
10	9.663	1199	1203	1205	rBV	103269	98210	1.88%	0.137%
11	9.869	1234	1238	1243	rVB	292739	247632	4.75%	0.345%
12	10.004	1258	1261	1265	rBV	1976951	1657009	31.79%	2.309%
13	10.039	1265	1267	1270	rVB	107533	81900	1.57%	0.114%
14	10.204	1292	1295	1299	rVB2	75038	86121	1.65%	0.120%
15	10.316	1311	1314	1317	rBV2	63943	72125	1.38%	0.100%
16	10.410	1325	1330	1336	rVB4	50920	88791	1.70%	0.124%
17	10.557	1351	1355	1360	rVB2	133339	144312	2.77%	0.201%
18	10.716	1376	1382	1386	rVB2	239400	253210	4.86%	0.353%
19	10.798	1392	1396	1400	rBV	3123065	3037831	58.28%	4.233%
20	11.104	1443	1448	1451	rBV2	83048	100616	1.93%	0.140%
21	11.228	1465	1469	1471	rBV2	61858	71990	1.38%	0.100%
22	11.257	1471	1474	1479	rVV2	63224	92195	1.77%	0.128%
23	11.304	1479	1482	1486	rVV	112878	114621	2.20%	0.160%
24	11.345	1486	1489	1492	rVV	78106	85696	1.64%	0.119%
25	11.398	1495	1498	1501	rVB	146431	129518	2.48%	0.180%
26	11.498	1512	1515	1517	rBV	1641423	1488724	28.56%	2.074%
27	11.528	1517	1520	1523	rVB	2133880	1907533	36.59%	2.658%
28	11.575	1525	1528	1531	rBV	331597	277106	5.32%	0.386%
29	11.733	1550	1555	1559	rBV2	93551	138916	2.66%	0.194%
30	11.792	1563	1565	1569	rVV	119177	102485	1.97%	0.143%
31	11.833	1569	1572	1576	rVB2	143345	136768	2.62%	0.191%
32	12.004	1598	1601	1604	rBV2	582900	688433	13.21%	0.959%
33	12.033	1604	1606	1609	rVV	617004	498313	9.56%	0.694%
34	12.080	1611	1614	1616	rVV	112361	93582	1.80%	0.130%
35	12.116	1616	1620	1622	rVV2	606883	656008	12.58%	0.914%
36	12.139	1622	1624	1627	rVB	374536	285950	5.49%	0.398%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.298	1648	1651	1653	rBV	347433	292360	5.61%	0.407%
38	12.328	1653	1656	1662	rVB	314996	286585	5.50%	0.399%
39	12.445	1674	1676	1679	rVB	80192	65468	1.26%	0.091%
40	12.480	1679	1682	1684	rVB	101659	77281	1.48%	0.108%
41	12.504	1684	1686	1688	rVB2	98040	73123	1.40%	0.102%
42	12.551	1691	1694	1697	rBV	282744	319804	6.14%	0.446%
43	12.592	1697	1701	1703	rVV3	131479	186185	3.57%	0.259%
44	12.610	1703	1704	1707	rVB	107989	71576	1.37%	0.100%
45	12.645	1707	1710	1718	rVB2	311740	375873	7.21%	0.524%
46	12.722	1719	1723	1727	rVB	3444779	3219825	61.77%	4.486%
47	12.757	1727	1729	1731	rBV	91299	80367	1.54%	0.112%
48	12.780	1731	1733	1736	rVV	87489	83871	1.61%	0.117%
49	12.816	1736	1739	1742	rVV	245802	191035	3.66%	0.266%
50	12.851	1742	1745	1747	rVV2	82983	80854	1.55%	0.113%
51	12.875	1747	1749	1751	rVV	123458	109714	2.10%	0.153%
52	12.933	1755	1759	1760	rBV	550189	532505	10.22%	0.742%
53	12.957	1760	1763	1768	rVB	2977369	2843358	54.55%	3.962%
54	12.998	1768	1770	1773	rBV2	171796	153922	2.95%	0.214%
55	13.086	1778	1785	1789	rBV	4101351	4207721	80.72%	5.863%
56	13.169	1794	1799	1803	rBV3	272597	486731	9.34%	0.678%
57	13.257	1810	1814	1815	rBV2	231182	253570	4.86%	0.353%
58	13.280	1815	1818	1820	rVB2	457699	426460	8.18%	0.594%
59	13.345	1827	1829	1832	rBV	229084	177053	3.40%	0.247%
60	13.386	1832	1836	1839	rVV2	408294	412219	7.91%	0.574%
61	13.480	1849	1852	1854	rBV	229178	200157	3.84%	0.279%
62	13.510	1854	1857	1860	rBV	245567	211085	4.05%	0.294%
63	13.592	1869	1871	1875	rVB3	63777	68892	1.32%	0.096%
64	13.792	1902	1905	1909	rVB	438693	383754	7.36%	0.535%
65	13.904	1919	1924	1926	rBV2	404948	448887	8.61%	0.625%
66	13.927	1926	1928	1931	rVV	332687	325043	6.24%	0.453%
67	13.969	1931	1935	1938	rVV2	477735	720567	13.82%	1.004%
68	14.004	1938	1941	1945	rVV	407783	422381	8.10%	0.589%
69	14.074	1948	1953	1957	rBV	112784	195717	3.75%	0.273%
70	14.151	1961	1966	1969	rVV2	2192779	3290052	63.12%	4.584%
71	14.186	1969	1972	1979	rVV	1762655	1810181	34.73%	2.522%
72	14.239	1979	1981	1983	rVV3	75113	65878	1.26%	0.092%
73	14.263	1983	1985	1987	rVV	194694	160343	3.08%	0.223%
74	14.304	1989	1992	1998	rVV3	251980	369443	7.09%	0.515%
75	14.386	2002	2006	2008	rVV2	148431	212683	4.08%	0.296%
76	14.416	2008	2011	2013	rVB2	103447	90539	1.74%	0.126%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAPLE-2

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.504	2024	2026	2028	rBV2	112984	107483	2.06%	0.150%
78	14.545	2028	2033	2035	rVV	409869	428404	8.22%	0.597%
79	14.574	2036	2038	2043	rVV2	180893	225501	4.33%	0.314%
80	14.674	2052	2055	2057	rBV2	186405	187998	3.61%	0.262%
81	14.692	2057	2058	2063	rVB3	170714	137092	2.63%	0.191%
82	14.745	2065	2067	2070	rVB	105261	91087	1.75%	0.127%
83	14.869	2086	2088	2091	rBV2	83356	103975	1.99%	0.145%
84	15.063	2117	2121	2128	rVB3	153065	275567	5.29%	0.384%
85	15.233	2145	2150	2153	rBV	1504197	2334894	44.79%	3.253%
86	15.263	2153	2155	2160	rVV	861964	953566	18.29%	1.329%
87	15.310	2160	2163	2166	rVV	104355	137434	2.64%	0.191%
88	15.345	2166	2169	2174	rVB	289990	347830	6.67%	0.485%
89	15.439	2182	2185	2187	rBV2	84862	111769	2.14%	0.156%
90	15.557	2200	2205	2211	rVB	897700	1143142	21.93%	1.593%
91	15.621	2211	2216	2221	rBV	1221186	1571498	30.15%	2.190%
92	15.686	2222	2227	2231	rVV	793532	1180168	22.64%	1.644%
93	15.721	2231	2233	2240	rVB2	308072	434256	8.33%	0.605%
94	16.139	2299	2304	2310	rBV2	219415	378577	7.26%	0.528%
95	16.204	2311	2315	2321	rBV3	70781	145037	2.78%	0.202%
96	17.262	2488	2495	2508	rBV2	437804	1042353	20.00%	1.452%
97	17.451	2522	2527	2532	rBV	69203	126956	2.44%	0.177%
98	17.510	2534	2537	2544	rVB3	70060	136318	2.62%	0.190%
99	17.739	2570	2576	2589	rVB	315988	707847	13.58%	0.986%
100	17.998	2617	2620	2627	rVB2	50746	86757	1.66%	0.121%

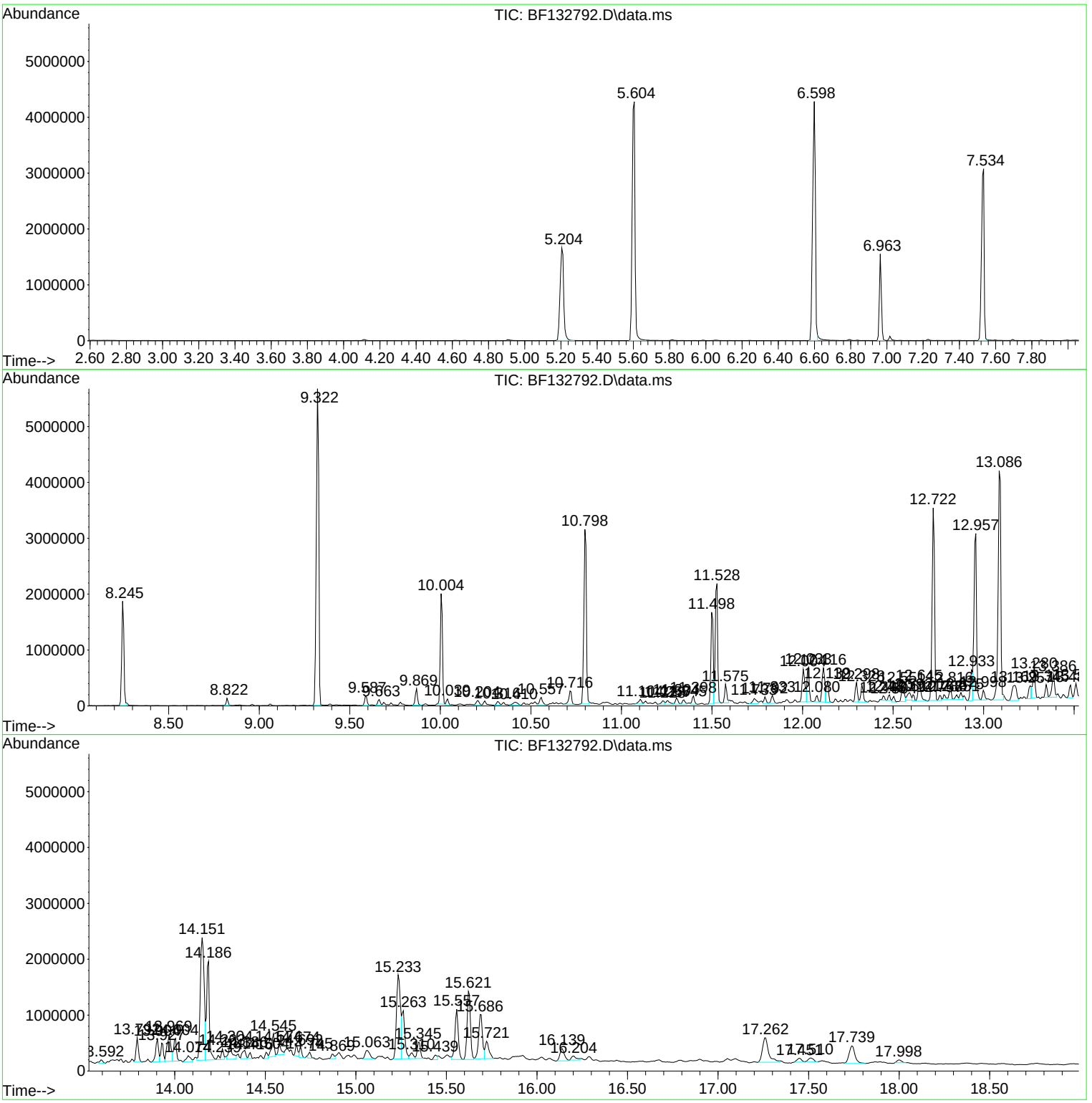
Sum of corrected areas: 71767247

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

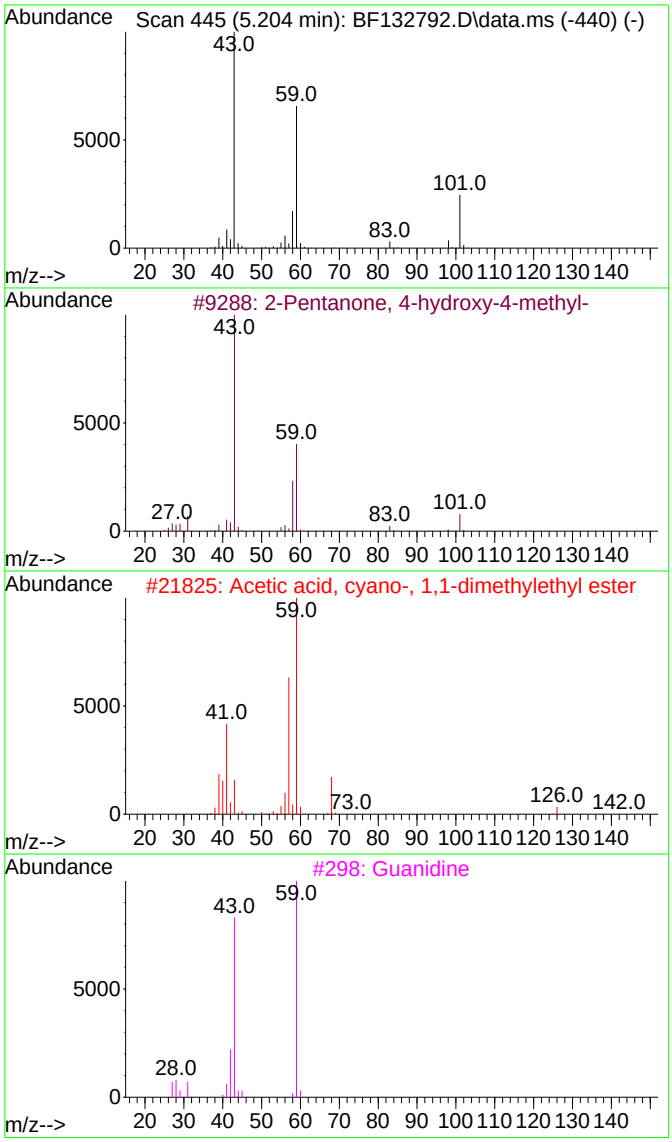
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

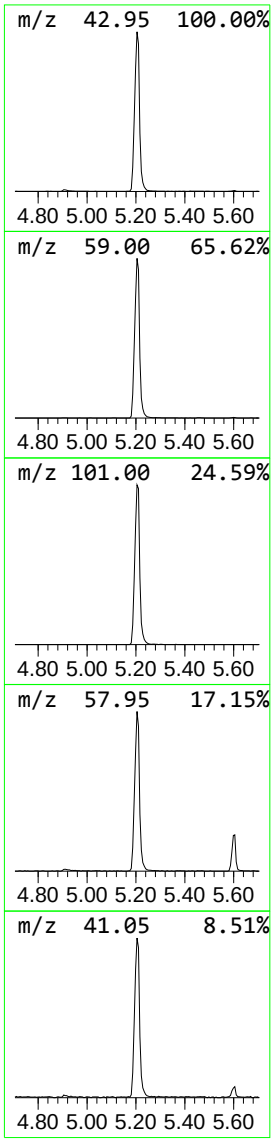
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.204	37.84 ng	2277910	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	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\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

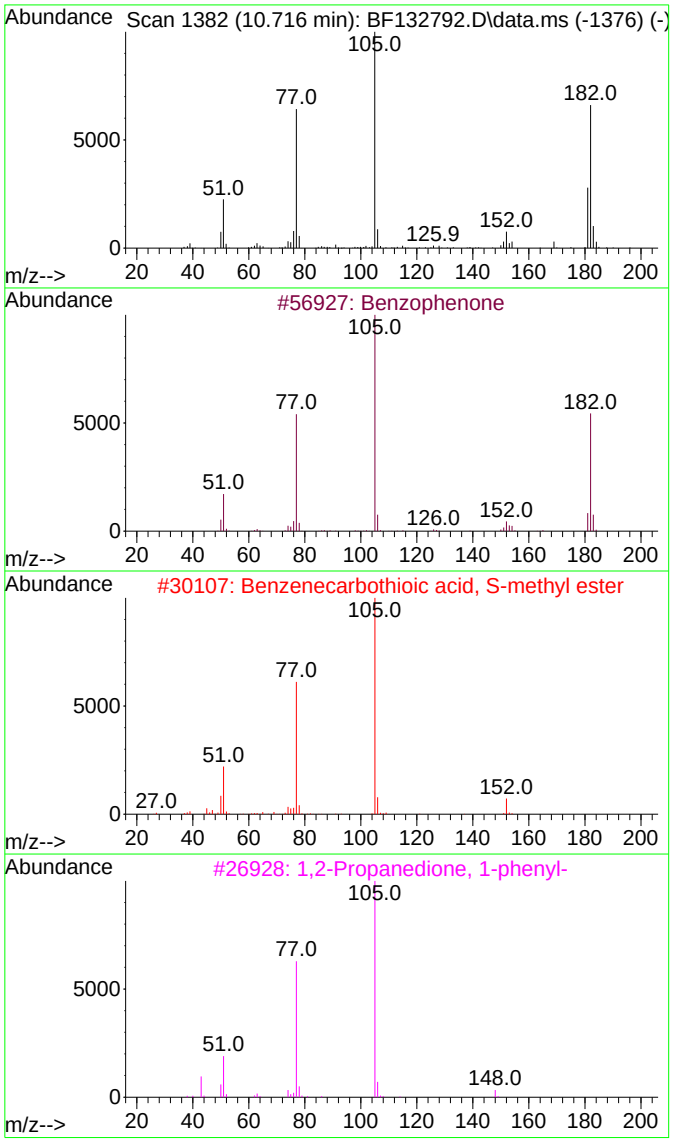
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

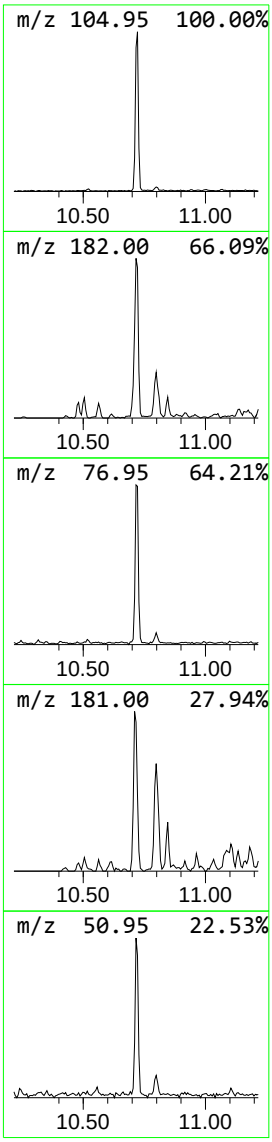
****

Peak Number 2 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	3.06 ng	253210	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	38
4	.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	38
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

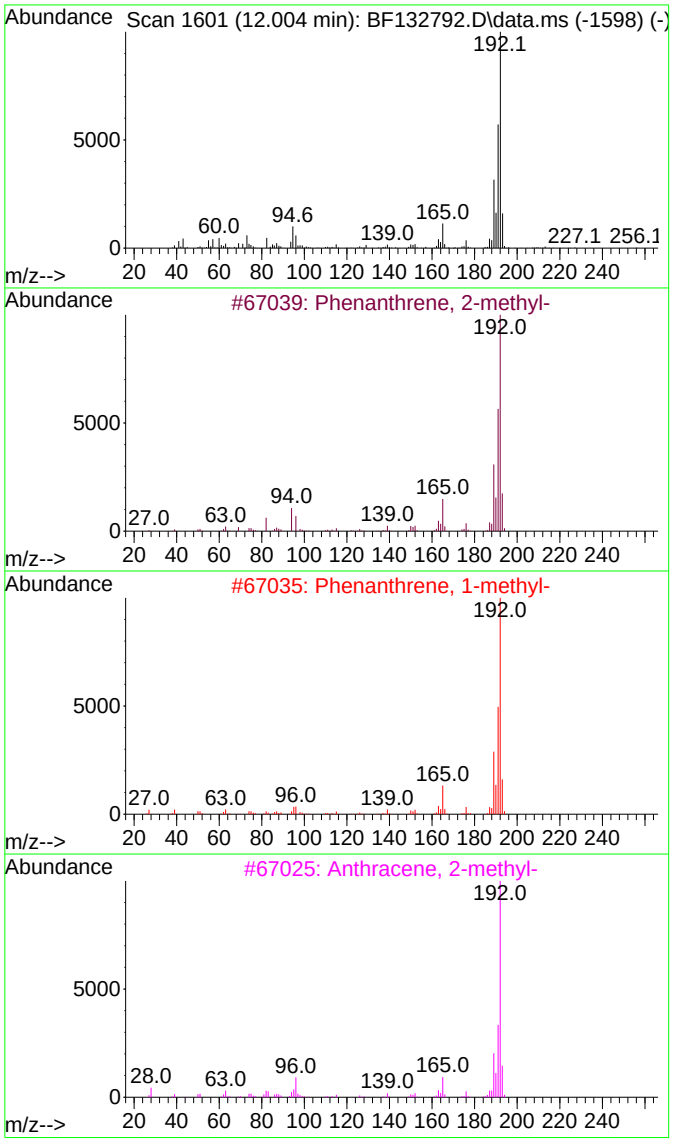
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

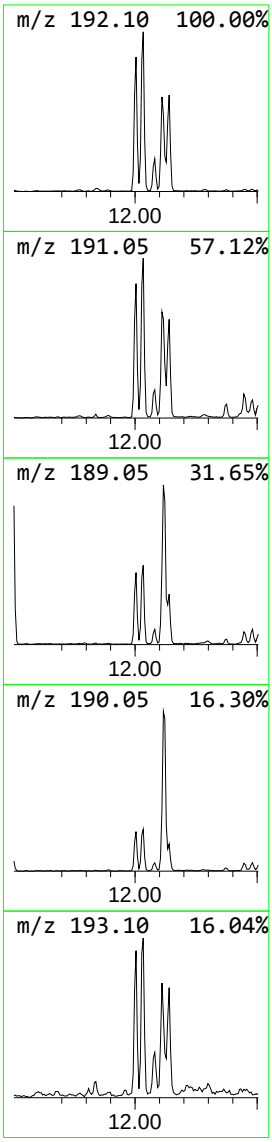
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	9.25 ng	688433	Phenanthrene-d10	11.498

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

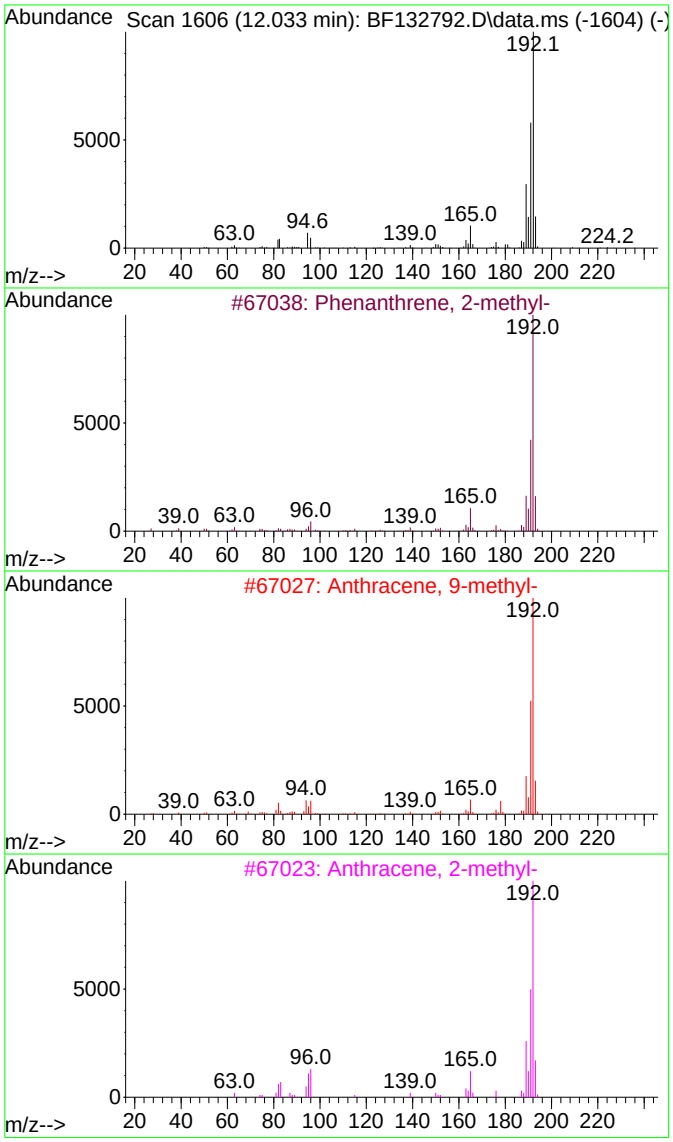
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

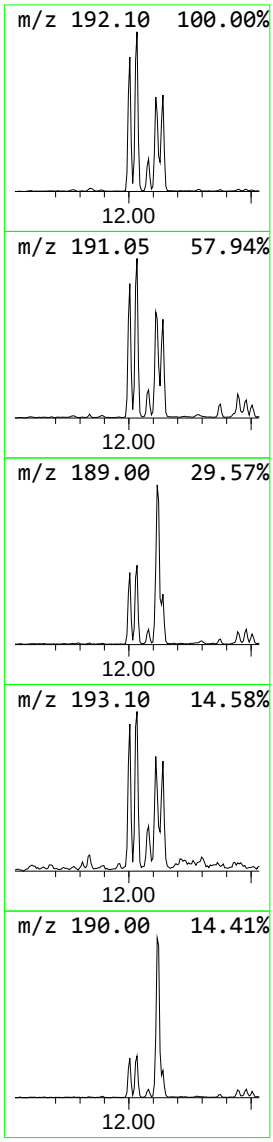
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	6.69 ng	498313	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

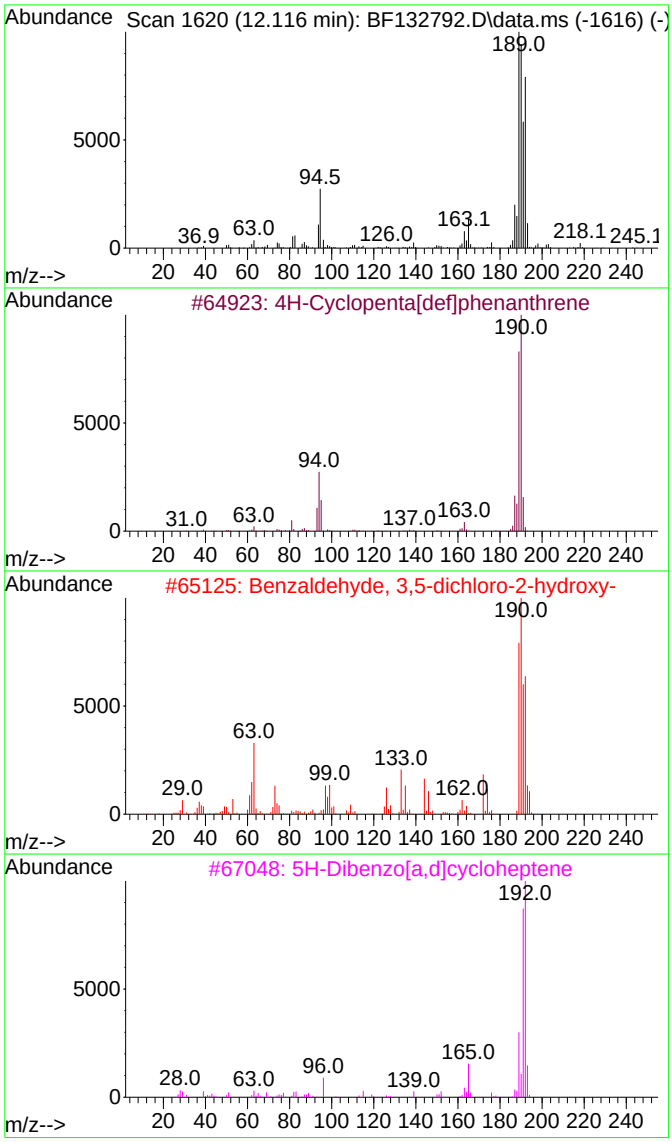
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

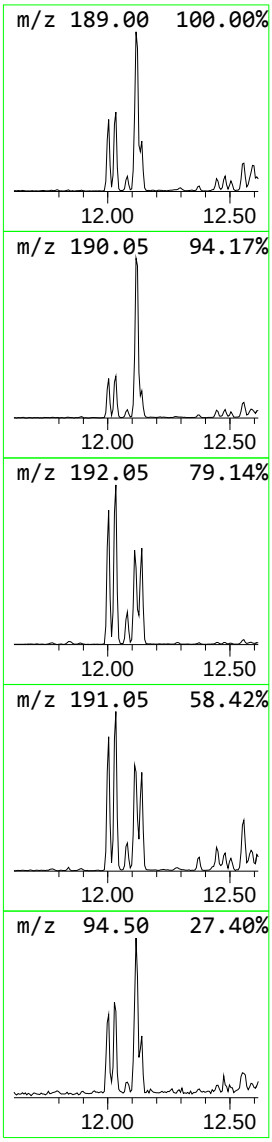
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	8.81 ng	656008	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

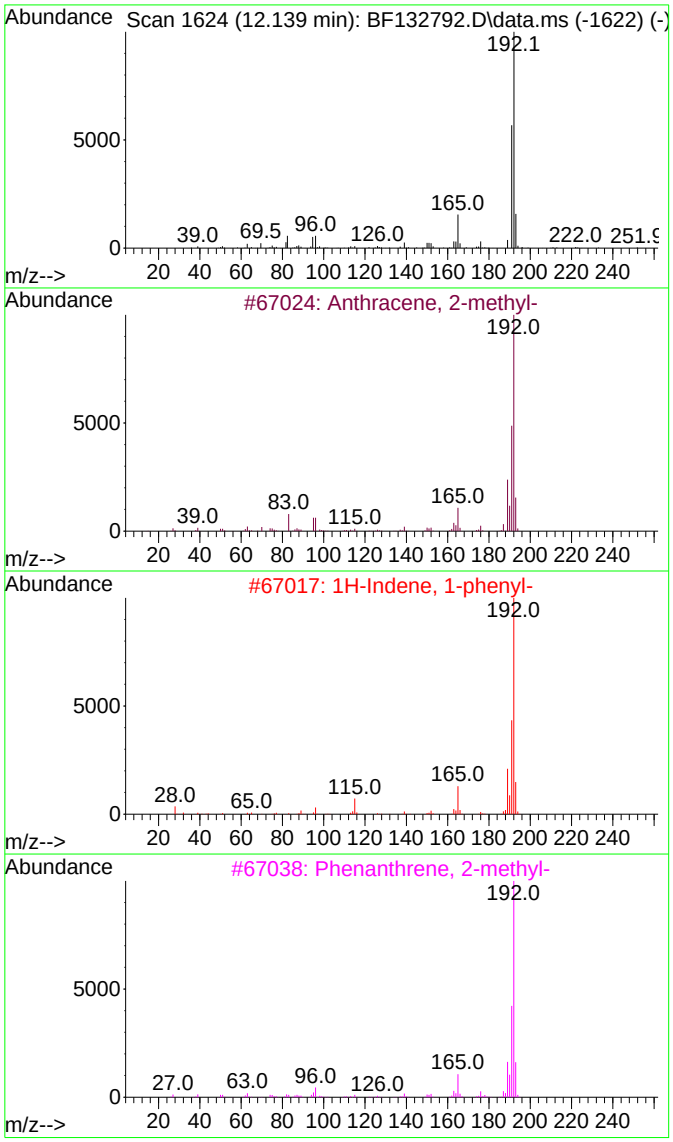
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

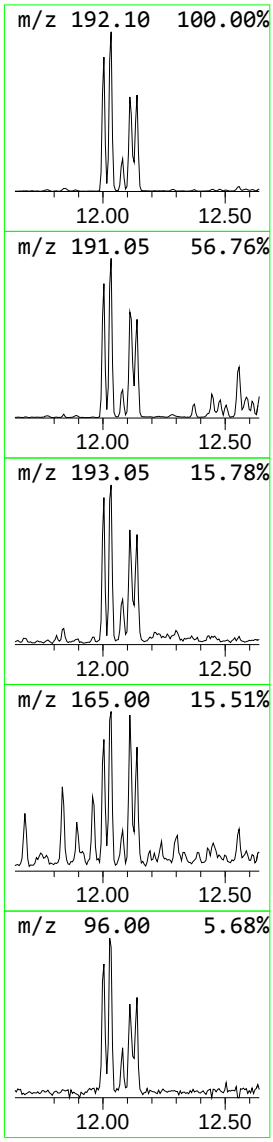
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	3.84 ng	285950	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

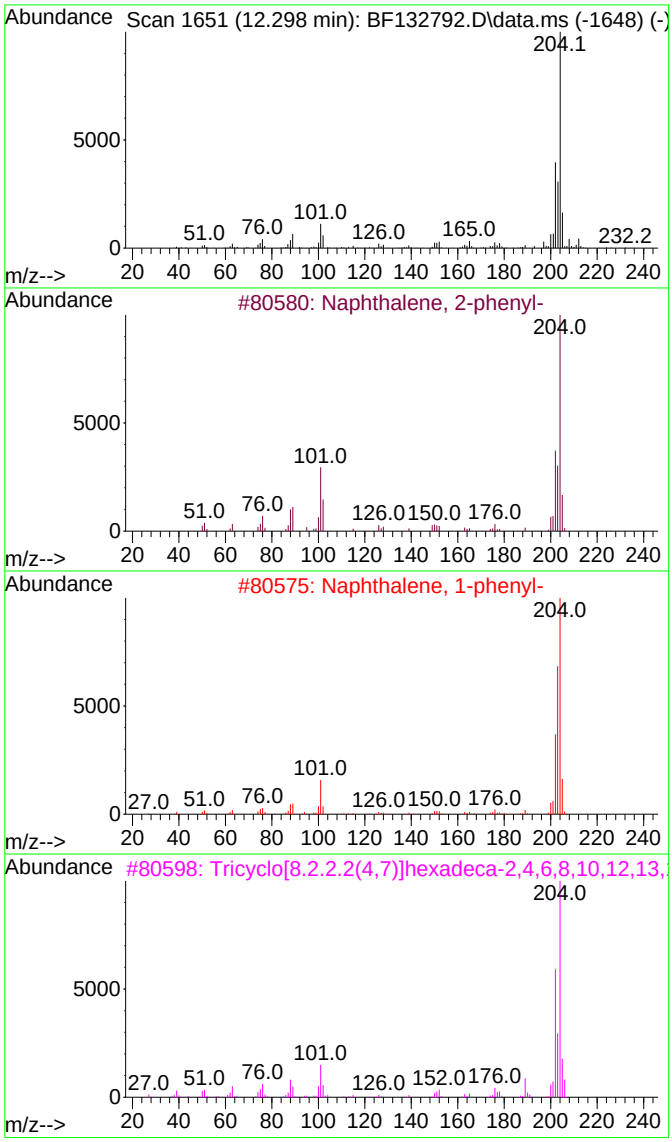
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

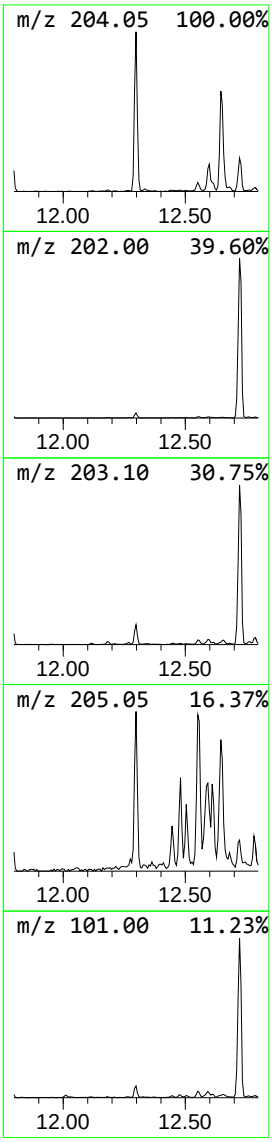
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	3.93 ng	292360	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

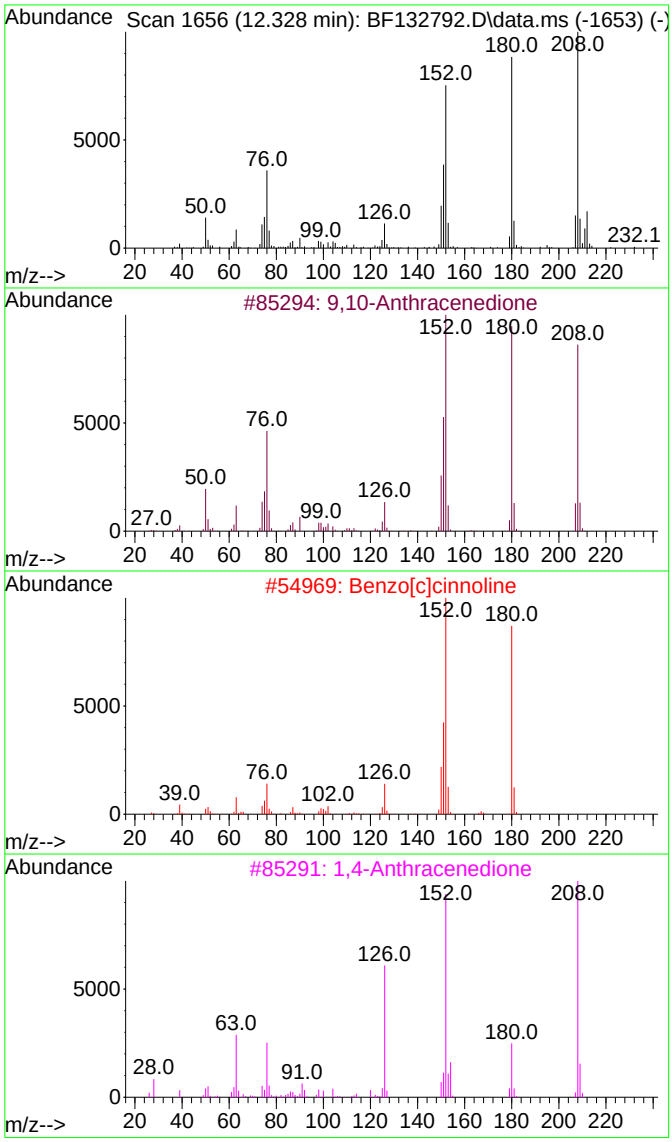
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

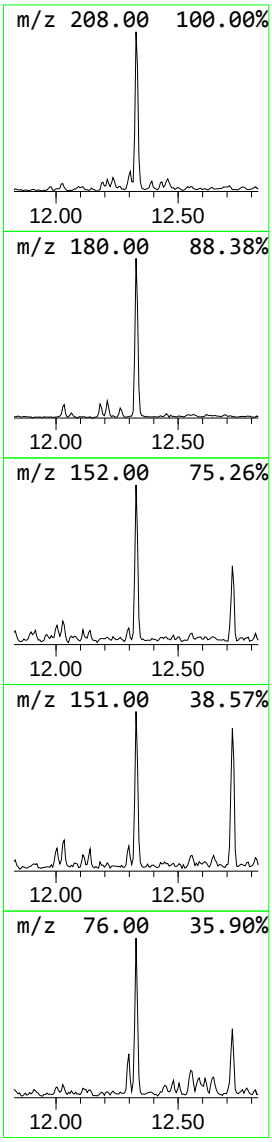
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	3.85 ng	286585	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

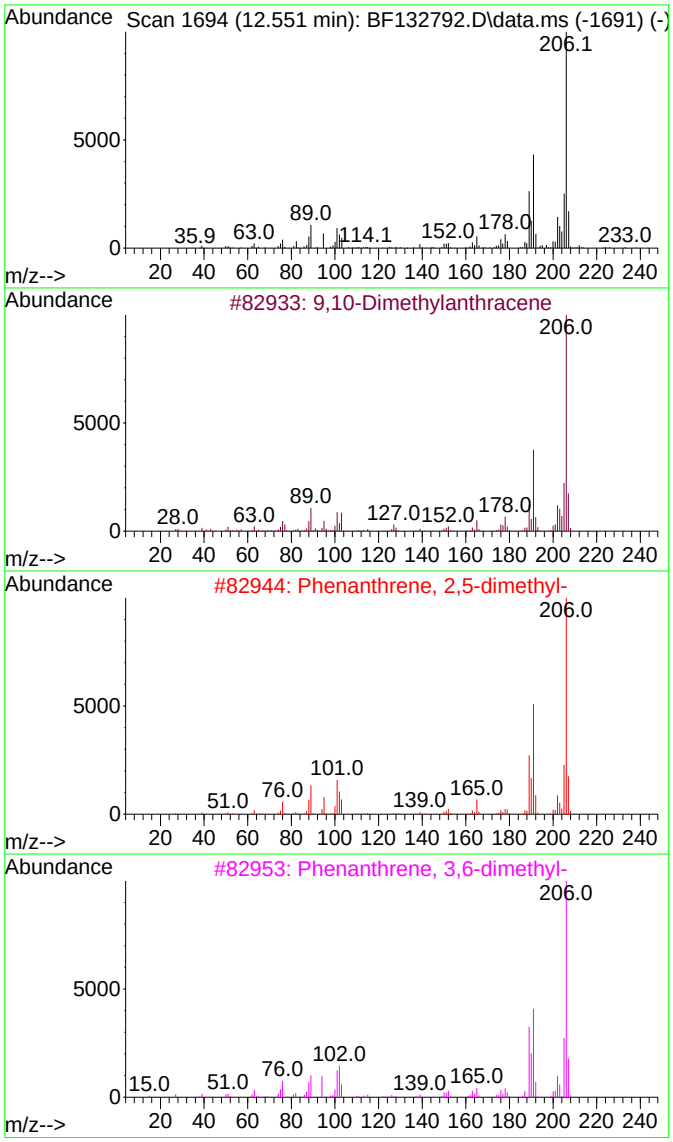
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

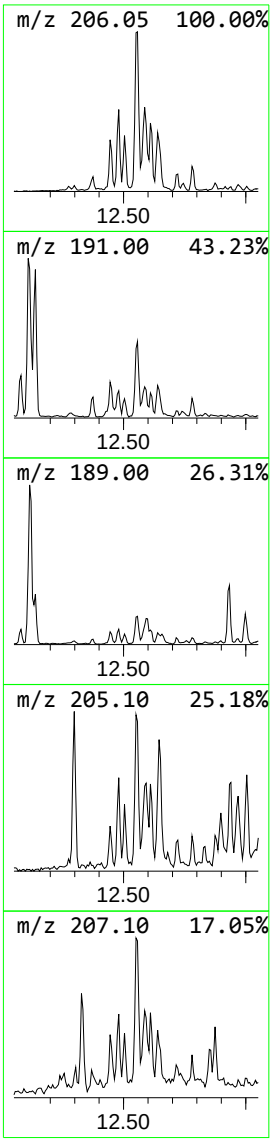
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	4.30 ng	319804	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

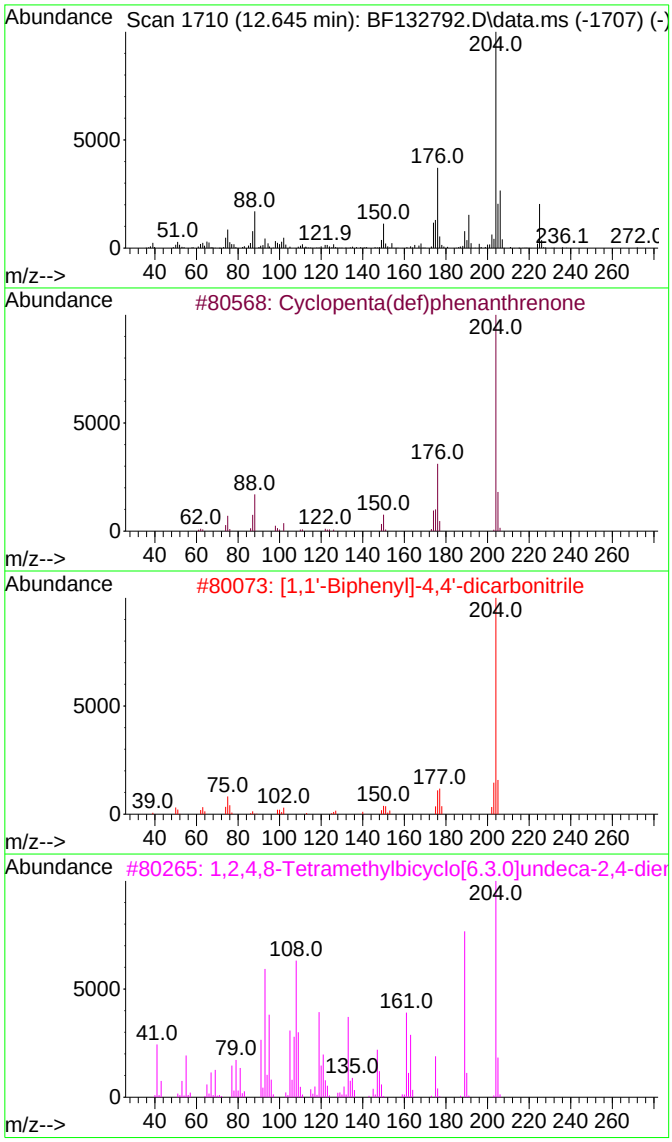
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

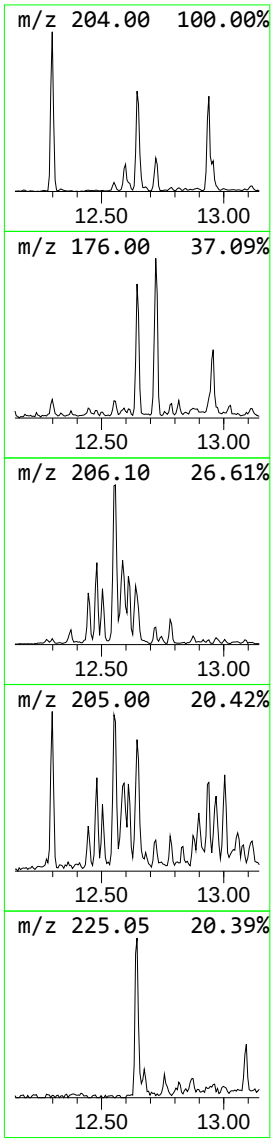
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	5.05 ng	375873	Phenanthrene-d10	11.498

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	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

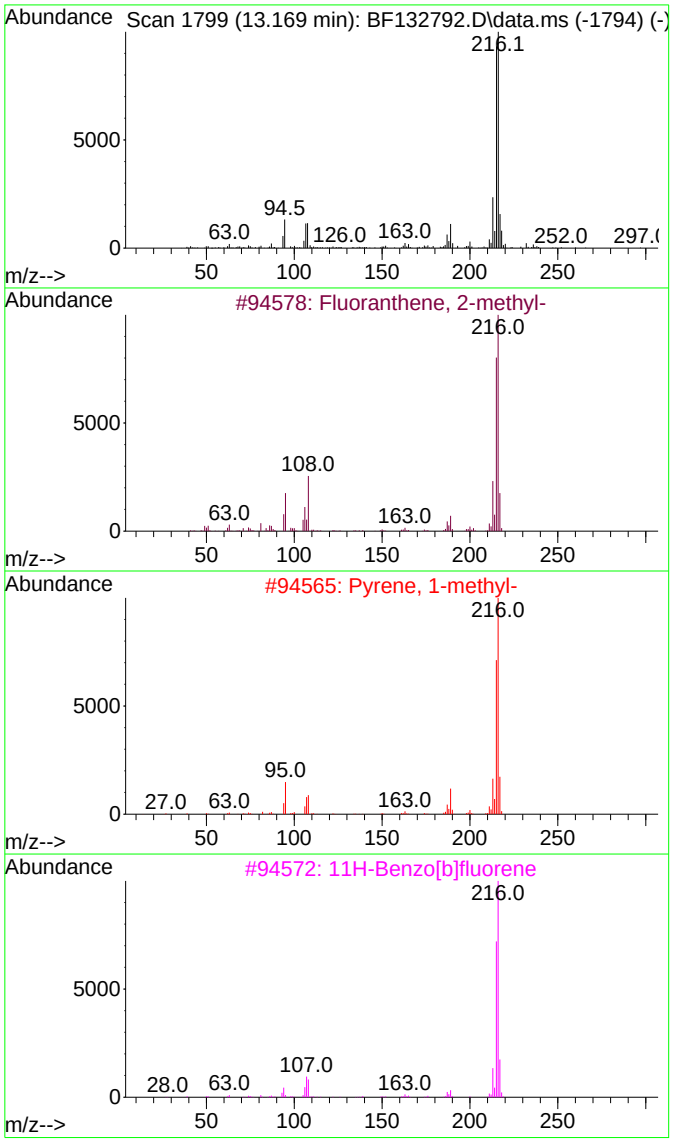
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

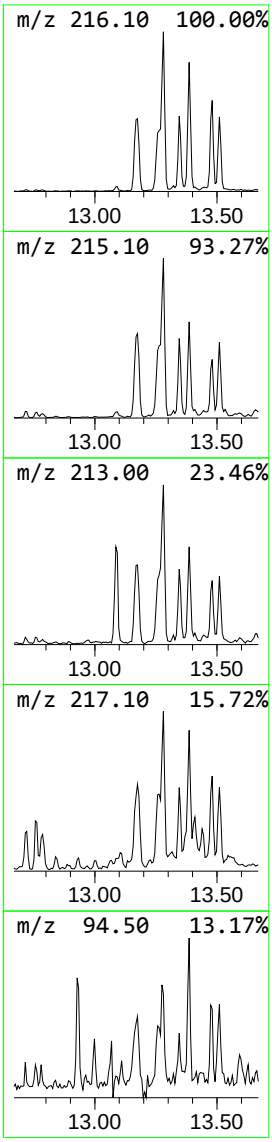
****

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.96 ng	486731	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

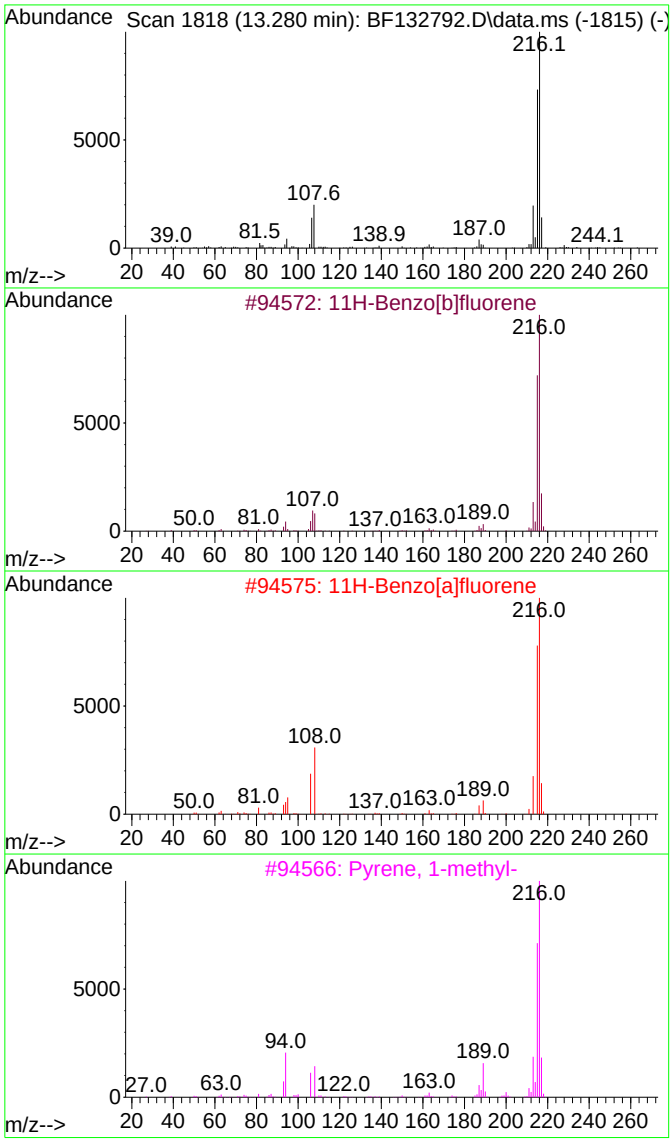
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

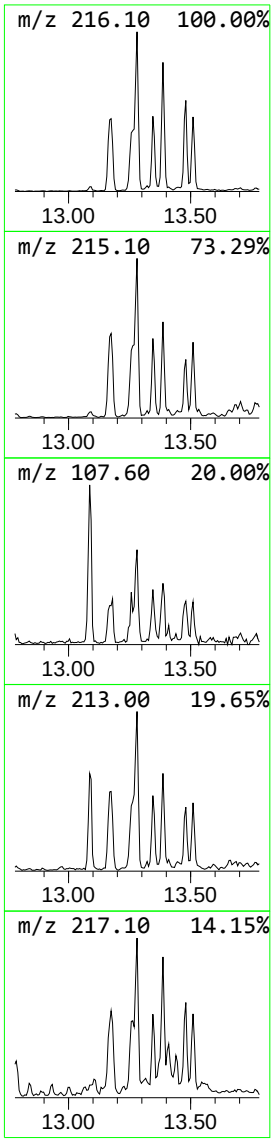
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.59 ng	426460	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	58
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

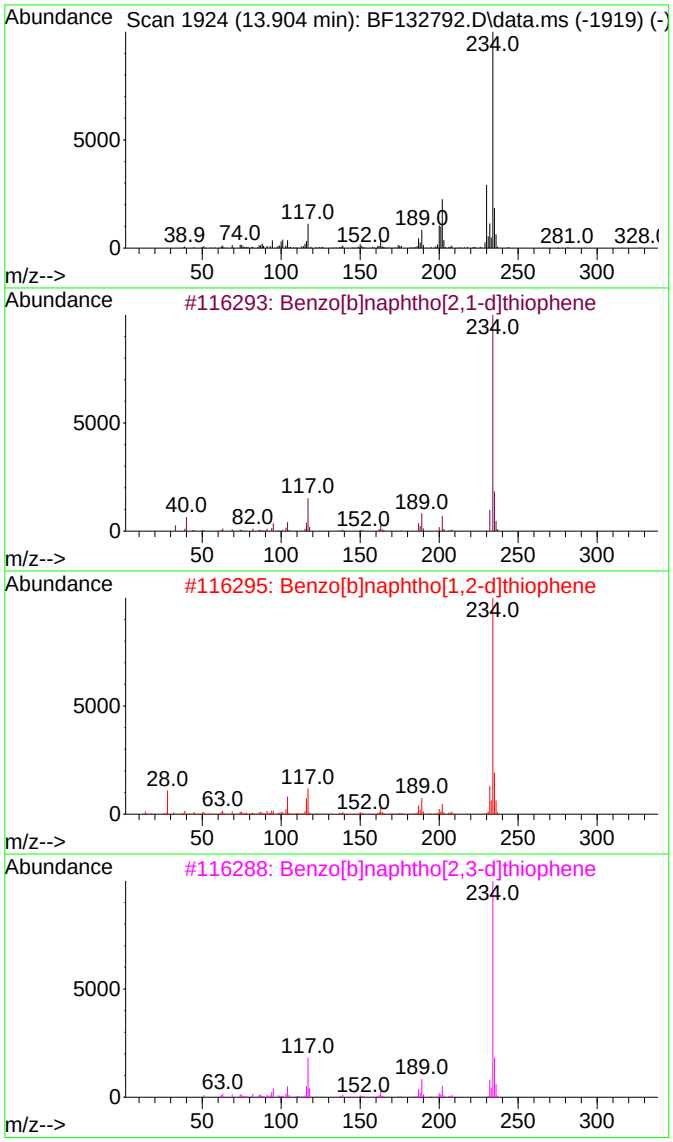
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

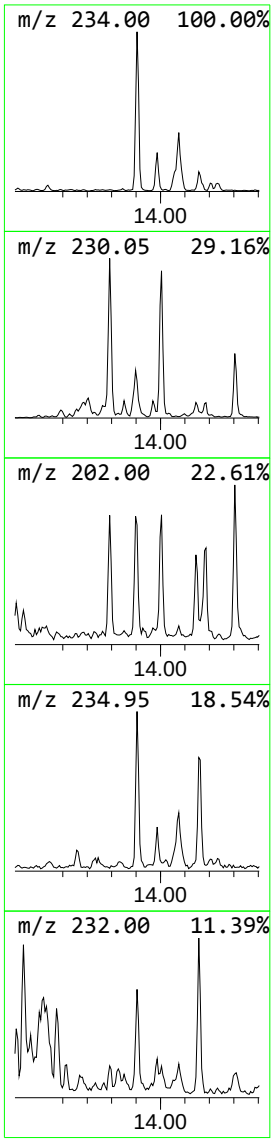
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.73 ng	448887	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
4	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	47
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

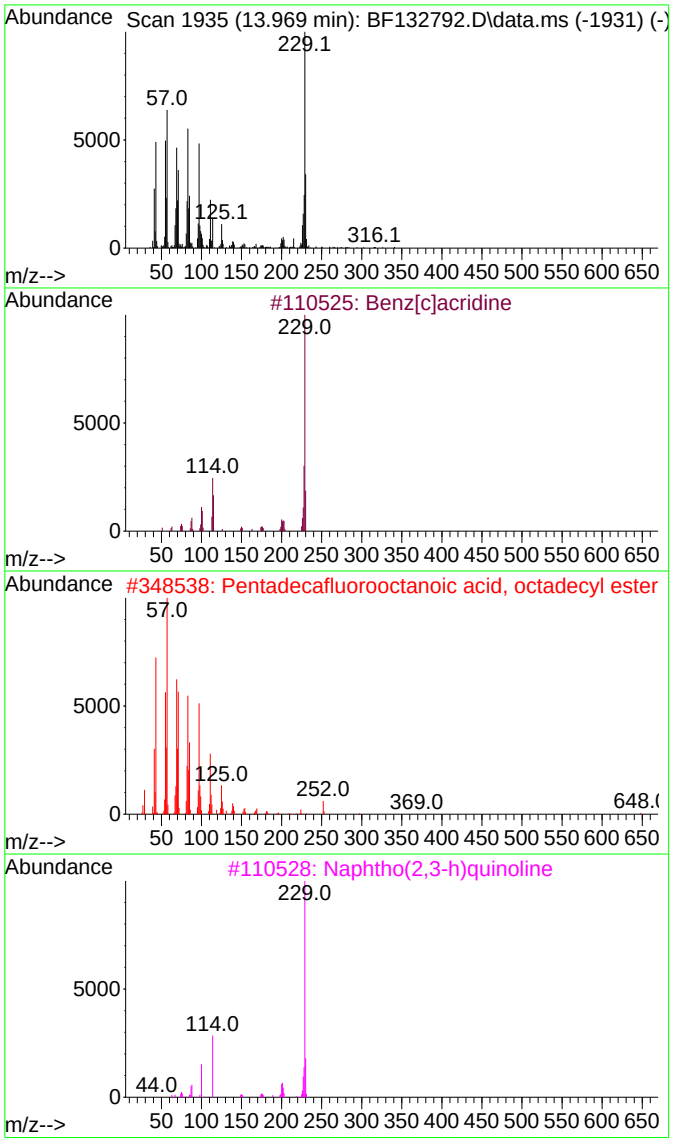
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

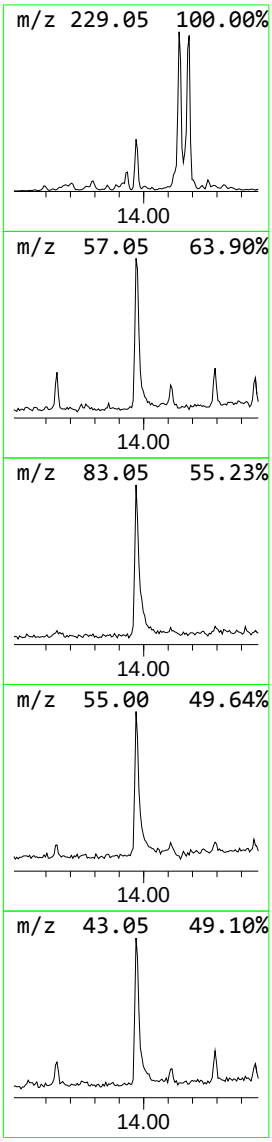
****

Peak Number 14 Benz[c]acridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	4.38 ng	720567	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	87
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	51
3	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	41
4	Butyl eicosyl ether	354	C24H50O	1000406-40-7	41
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

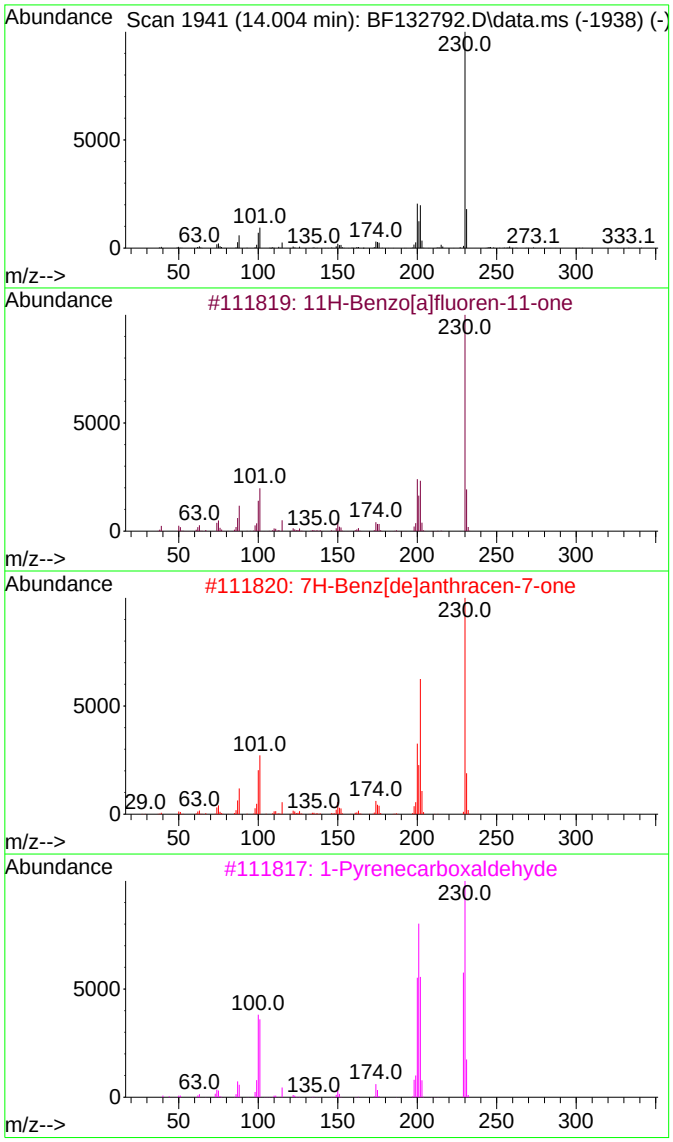
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

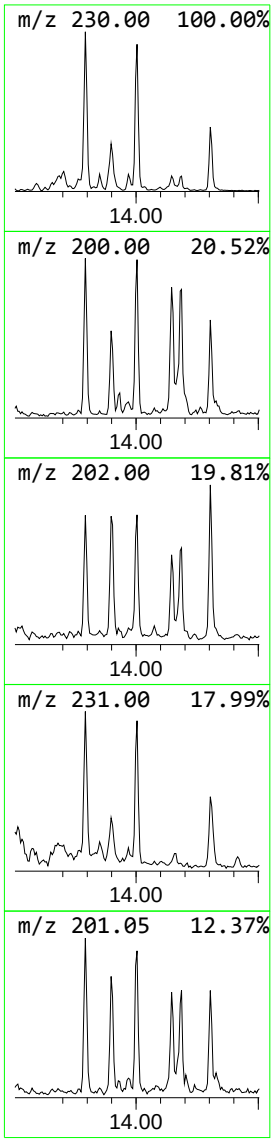
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	2.57 ng	422381	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

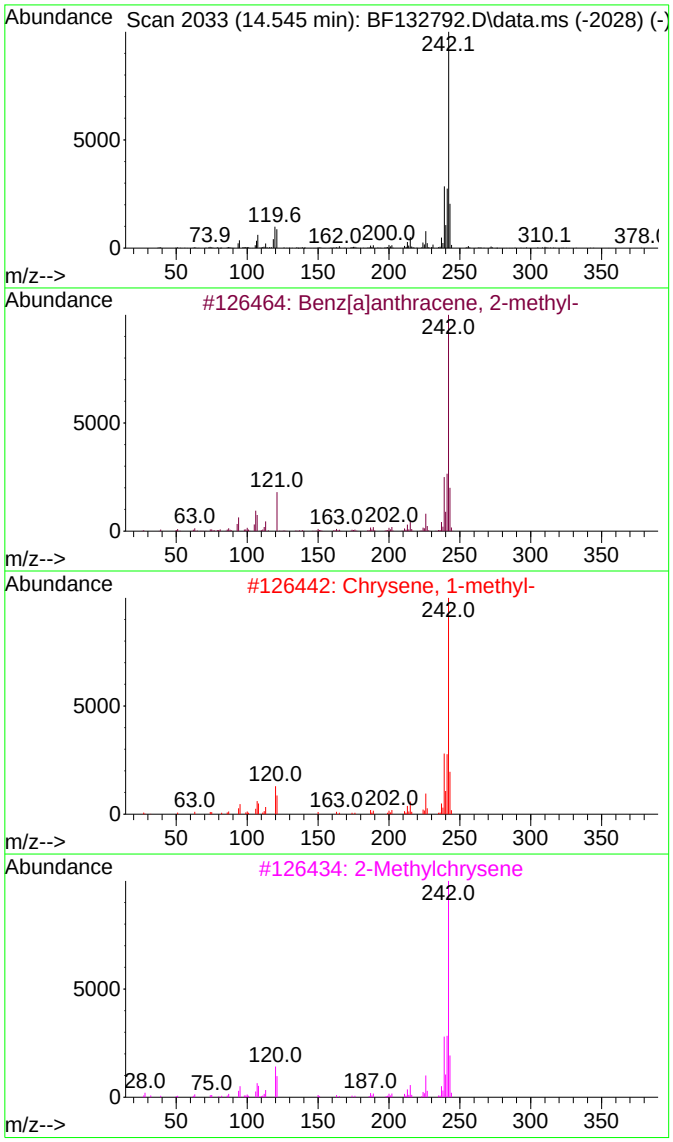
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

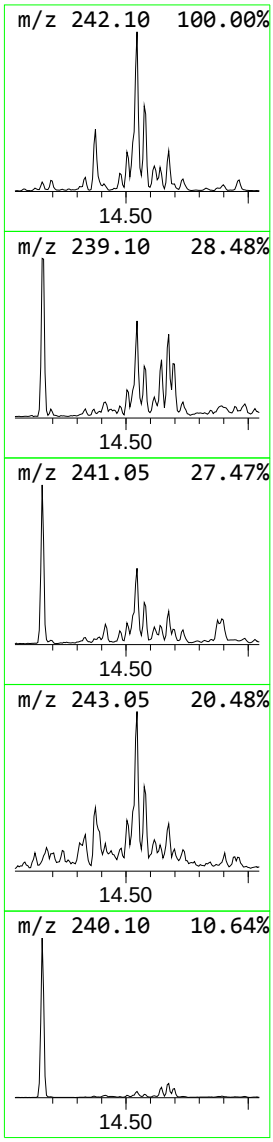
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benz[a]anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	2.60 ng	428404	Chrysene-d12	14.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	2-Methylchrysene	242	C19H14	003351-32-4	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

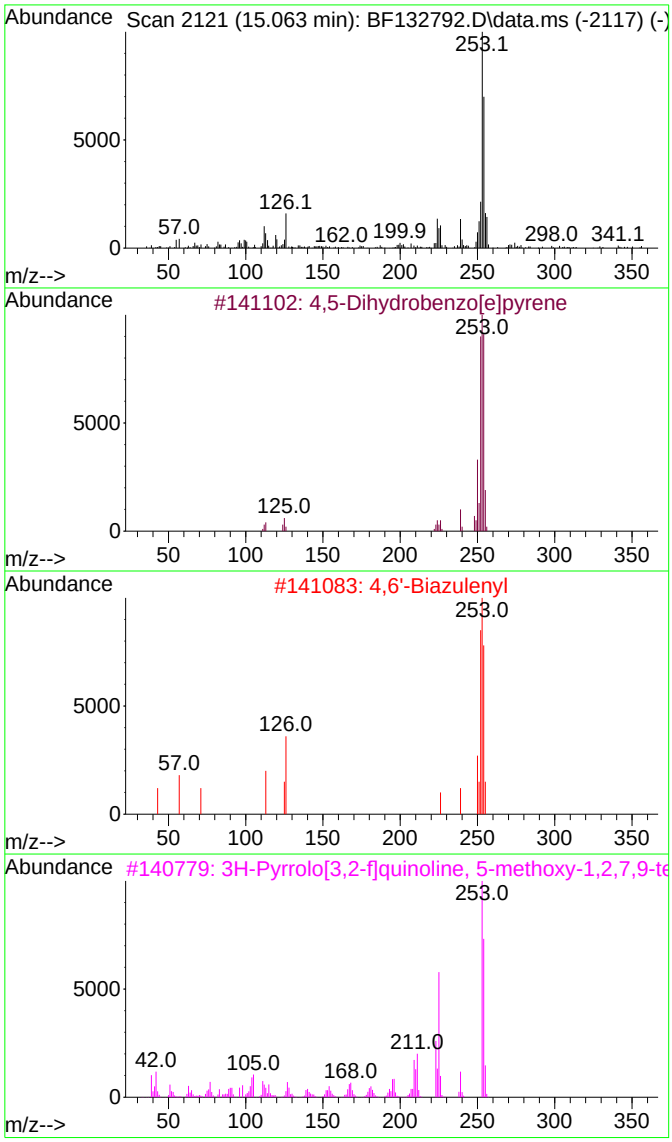
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

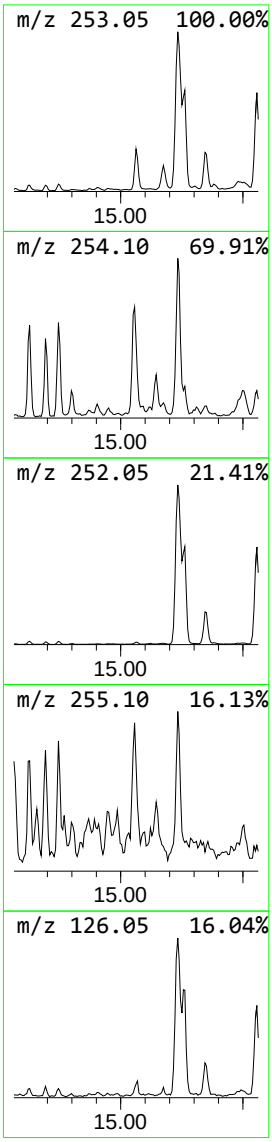
****

Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	4.67 ng	275567	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	81
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	68
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	62
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

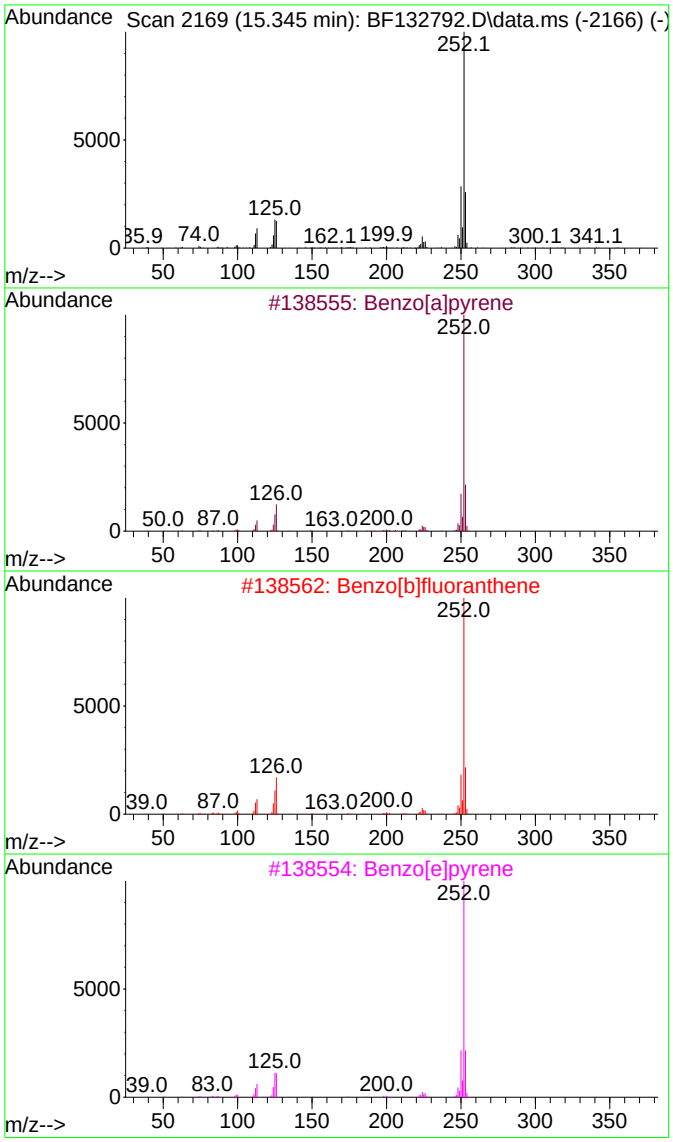
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

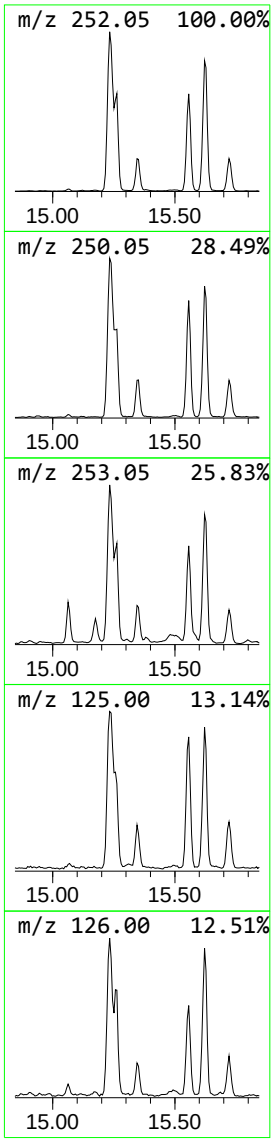
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	5.89 ng	347830	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

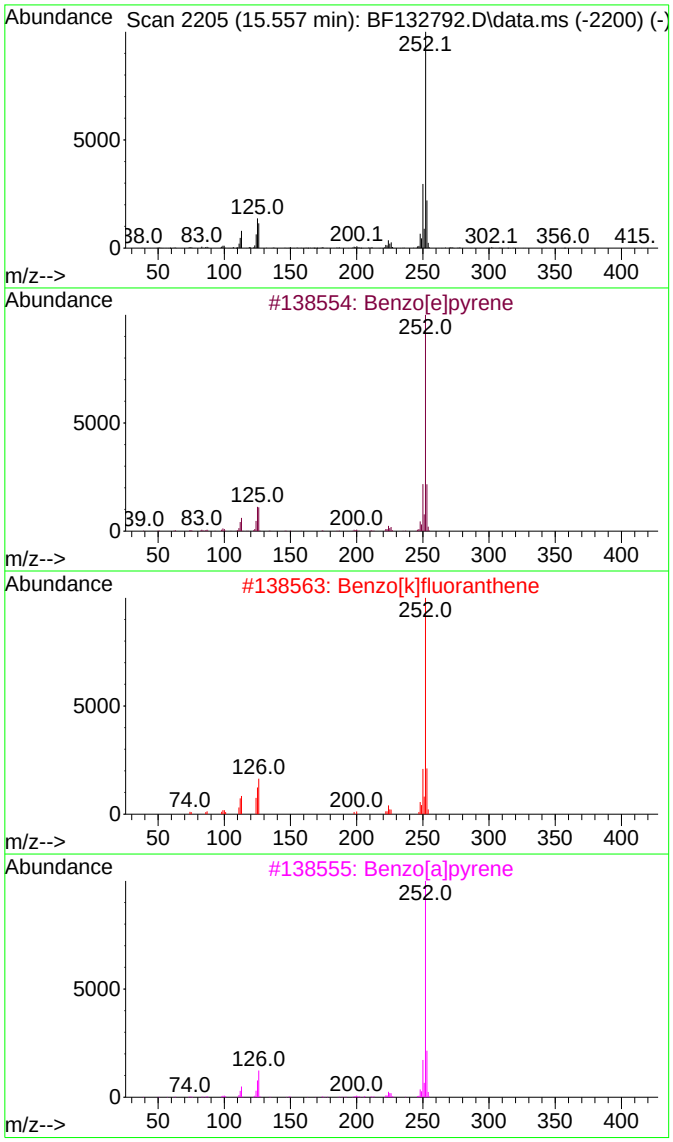
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

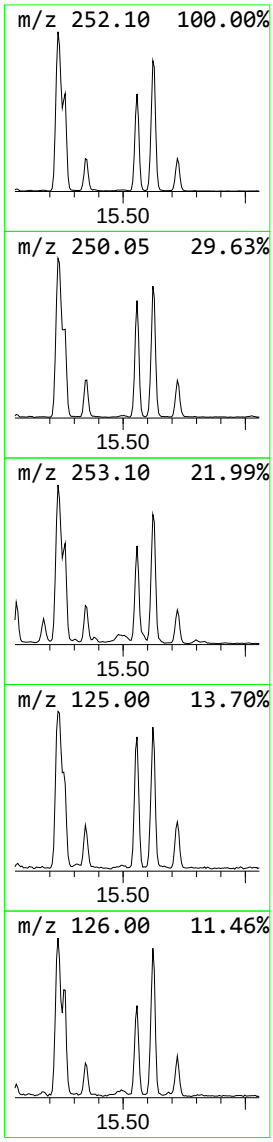
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	19.37 ng	1143140	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

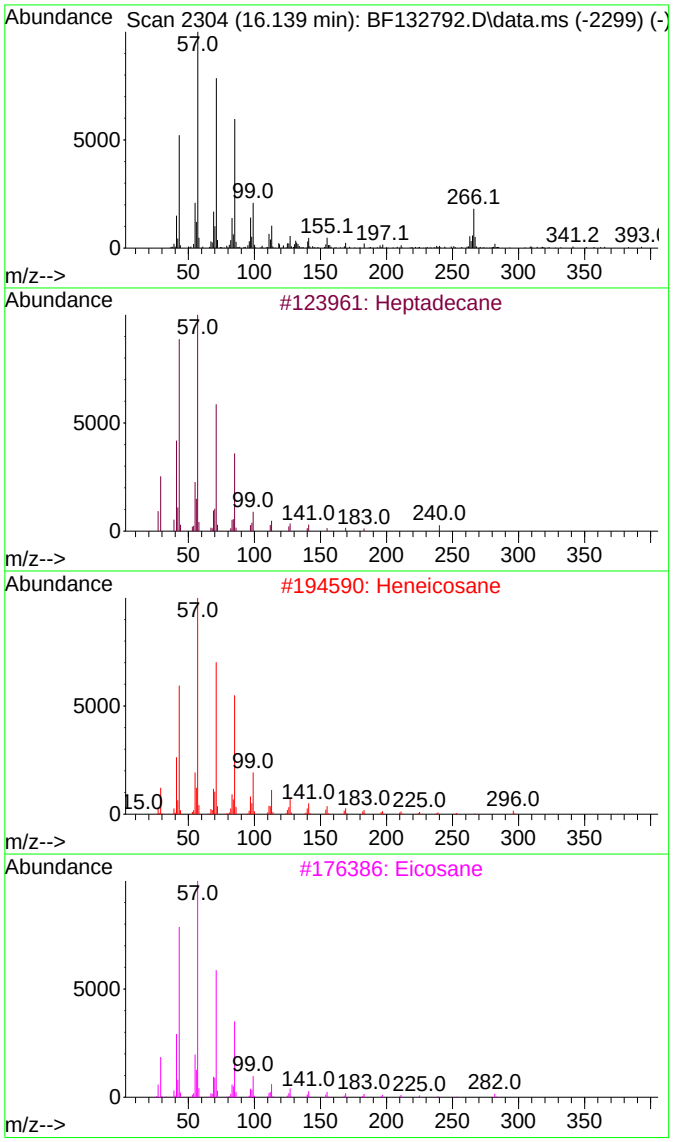
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

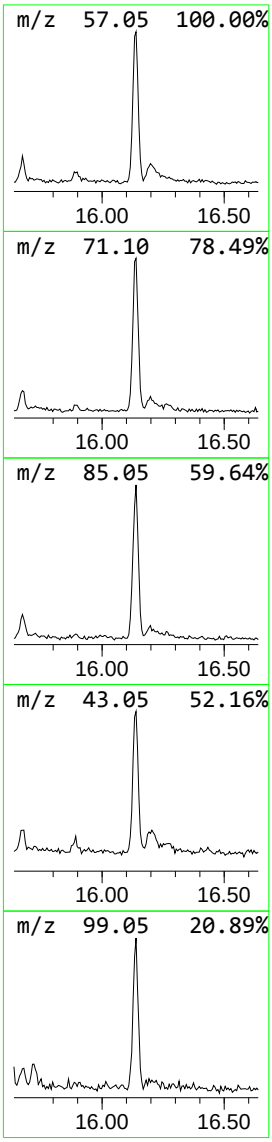
****

Peak Number 20 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	6.42 ng	378577	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	87
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexacosane	366	C26H54	000630-01-3	81
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132792.D
Acq On : 14 Mar 2023 22:35
Operator : CG\JU
Sample : 01905-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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-...	5.204	37.8	ng	2277910	1	6.963	1203900	20.0
Benzophenone	10.716	3.1	ng	253210	3	10.004	1657010	20.0
Phenanthrene, 2...	12.004	9.3	ng	688433	4	11.498	1488720	20.0
Anthracene, 9-m...	12.033	6.7	ng	498313	4	11.498	1488720	20.0
4H-Cyclopenta[d...	12.116	8.8	ng	656008	4	11.498	1488720	20.0
Anthracene, 2-m...	12.139	3.8	ng	285950	4	11.498	1488720	20.0
Naphthalene, 2-...	12.298	3.9	ng	292360	4	11.498	1488720	20.0
9,10-Anthracene...	12.328	3.9	ng	286585	4	11.498	1488720	20.0
9,10-Dimethylan...	12.551	4.3	ng	319804	4	11.498	1488720	20.0
Cyclopenta(def)...	12.645	5.0	ng	375873	4	11.498	1488720	20.0
Fluoranthene, 2...	13.169	3.0	ng	486731	5	14.157	3290050	20.0
11H-Benzo[b]flu...	13.280	2.6	ng	426460	5	14.157	3290050	20.0
Benzo[b]naphtho...	13.904	2.7	ng	448887	5	14.157	3290050	20.0
Benz[c]acridine	13.969	4.4	ng	720567	5	14.157	3290050	20.0
11H-Benzo[a]flu...	14.004	2.6	ng	422381	5	14.157	3290050	20.0
Benz[a]anthrace...	14.545	2.6	ng	428404	5	14.157	3290050	20.0
4,5-Dihydrobenz...	15.063	4.7	ng	275567	6	15.692	1180170	20.0
Benzo[e]pyrene	15.345	5.9	ng	347830	6	15.692	1180170	20.0
Perylene	15.557	19.4	ng	1143140	6	15.692	1180170	20.0
Heptadecane	16.139	6.4	ng	378577	6	15.692	1180170	20.0