LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	563	568	571	rBV	3076230	2932339	78.85%	5.381%
2	6.428	733	738	741	rBV	2965074	2942267	79.12%	5.399%
3	6.628	768	772	777	rBV	111977	106882	2.87%	0.196%
4	6.798	797	801	804	rBV	1676133	1321202	35.53%	2.425%
5	7.357	891	896	899	rBV	2168485	1781214	47.90%	3.269%
6	8.075	1014	1018	1021	rBV	2071238	1721519	46.29%	3.159%
7	8.098	1021	1022	1025	rVB	131935	62144	1.67%	0.114%
8	9.151	1197	1201	1204	rBV	3303837	2752083	74.00%	5.050%
9	9.269	1218	1221	1225	rVB	267195	242851	6.53%	0.446%
10	9.422	1240	1247	1250	rBV3	49580	57347	1.54%	0.105%
11	9.692	1289	1293	1296	rBV	157380	130376	3.51%	0.239%
12	9.833	1309	1317	1320	rBV	1979984	1731527	46.56%	3.178%
13	9.863	1320	1322	1326	rVB	77757	62891	1.69%	0.115%
14	10.375	1407	1409	1415	rVB	85862	88960	2.39%	0.163%
15	10.533	1434	1436	1445	rVB2	47386	59032	1.59%	0.108%
16	10.622	1445	1451	1454	rBV	1855302	1720749	46.27%	3.158%
17	10.745	1468	1472	1477	rVB3	67664	73048	1.96%	0.134%
18	10.927	1496	1503	1506	rBV4	56089	83851	2.25%	0.154%
19	11.057	1520	1525	1527	rBV3	47799	58064	1.56%	0.107%
20	11.169	1541	1544	1547	rBV2	54848	70102	1.89%	0.129%
21	11.216	1550	1552	1557	rVB	95802	90166	2.42%	0.165%
22	11.322	1566	1570	1572	rBV	1689195	1544891	41.54%	2.835%
23	11.345	1572	1574	1577	rVV	1525789	1109545	29.84%	2.036%
24	11.392	1579	1582	1585	rVV	544631	451335	12.14%	0.828%
25	11.622	1618	1621	1623	rBV	88097	67869	1.82%	0.125%
26	11.651	1623	1626	1631	rVB2	69882	62557	1.68%	0.115%
27	11.727	1636	1639	1643	rVB2	54172	72317	1.94%	0.133%
28	11.822	1652	1655	1658	rBV	243637	219636	5.91%	0.403%
29	11.851	1658	1660	1665	rVV2	448995	430647	11.58%	0.790%
30	11.898	1665	1668	1671	rVV	172790	156263	4.20%	0.287%
31	11.933	1671	1674	1677	rVV	498383	530215	14.26%	0.973%
32	11.957	1677	1678	1683	rVB	198149	116838	3.14%	0.214%
33	12.122	1703	1706	1708	rBV	225365	199317	5.36%	0.366%
34	12.139	1708	1709	1713	rVB2	67213	61275	1.65%	0.112%
35	12.298	1734	1736	1738	rBV	69980	56856	1.53%	0.104%
36	12.322	1738	1740	1743	rVB2	71906	59601	1.60%	0.109%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.374	1745	1749	1752	rBV	191685	203529	5.47%	0.374%
38	12.416	1752	1756	1757	rVV	114417	145636	3.92%	0.267%
39	12.457	1761	1763	1768	rVB3	152159	168025	4.52%	0.308%
40	12.539	1773	1777	1780	rBV	3731938	3143671	84.53%	5.769%
41	12.627	1790	1792	1796	rVV	111969	123328	3.32%	0.226%
42	12.686	1800	1802	1809	rVB2	138025	157809	4.24%	0.290%
43	12.769	1809	1816	1819	rBV	3276631	3540870	95.21%	6.498%
44	12.816	1822	1824	1829	rVB2	127182	147399	3.96%	0.270%
45	12.886	1832	1836	1837	rBV	196830	165452	4.45%	0.304%
46	12.916	1837	1841	1847	rVB	2409543	2244040	60.34%	4.118%
47	12.986	1847	1853	1856	rBV2	214798	327300	8.80%	0.601%
48	13.069	1864	1867	1869	rBV2	159735	186320	5.01%	0.342%
49	13.098	1869	1872	1875	rVB	460584	458040	12.32%	0.841%
50	13.133	1875	1878	1880	rBV3	43996	59721	1.61%	0.110%
51	13.163	1880	1883	1886	rVV	448903	354407	9.53%	0.650%
52	13.198	1886	1889	1892	rVV2	335153	312091	8.39%	0.573%
53	13.227	1892	1894	1897	rVB	103716	87210	2.35%	0.160%
54	13.257	1897	1899	1902	rBV2	66416	67327	1.81%	0.124%
55	13.292	1902	1905	1907	rVB2	182172	146330	3.93%	0.269%
56	13.321	1907	1910	1914	rBV	206774	180010	4.84%	0.330%
57	13.404	1920	1924	1933	rVB6	72031	119436	3.21%	0.219%
58	13.498	1933	1940	1942	rBV3	176762	243708	6.55%	0.447%
59	13.580	1951	1954	1955	rVV3	67593	73246	1.97%	0.134%
60	13.604	1955	1958	1963	rVB	145531	197702	5.32%	0.363%
61	13.716	1972	1977	1980	rBV2	297140	362206	9.74%	0.665%
62	13.745	1980	1982	1984	rVV	307689	267323	7.19%	0.491%
63	13.768	1984	1986	1990	rVV2	267601	359028	9.65%	0.659%
64	13.821	1991	1995	2000	rVV2	280312	404044	10.86%	0.741%
65	13.886	2003	2006	2009	rVV	81839	89779	2.41%	0.165%
66	13.963	2012	2019	2023	rBV2	2324770	3718919	100.00%	6.825%
67	13.998	2023	2025	2030	rVB	1679970	1435128	38.59%	2.634%
68	14.074	2035	2038	2041	rVB	400998	307979	8.28%	0.565%
69	14.110	2041	2044	2046	rBV	99590	96882	2.61%	0.178%
70	14.151	2048	2051	2054	rVB2	155976	172660	4.64%	0.317%
71	14.180	2054	2056	2057	rBV	89836	70480	1.90%	0.129%
72	14.227	2062	2064	2066	rVB	78364	65528	1.76%	0.120%
73	14.286	2072	2074	2077	rBV5	49836	55487	1.49%	0.102%
74	14.321	2077	2080	2082	rVV	98079	101598	2.73%	0.186%
75	14.357	2082	2086	2089	rVV	346669	381701	10.26%	0.700%
76	14.392	2089	2092	2095	rVV	164182	164224	4.42%	0.301%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.451	2099	2102	2105	rVV3	245647	288187	7.75%	0.529%
78	14.480	2105	2107	2108	rVV	215096	172967	4.65%	0.317%
79	14.498	2108	2110	2114	rVV2	212415	229233	6.16%	0.421%
80	14.557	2118	2120	2123	rVB	100043	87452	2.35%	0.160%
81	14.610	2126	2129	2134	rVB3	55146	65144	1.75%	0.120%
82	14.663	2135	2138	2140	rBV2	72838	86592	2.33%	0.159%
83	14.745	2149	2152	2153	rBV2	54526	55754	1.50%	0.102%
84	14.763	2153	2155	2162	rVB2	128051	179519	4.83%	0.329%
85	14.845	2167	2169	2173	rVB3	75923	84147	2.26%	0.154%
86	14.915	2178	2181	2184	rBV2	66455	75521	2.03%	0.139%
87	15.010	2192	2197	2200	rBV	1367440	2122029	57.06%	3.894%
88	15.115	2212	2215	2219	rVB	347985	365185	9.82%	0.670%
89	15.210	2227	2231	2232	rBV2	59308	81825	2.20%	0.150%
90	15.315	2244	2249	2254	rVB	817804	1033204	27.78%	1.896%
91	15.374	2254	2259	2265	rBV	1286329	1541224	41.44%	2.828%
92	15.439	2265	2270	2273	rBV	1024195	1277520	34.35%	2.344%
93	15.468	2273	2275	2278	rVB	292438	263858	7.10%	0.484%
94	15.998	2362	2365	2375	rVB3	107536	196088	5.27%	0.360%
95	16.474	2442	2446	2451	rBV3	82511	132773	3.57%	0.244%
96	16.921	2516	2522	2531	rVB2	452848	898478	24.16%	1.649%
97	17.104	2549	2553	2558	rVB	85843	145764	3.92%	0.267%
98	17.162	2559	2563	2569	rBV3	62536	134349	3.61%	0.247%
99	17.368	2591	2598	2604	rBV	321521	657355	17.68%	1.206%
100	17.609	2634	2639	2645	rVB	94353	184099	4.95%	0.338%

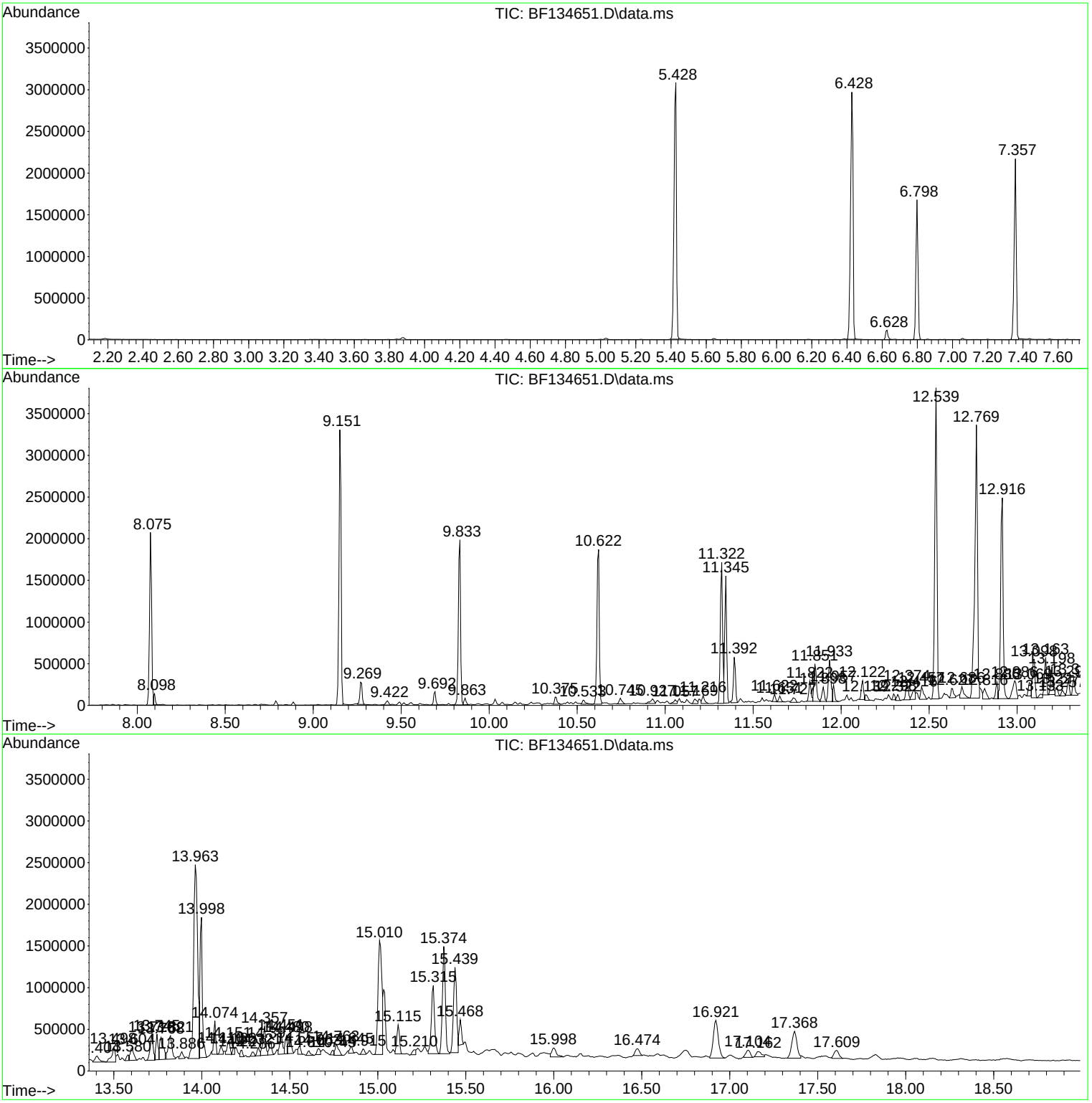
Sum of corrected areas: 54491616

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

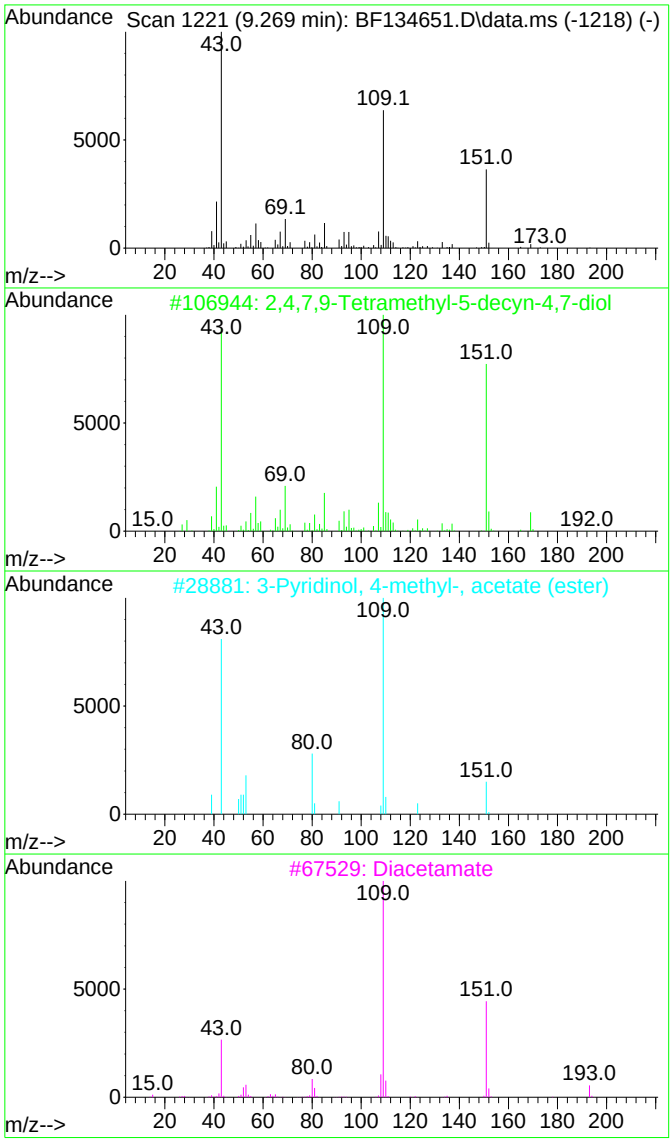
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

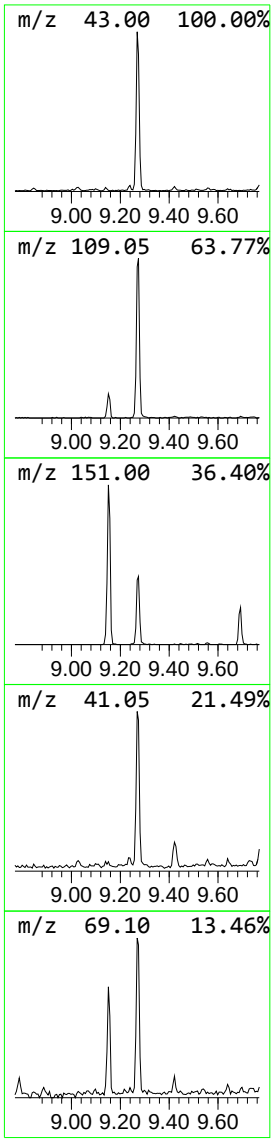
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	2.81 ng	242851	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50
3	Diacetamate	193	C10H11NO3	002623-33-8	50
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5	Metacetamol	151	C8H9NO2	000621-42-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

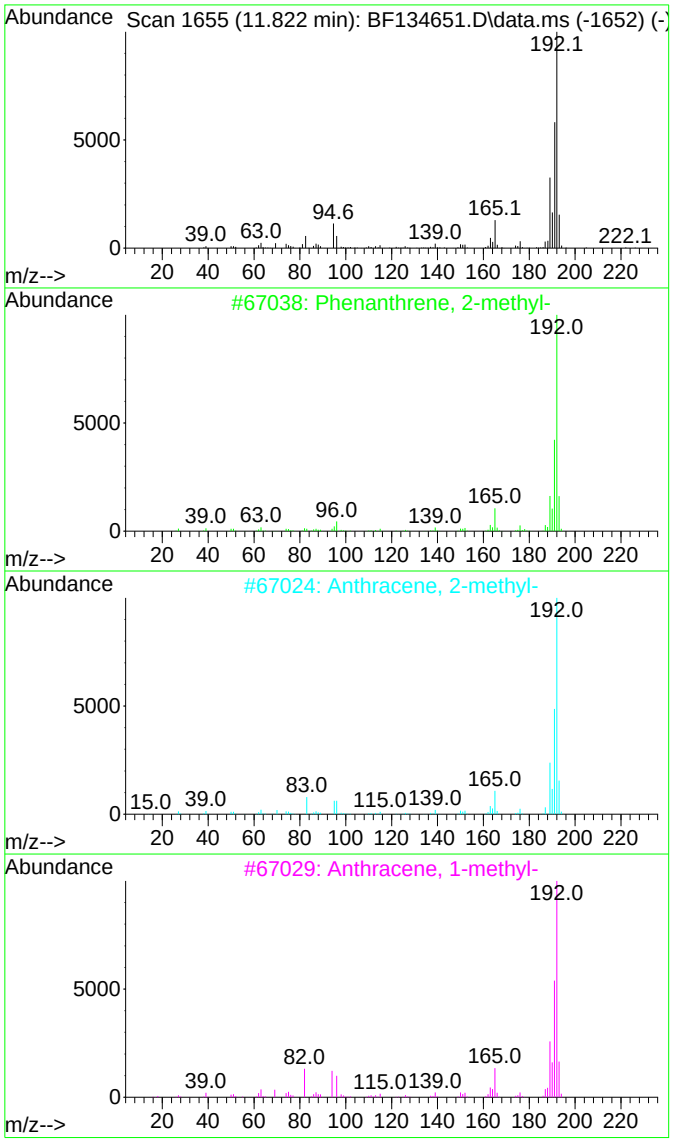
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

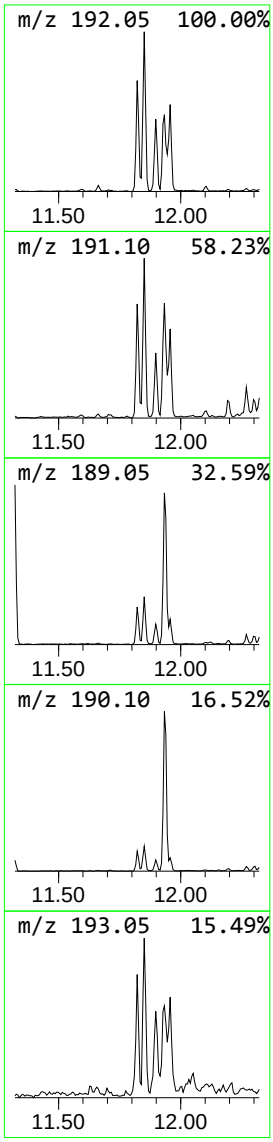
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.84 ng	219636	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

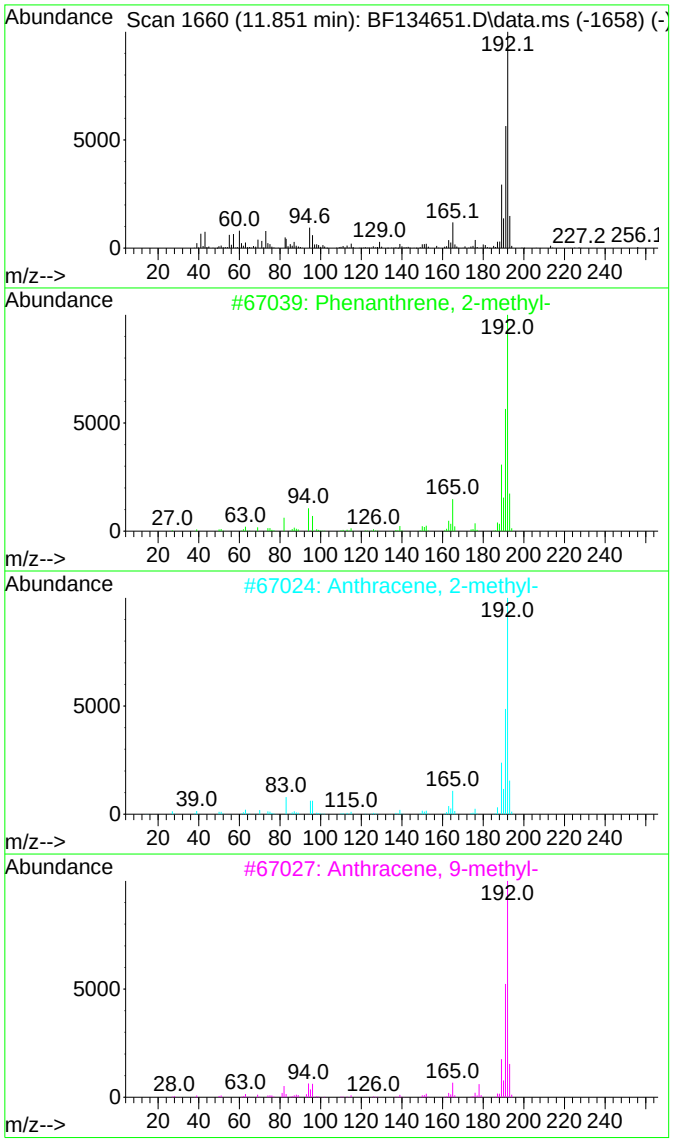
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

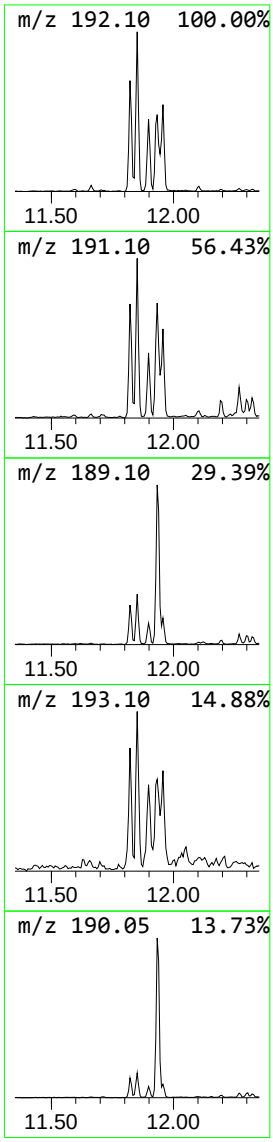
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	5.58 ng	430647	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

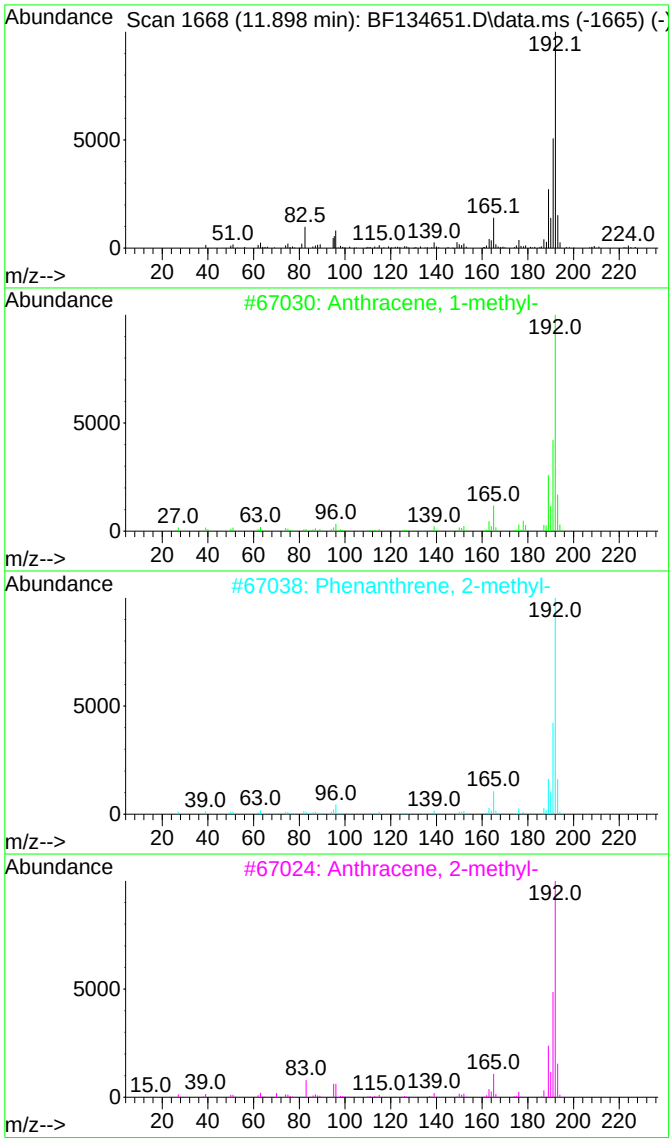
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

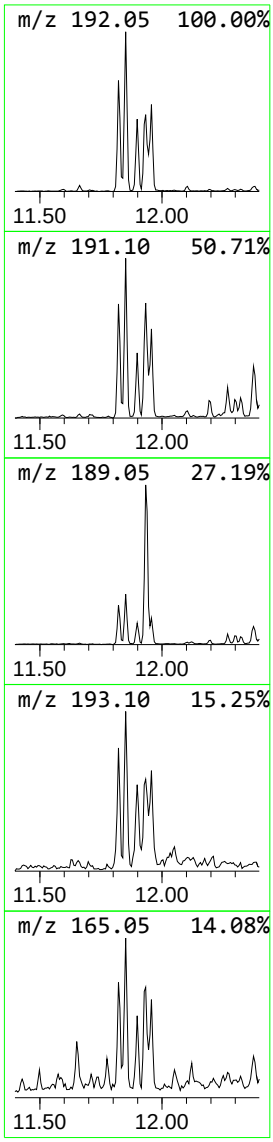
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.02 ng	156263	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

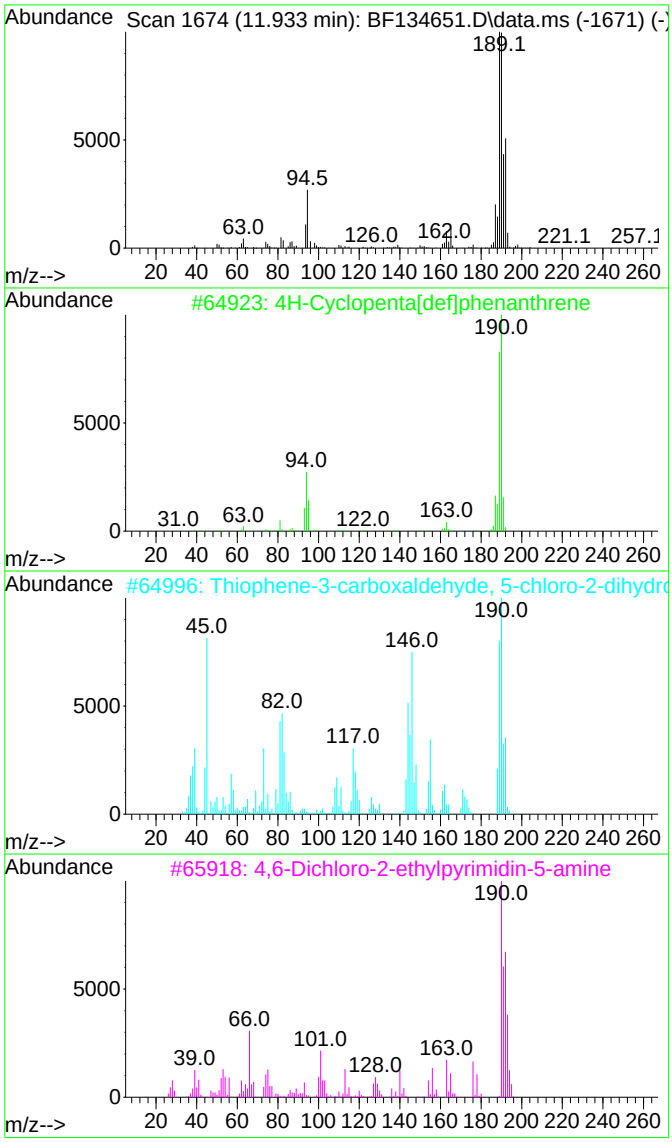
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

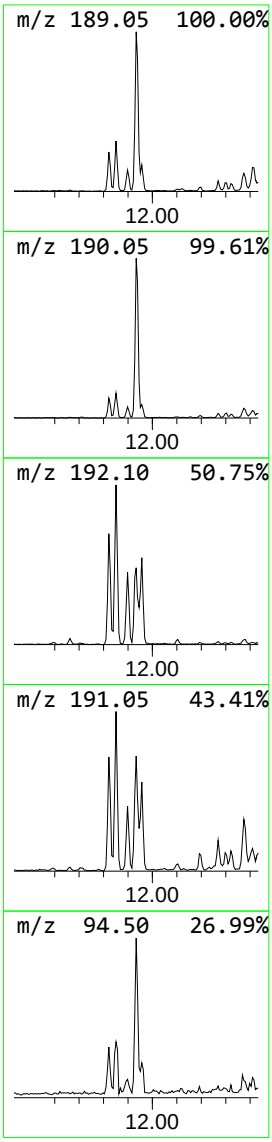
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.86 ng	530215	Phenanthrene-d10	11.322

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	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

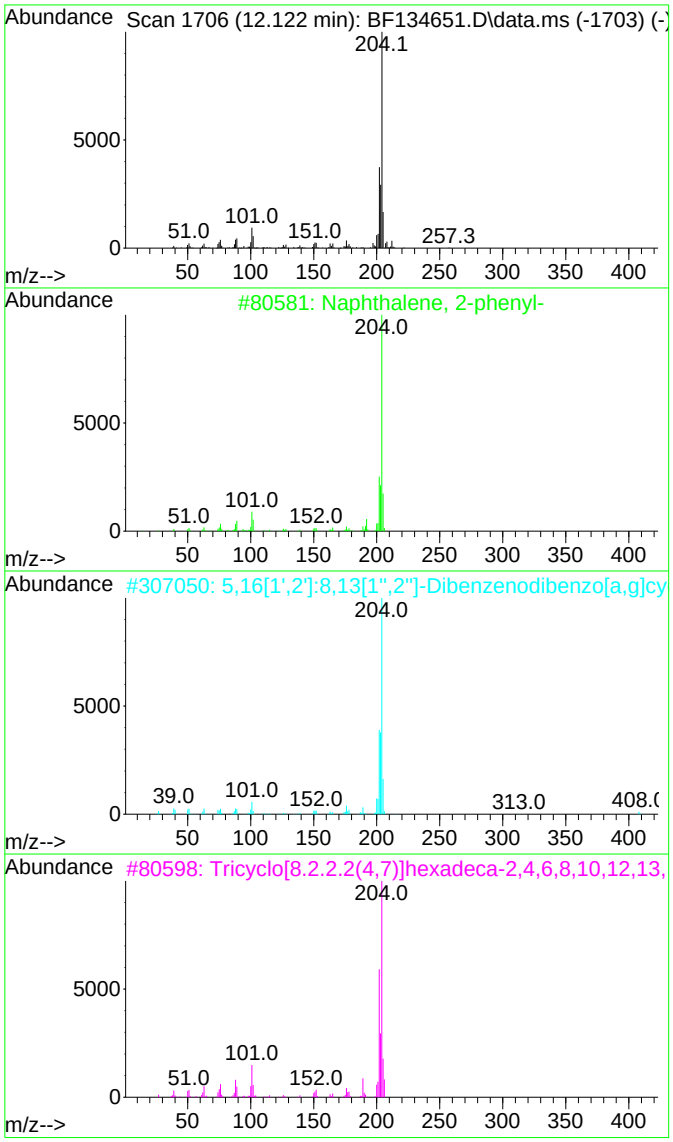
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

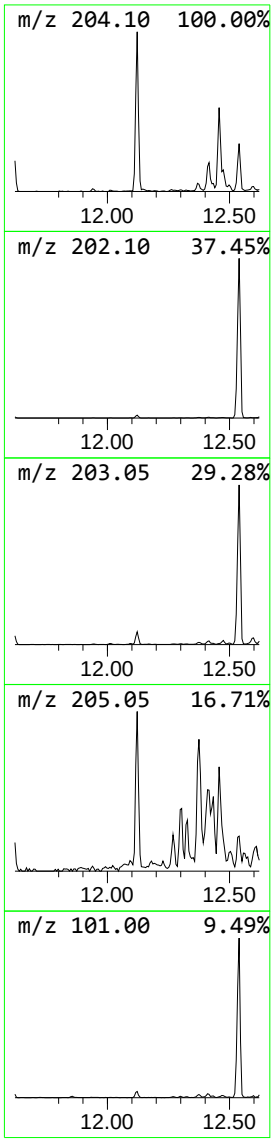
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.58 ng	199317	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

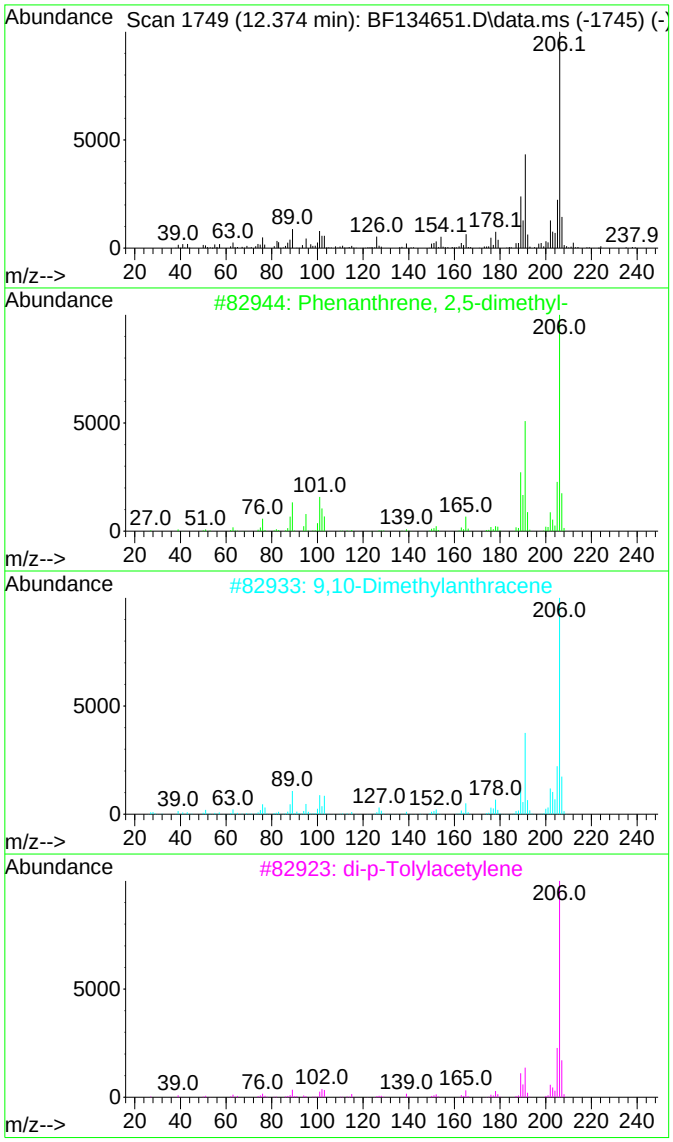
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

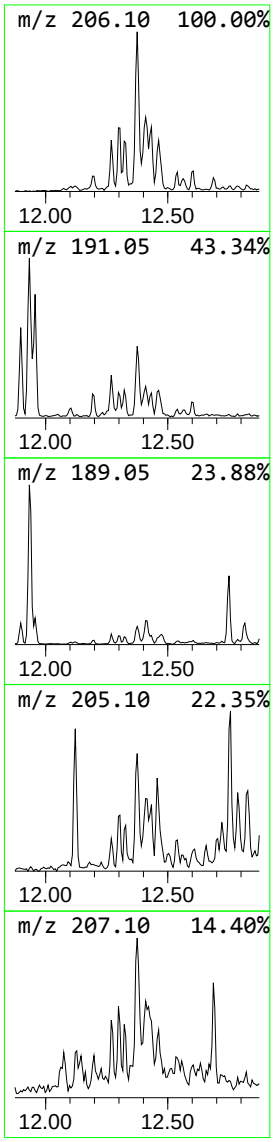
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.63 ng	203529	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

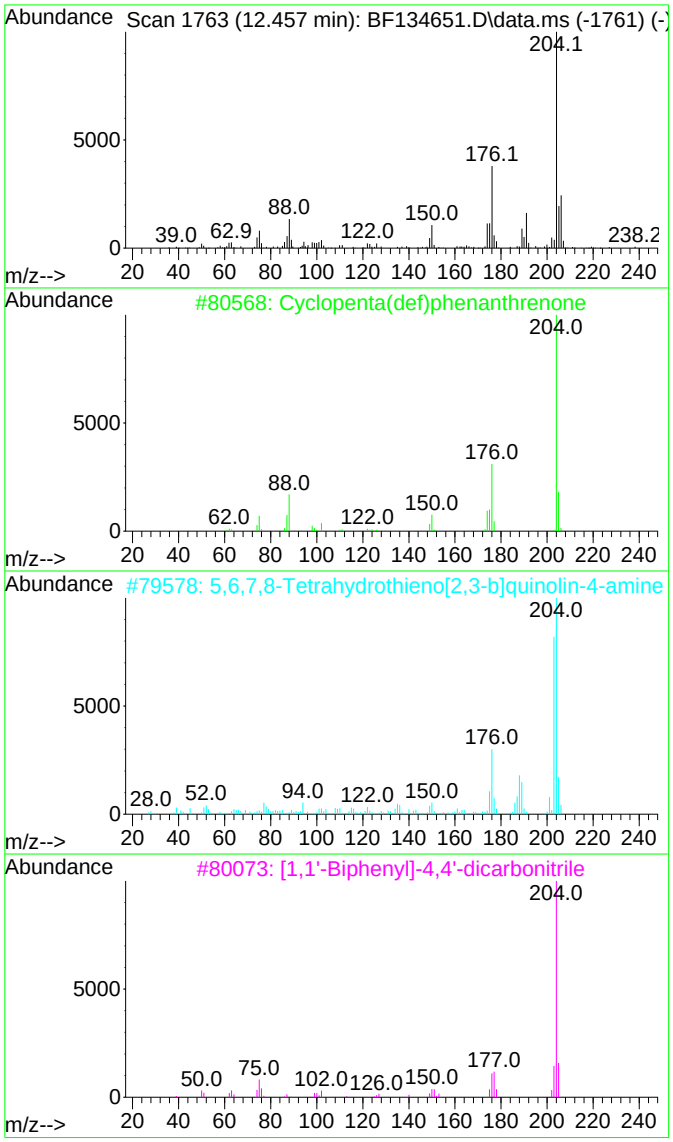
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

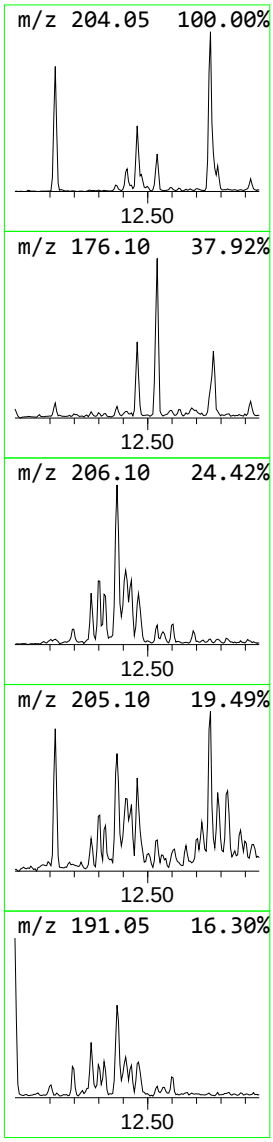
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.18 ng	168025	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

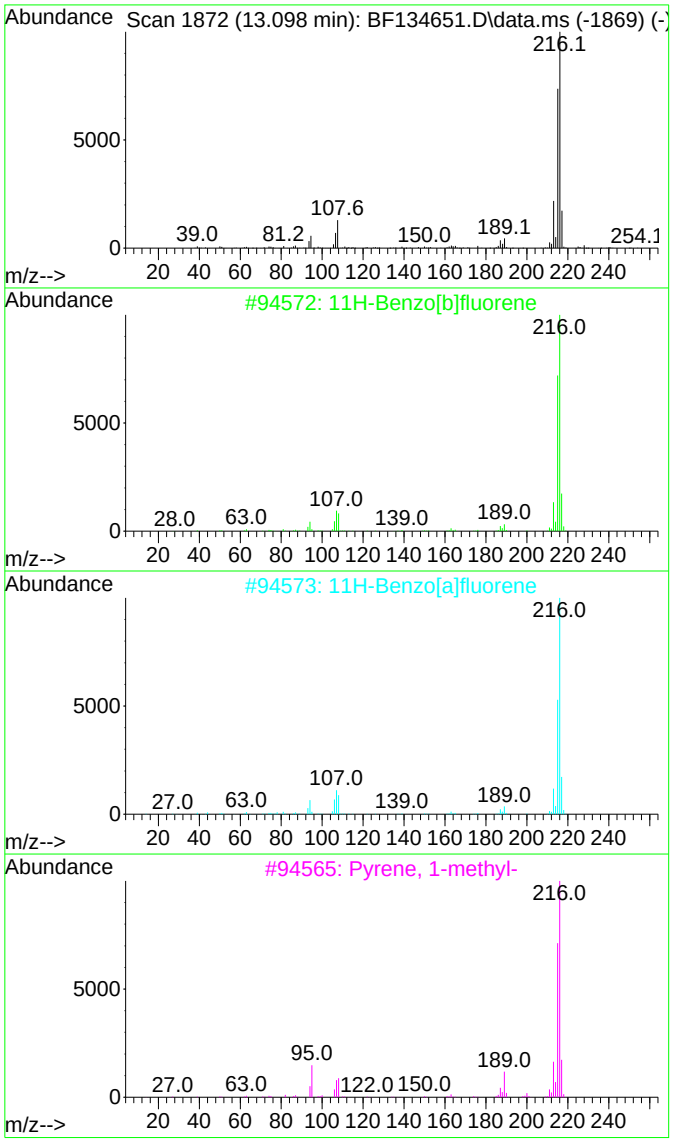
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

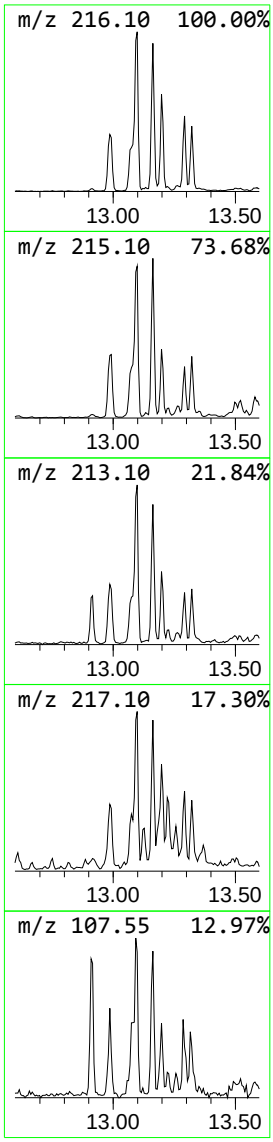
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.46 ng	458040	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

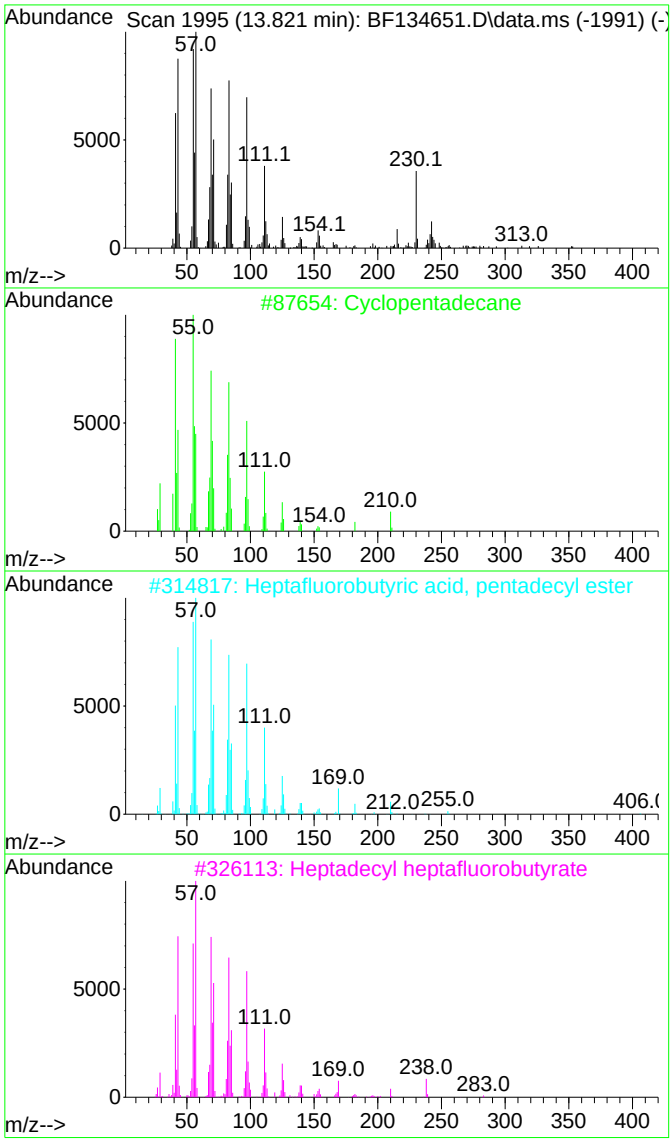
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

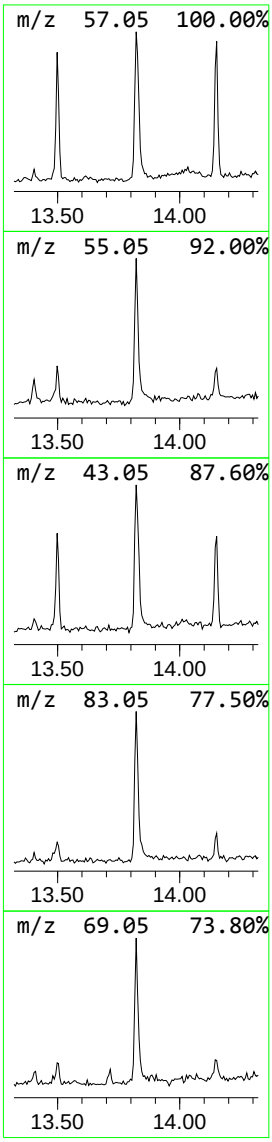
****

Peak Number 10 Cyclopentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	2.17 ng	404044	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

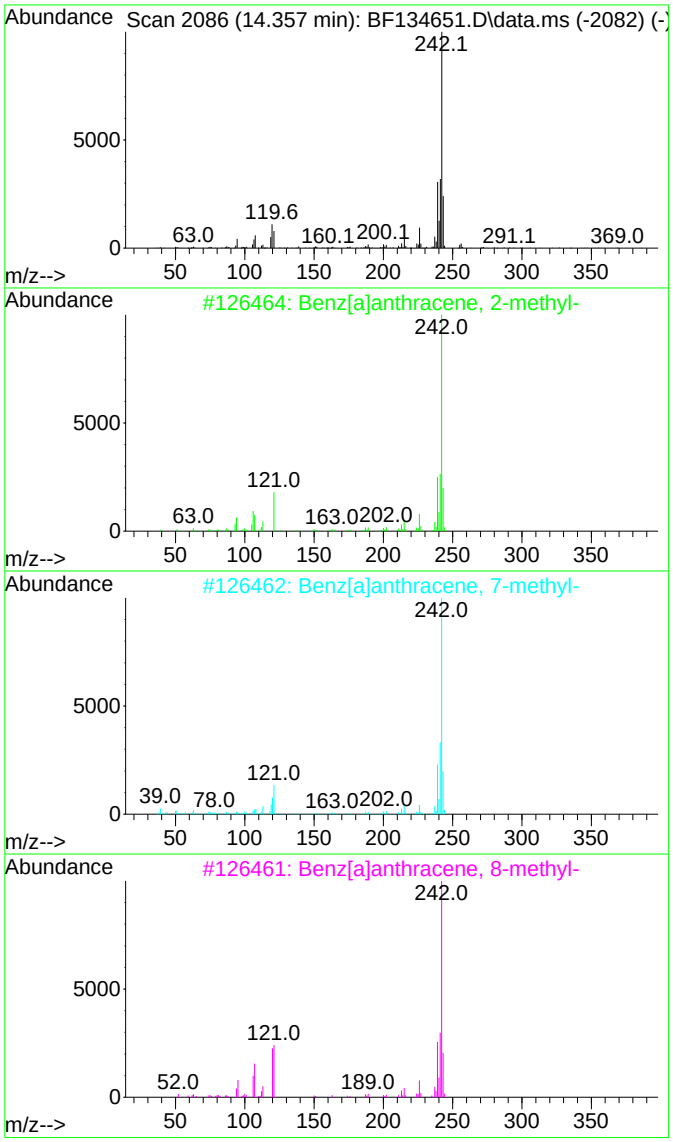
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

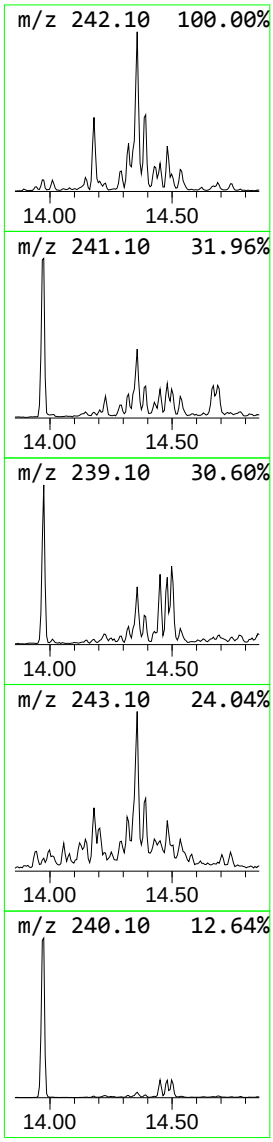
****

Peak Number 11 Benz[a]anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	2.05 ng	381701	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

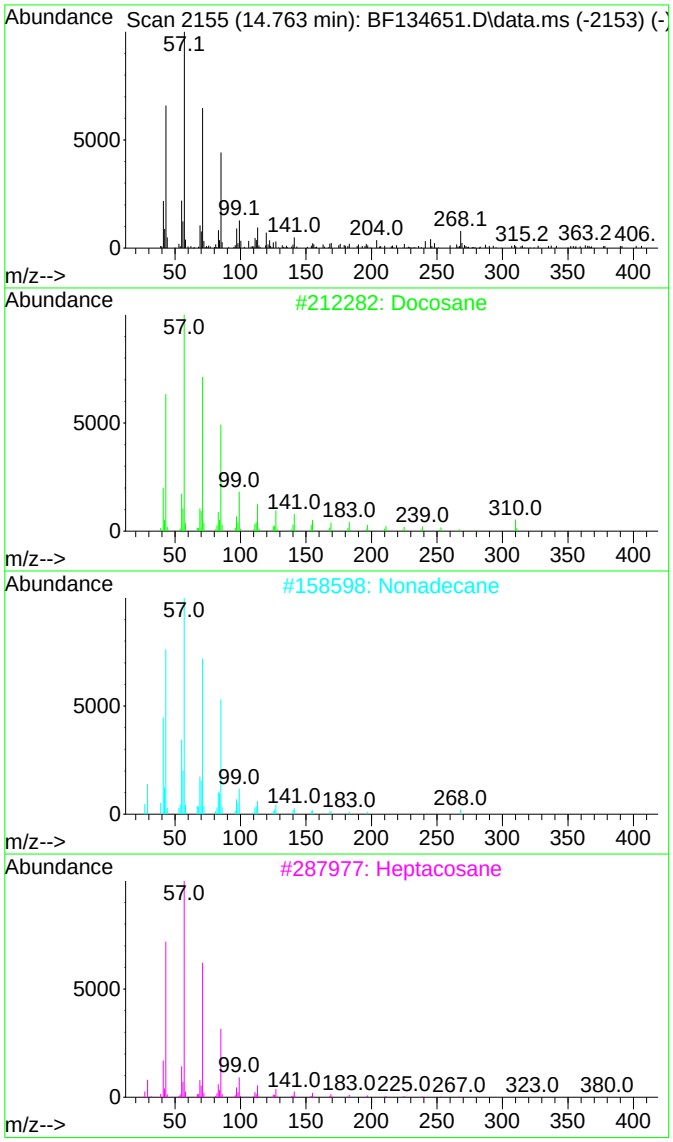
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

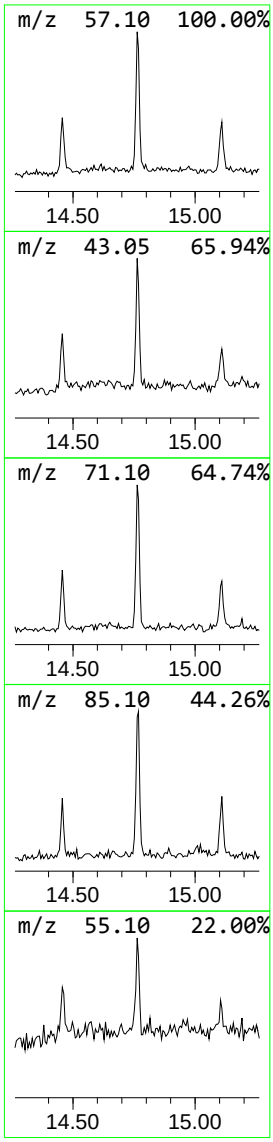
****

Peak Number 12 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	2.81 ng	179519	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

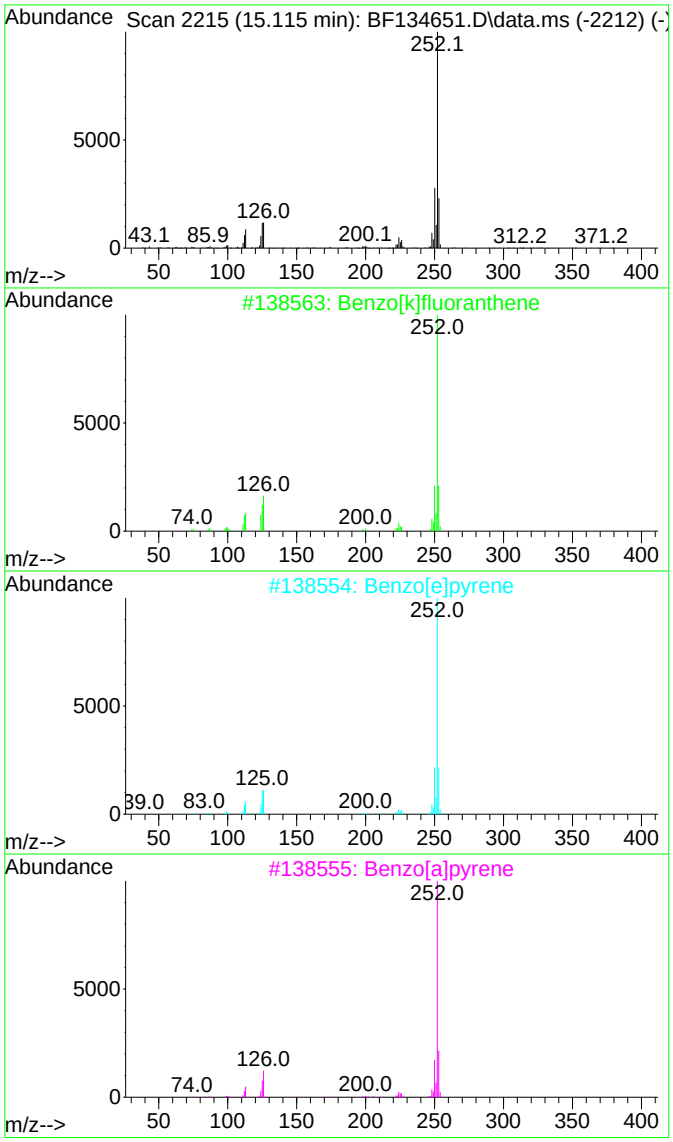
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

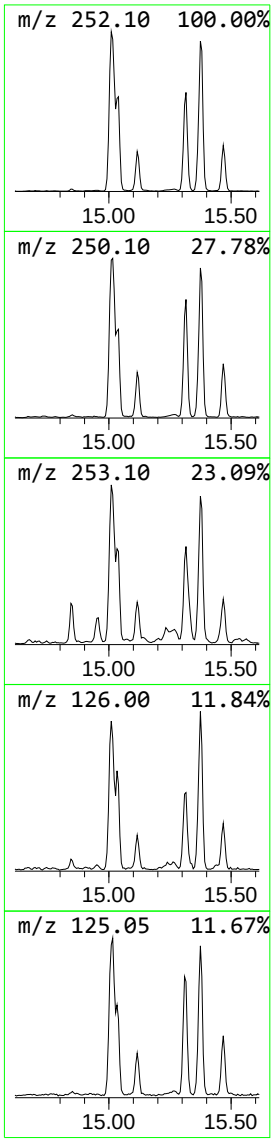
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	5.72 ng	365185	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

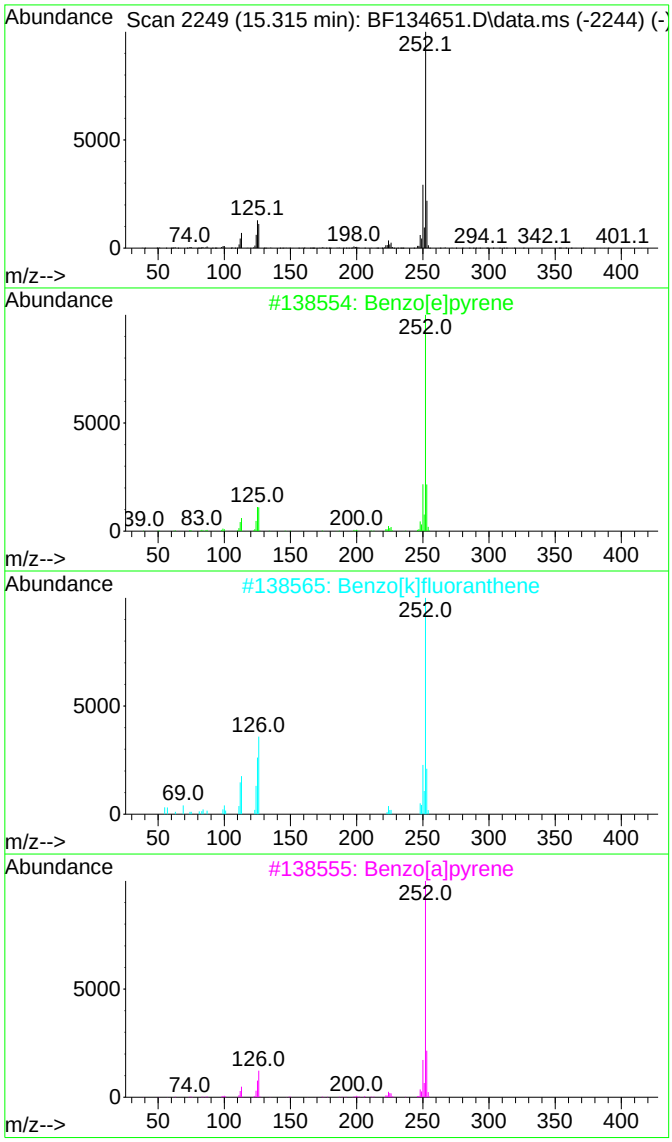
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

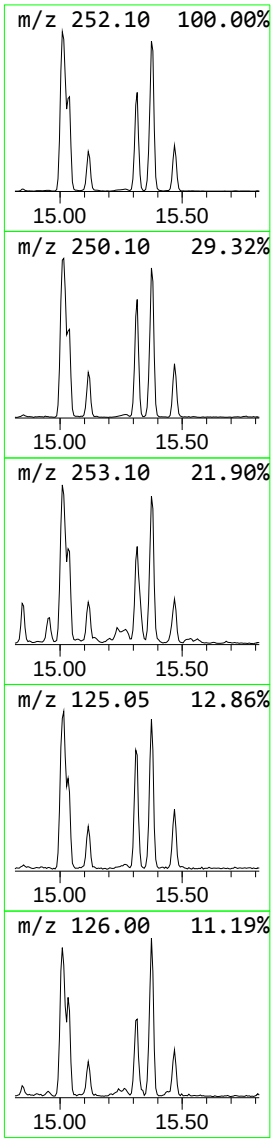
****

Peak Number 14 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	16.18 ng	1033200	Perylene-d12	15.439

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

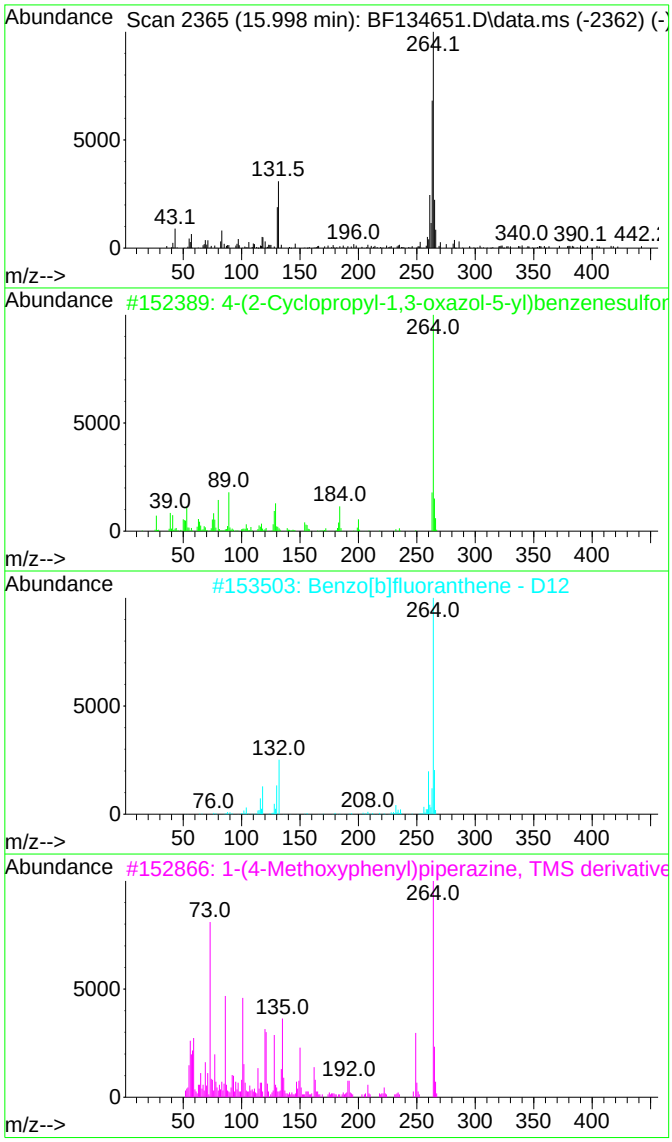
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

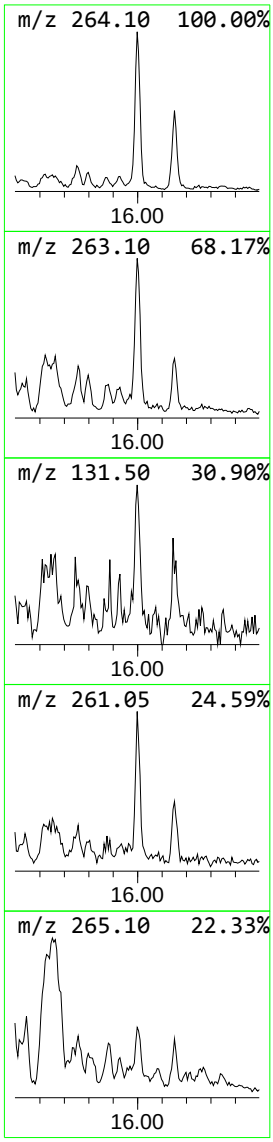
****

Peak Number 15 unknown15.998 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	3.07 ng	196088	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Cyclopropyl-1,3-oxazol-5-yl...	264	C12H12N2O3S	1000460-26-5	43
2	Benzo[b]fluoranthene - D12	264	C20D12	093951-98-5	43
3	1-(4-Methoxyphenyl)piperazine, T...	264	C14H24N2OSi	1000373-99-5	38
4	11-Methyl-10-phenyl-1,7,8,12-tet...	264	C15H12N4O	1000387-98-4	38
5	1,2,4-triazolo[4,3-b][1,2,4,5]te...	264	C10H12N6OS	1000396-87-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

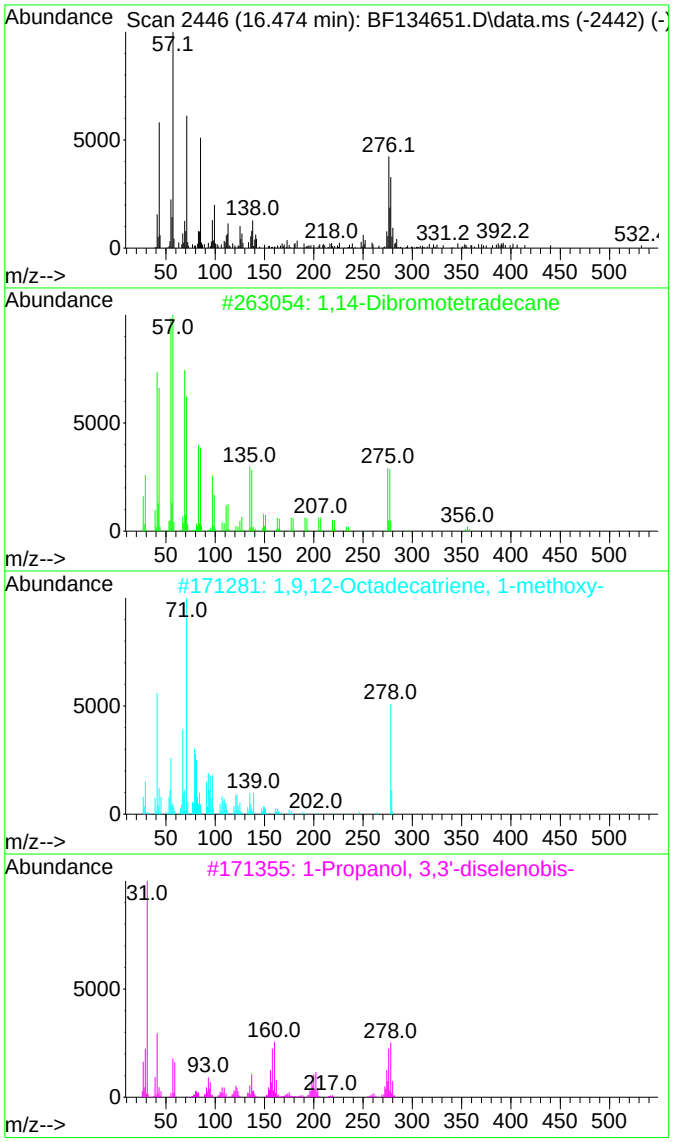
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

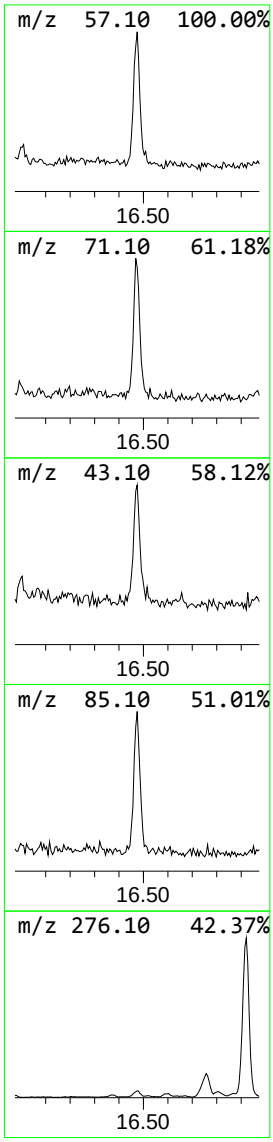
****

Peak Number 16 unknown16.474 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.474	2.08 ng	132773	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,14-Dibromotetradecane	354	C14H28Br2	037688-96-3	37
2	1,9,12-Octadecatriene, 1-methoxy-	278	C19H34O	056554-59-7	14
3	1-Propanol, 3,3'-diselenobis-	278	C6H14O2Se2	023243-47-2	12
4	14-Methyl-14-(3-oxobutyryloxy)-h...	382	C22H38O5	1000192-92-9	12
5	1,1,3,6-tetramethyl-2-(3,6,10,13...	449	C32H64	1010373-94-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

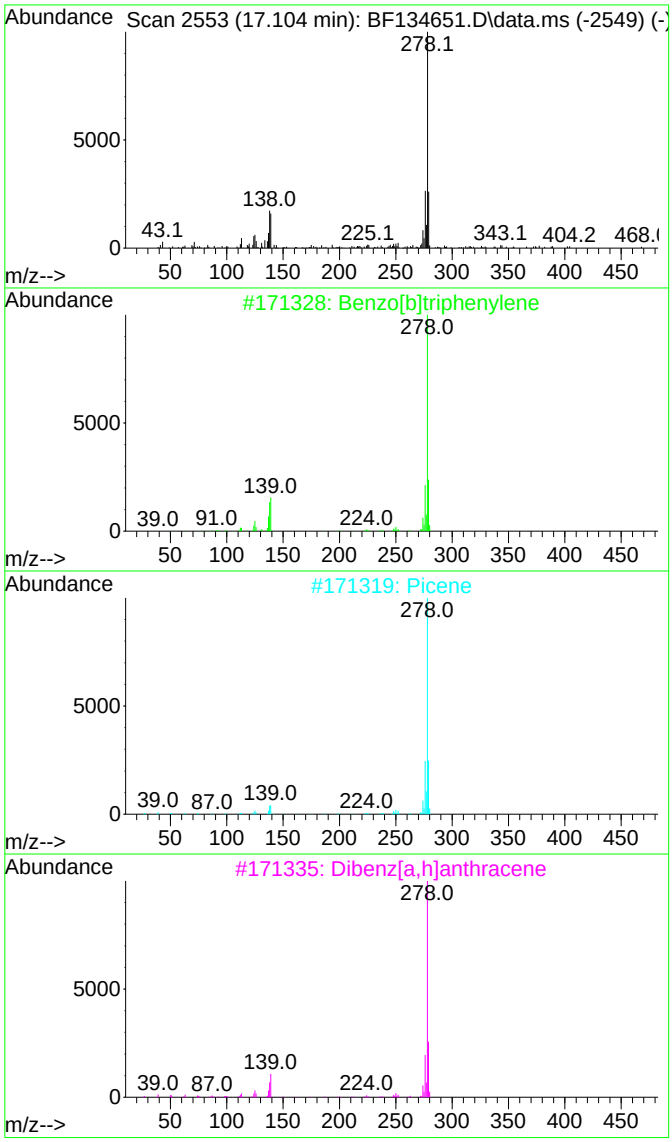
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

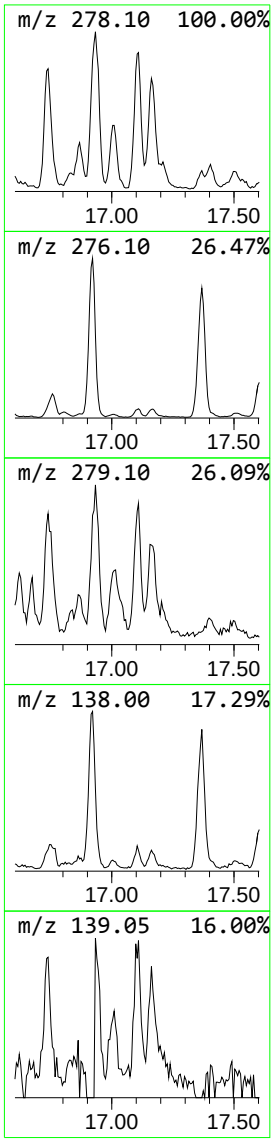
****

Peak Number 17 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.28 ng	145764	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Picene	278	C22H14	000213-46-7	93
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4	Pentaphene	278	C22H14	000222-93-5	90
5	Benzo[b]chrysene	278	C22H14	000214-17-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

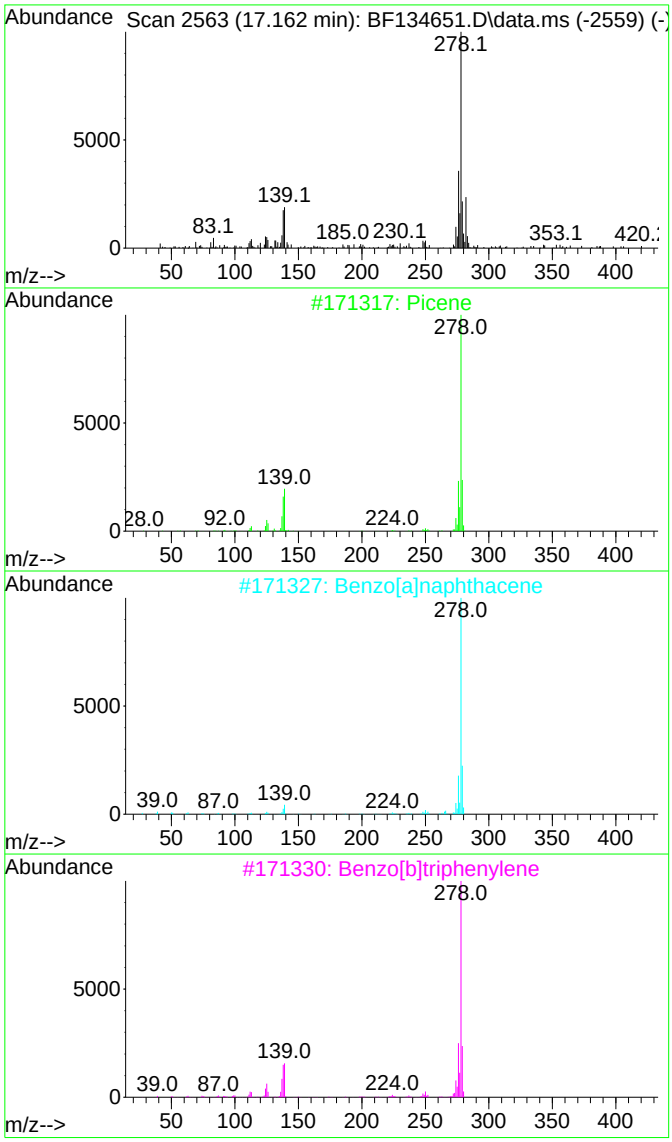
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

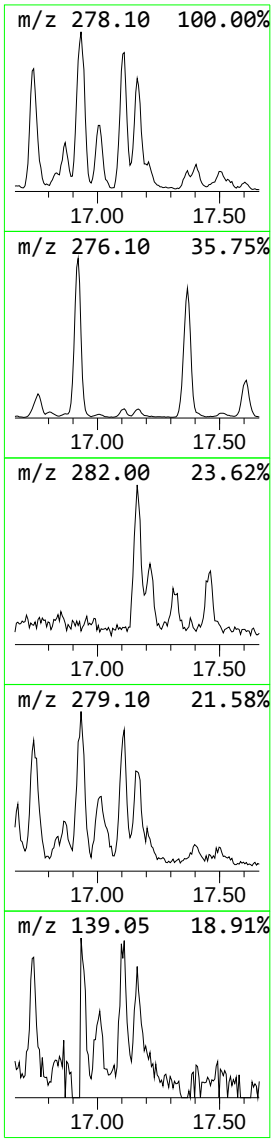
****

Peak Number 18 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	2.10 ng	134349	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	92
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	89
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	86
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5	Pentacene	278	C22H14	000135-48-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

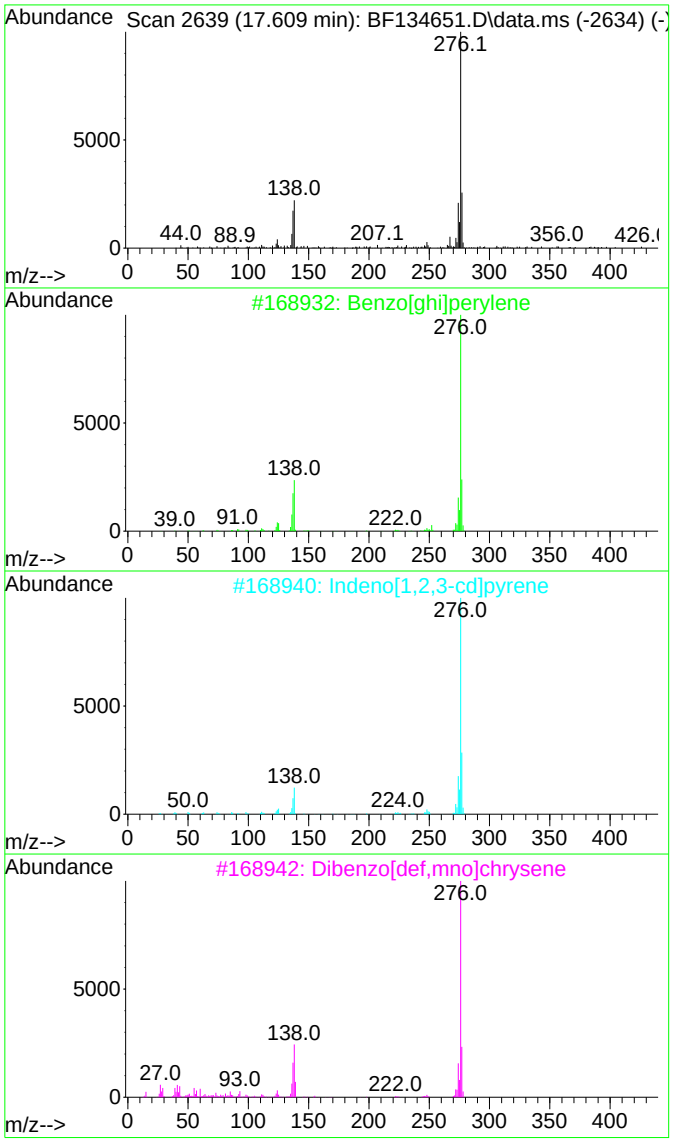
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

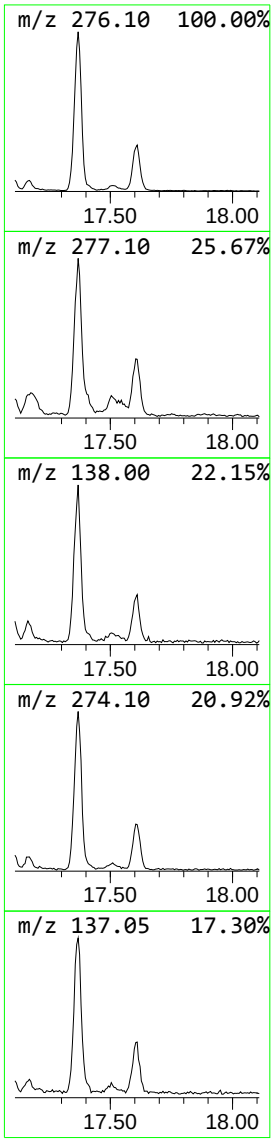
****

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.609	2.88 ng	184099	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	49
5	4-(2-(3-Nitrophenyl)ethenyl)quin...	276	C17H12N2O2	074839-90-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134651.D
Acq On : 07 Aug 2023 13:31
Operator : CG\JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
2,4,7,9-Tetrame...	9.269	2.8	ng	242851	3	9.833	1731530	20.0
Phenanthrene, 2...	11.822	2.8	ng	219636	4	11.322	1544890	20.0
Anthracene, 2-m...	11.851	5.6	ng	430647	4	11.322	1544890	20.0
Anthracene, 1-m...	11.898	2.0	ng	156263	4	11.322	1544890	20.0
4H-Cyclopenta[d...	11.933	6.9	ng	530215	4	11.322	1544890	20.0
Naphthalene, 2-...	12.121	2.6	ng	199317	4	11.322	1544890	20.0
Phenanthrene, 2...	12.374	2.6	ng	203529	4	11.322	1544890	20.0
Cyclopenta(def)...	12.457	2.2	ng	168025	4	11.322	1544890	20.0
11H-Benzo[b]flu...	13.098	2.5	ng	458040	5	13.974	3718920	20.0
Cyclopentadecane	13.821	2.2	ng	404044	5	13.974	3718920	20.0
Benz[a]anthrace...	14.357	2.0	ng	381701	5	13.974	3718920	20.0
Docosane	14.762	2.8	ng	179519	6	15.439	1277520	20.0
Benzo[e]pyrene	15.115	5.7	ng	365185	6	15.439	1277520	20.0
Benzo[j]fluoran...	15.315	16.2	ng	1033200	6	15.439	1277520	20.0
unknown15.998	15.998	3.1	ng	196088	6	15.439	1277520	20.0
unknown16.474	16.474	2.1	ng	132773	6	15.439	1277520	20.0
Benzo[b]triphen...	17.104	2.3	ng	145764	6	15.439	1277520	20.0
Picene	17.162	2.1	ng	134349	6	15.439	1277520	20.0
Dibenzo[def,mno...	17.609	2.9	ng	184099	6	15.439	1277520	20.0