LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-504-COMP-06

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.251	363	368	375	rBV	55627	72349	1.95%	0.143%
2	4.898	473	478	488	rBV	1320291	1645293	44.25%	3.249%
3	5.334	547	552	565	rBV	3562668	3546700	95.39%	7.004%
4	5.722	615	618	622	rBV	109523	103506	2.78%	0.204%
5	6.363	722	727	730	rBV	3889976	3388964	91.15%	6.693%
6	6.716	784	787	791	rBV	1370139	1231610	33.12%	2.432%
7	6.981	829	832	840	rVB	41683	53428	1.44%	0.106%
8	7.281	879	883	886	rBV	2478619	2251439	60.55%	4.446%
9	8.004	1002	1006	1009	rBV	2054437	1599040	43.01%	3.158%
10	8.651	1110	1116	1120	rBV5	34241	58182	1.56%	0.115%
11	8.816	1141	1144	1147	rVB	50422	47069	1.27%	0.093%
12	9.080	1185	1189	1192	rBV	4631553	3718107	100.00%	7.343%
13	9.163	1199	1203	1206	rBV3	38022	51942	1.40%	0.103%
14	9.416	1242	1246	1248	rBV2	44488	45092	1.21%	0.089%
15	9.480	1252	1257	1261	rVV3	86588	132334	3.56%	0.261%
16	9.533	1263	1266	1271	rVB3	33795	47640	1.28%	0.094%
17	9.616	1276	1280	1284	rBV	489386	453169	12.19%	0.895%
18	9.751	1300	1303	1307	rVB	1744055	1495892	40.23%	2.954%
19	9.786	1307	1309	1316	rVB4	29359	48501	1.30%	0.096%
20	10.069	1353	1357	1359	rBV4	30239	45617	1.23%	0.090%
21	10.157	1369	1372	1375	rBV4	34781	47441	1.28%	0.094%
22	10.204	1376	1380	1385	rVV2	57372	75861	2.04%	0.150%
23	10.410	1412	1415	1421	rVB3	42509	45498	1.22%	0.090%
24	10.463	1421	1424	1429	rVV	751781	651512	17.52%	1.287%
25	10.539	1433	1437	1451	rVV	1772025	1684007	45.29%	3.326%
26	10.669	1455	1459	1466	rVB4	89499	122848	3.30%	0.243%
27	10.774	1474	1477	1481	rVB	126533	110587	2.97%	0.218%
28	11.133	1536	1538	1543	rVB2	46215	52564	1.41%	0.104%
29	11.233	1552	1555	1558	rBV	1477873	1374362	36.96%	2.714%
30	11.257	1558	1559	1564	rVV	607900	408619	10.99%	0.807%
31	11.310	1565	1568	1571	rVB	241460	195968	5.27%	0.387%
32	11.345	1571	1574	1577	rBV2	55451	54704	1.47%	0.108%
33	11.569	1609	1612	1618	rVB2	52128	56491	1.52%	0.112%
34	11.739	1637	1641	1643	rBV	202207	197437	5.31%	0.390%
35	11.774	1643	1647	1651	rVV2	347007	544226	14.64%	1.075%
36	11.810	1651	1653	1656	rVV	129860	140588	3.78%	0.278%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-504-COMP-06

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.845	1656	1659	1662	rVV	346108	409732	11.02%	0.809%
38	11.869	1662	1663	1669	rVB	197172	148165	3.98%	0.293%
39	12.033	1688	1691	1693	rBV2	120704	103095	2.77%	0.204%
40	12.057	1693	1695	1699	rVB2	140454	128617	3.46%	0.254%
41	12.216	1719	1722	1724	rBV	65837	58754	1.58%	0.116%
42	12.233	1724	1725	1728	rVB	59775	49055	1.32%	0.097%
43	12.286	1731	1734	1737	rBV	266072	267572	7.20%	0.528%
44	12.321	1737	1740	1742	rVV2	142909	165089	4.44%	0.326%
45	12.369	1746	1748	1753	rVV2	176179	189260	5.09%	0.374%
46	12.445	1758	1761	1765	rVB	2068907	1676906	45.10%	3.312%
47	12.492	1767	1769	1771	rBV	76204	78516	2.11%	0.155%
48	12.539	1775	1777	1779	rBV	219931	189627	5.10%	0.374%
49	12.563	1779	1781	1785	rBV2	476518	427731	11.50%	0.845%
50	12.674	1794	1800	1803	rBV	2110990	1991215	53.55%	3.932%
51	12.716	1803	1807	1814	rVB2	408041	713753	19.20%	1.410%
52	12.792	1817	1820	1822	rBV	109195	106948	2.88%	0.211%
53	12.821	1822	1825	1832	rVB	3355320	3039086	81.74%	6.002%
54	12.898	1832	1838	1841	rBV2	294784	426109	11.46%	0.842%
55	12.951	1845	1847	1849	rBV3	59415	54994	1.48%	0.109%
56	12.980	1849	1852	1854	rBV2	231136	303330	8.16%	0.599%
57	13.004	1854	1856	1860	rVB	397212	321332	8.64%	0.635%
58	13.068	1864	1867	1870	rVB	209036	173853	4.68%	0.343%
59	13.110	1870	1874	1877	rBV2	370666	389297	10.47%	0.769%
60	13.163	1881	1883	1886	rBV2	49536	59335	1.60%	0.117%
61	13.198	1886	1889	1892	rVV	290653	229497	6.17%	0.453%
62	13.227	1892	1894	1898	rVB2	252616	231349	6.22%	0.457%
63	13.510	1939	1942	1947	rVB	294419	307598	8.27%	0.607%
64	13.621	1957	1961	1963	rBV2	272197	330296	8.88%	0.652%
65	13.651	1963	1966	1968	rVV	234060	229173	6.16%	0.453%
66	13.668	1968	1969	1975	rVV2	174159	246882	6.64%	0.488%
67	13.715	1975	1977	1981	rVB	223184	226895	6.10%	0.448%
68	13.868	1998	2003	2006	rBV2	1810598	2731016	73.45%	5.394%
69	13.898	2006	2008	2014	rVB	1516799	1295669	34.85%	2.559%
70	13.957	2016	2018	2019	rBV2	86859	59024	1.59%	0.117%
71	14.015	2026	2028	2030	rVB	119163	80145	2.16%	0.158%
72	14.127	2045	2047	2050	rVB2	82850	64929	1.75%	0.128%
73	14.221	2061	2063	2065	rBV2	117866	115830	3.12%	0.229%
74	14.257	2065	2069	2073	rVV	374282	486792	13.09%	0.961%
75	14.292	2073	2075	2078	rVB	246735	227617	6.12%	0.450%
76	14.351	2083	2085	2088	rVB2	148182	129858	3.49%	0.256%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.386	2088	2091	2092	rBV	185066	169197	4.55%	0.334%
78	14.892	2173	2177	2180	rBV	1185328	1772805	47.68%	3.501%
79	14.992	2192	2194	2198	rVB	264387	260571	7.01%	0.515%
80	15.174	2222	2225	2231	rVB	673778	857551	23.06%	1.694%
81	15.233	2231	2235	2241	rBV	895272	1152405	30.99%	2.276%
82	15.292	2242	2245	2248	rBV	723035	862976	23.21%	1.704%
83	16.674	2475	2480	2488	rVB2	417567	781524	21.02%	1.543%
84	17.086	2547	2550	2558	rVB	297241	515749	13.87%	1.019%

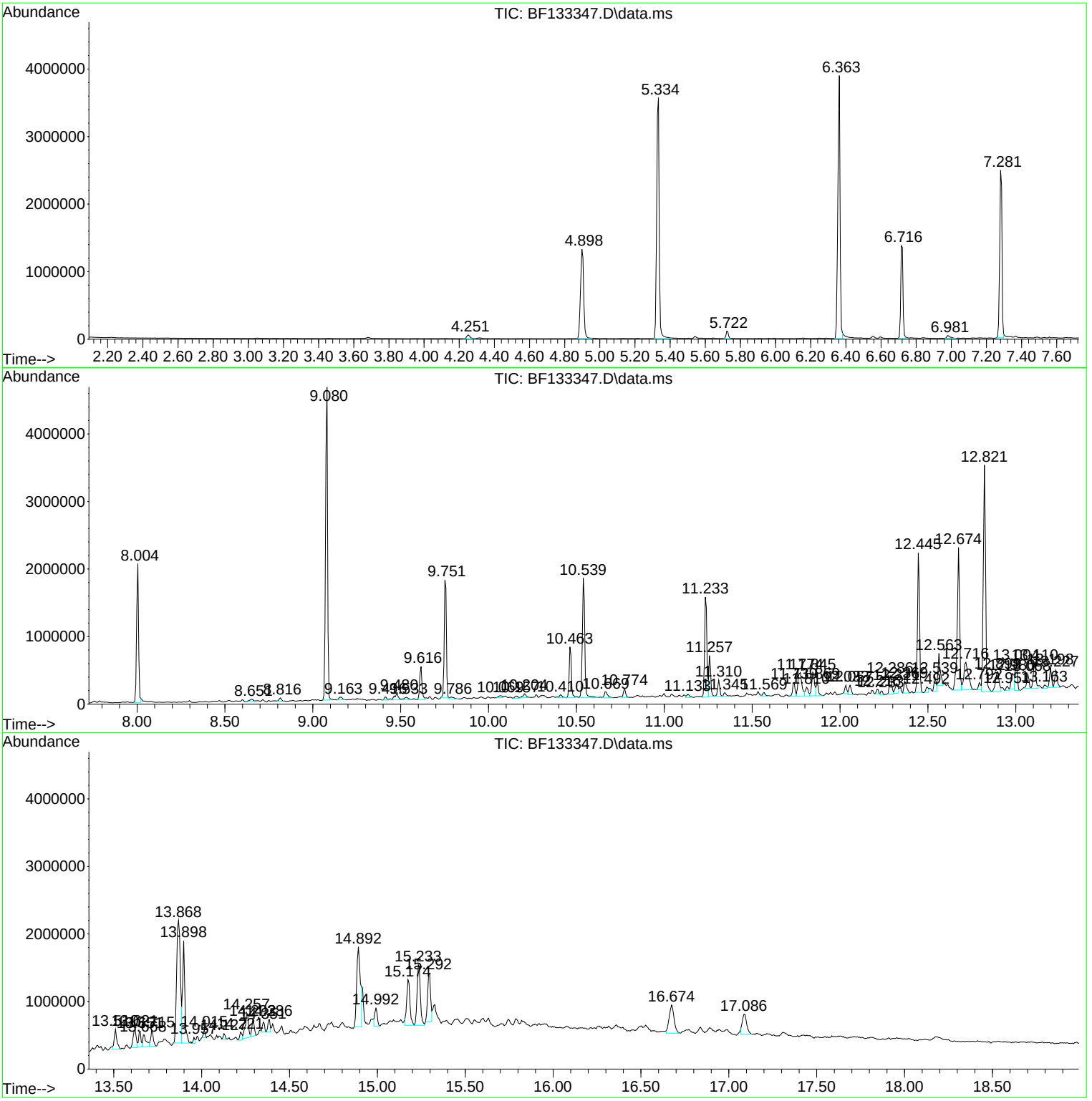
Sum of corrected areas: 50635306

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

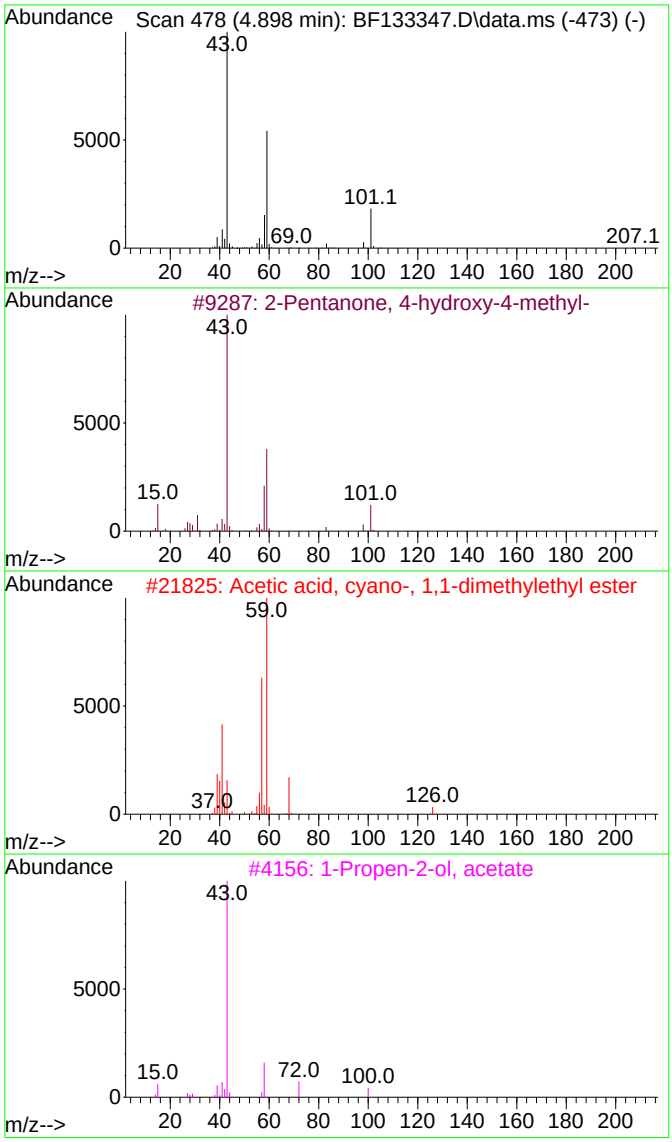
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

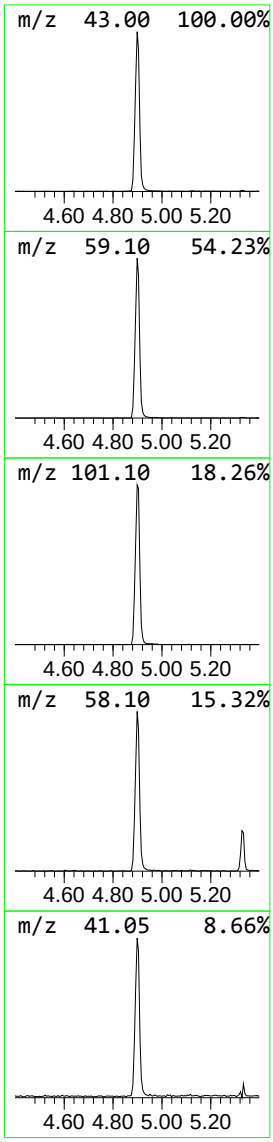
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	26.72 ng	1645290	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

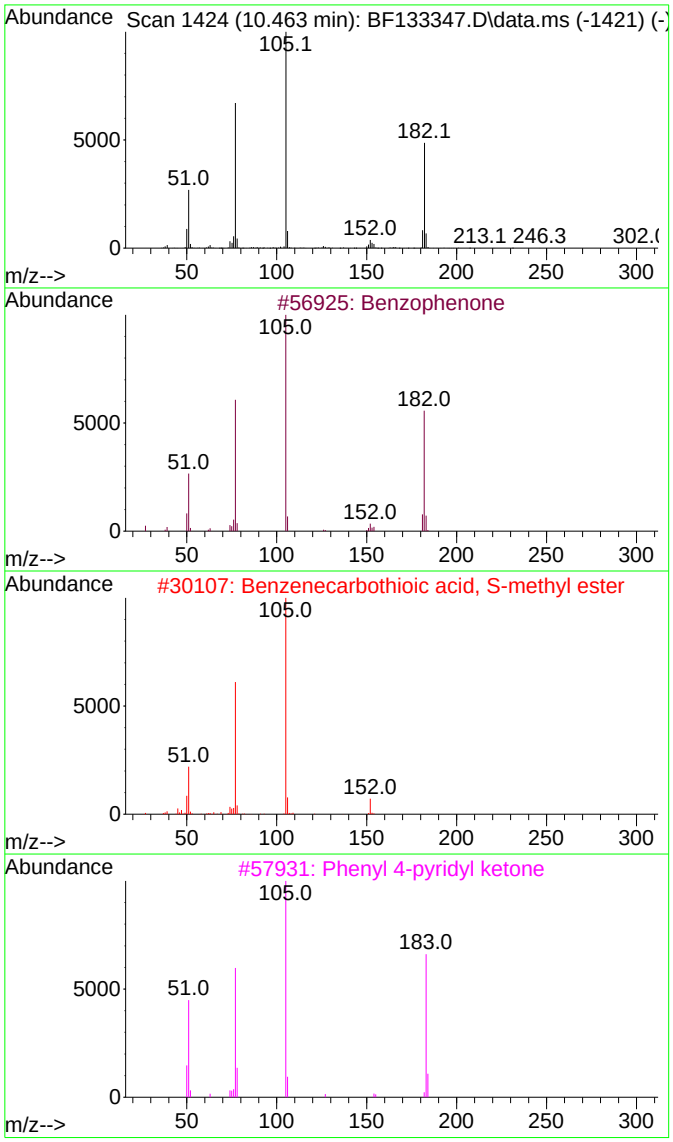
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

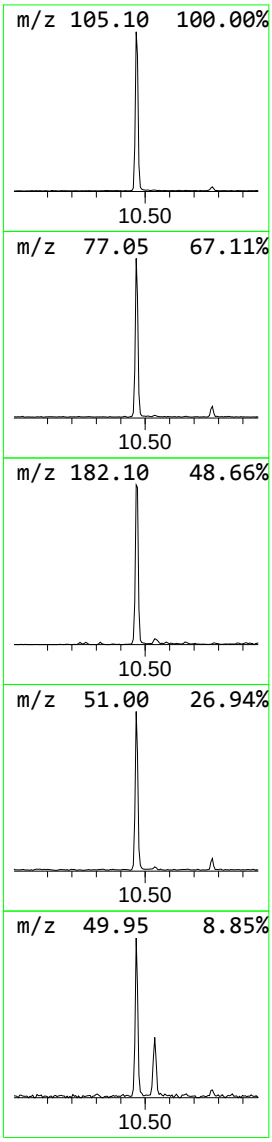
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	8.71 ng	651512	Acenaphthene-d10	9.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

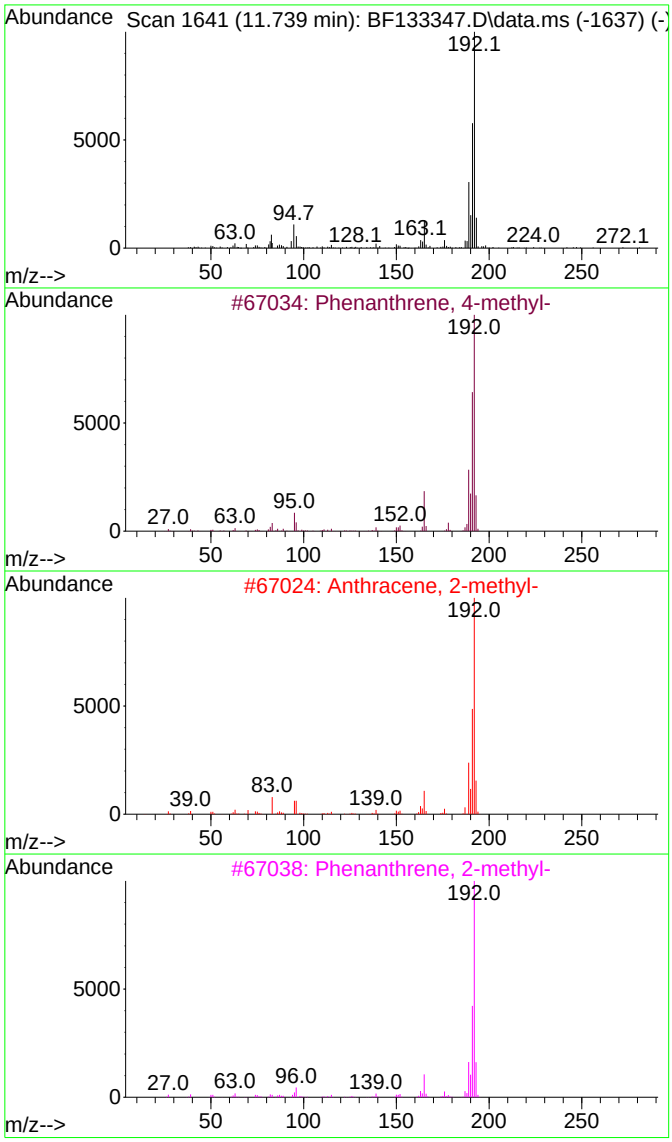
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

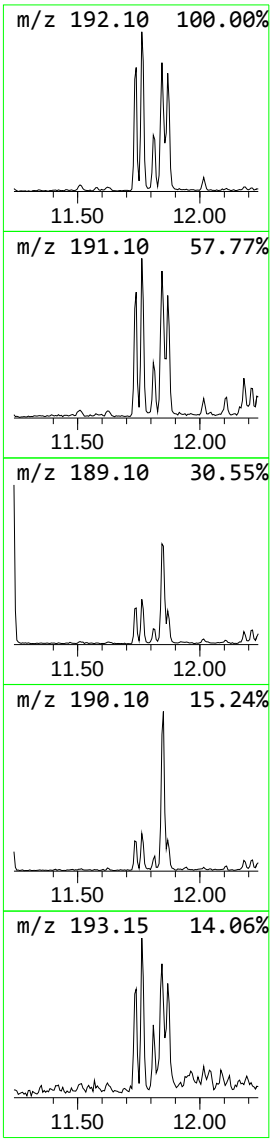
****

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	2.87 ng	197437	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

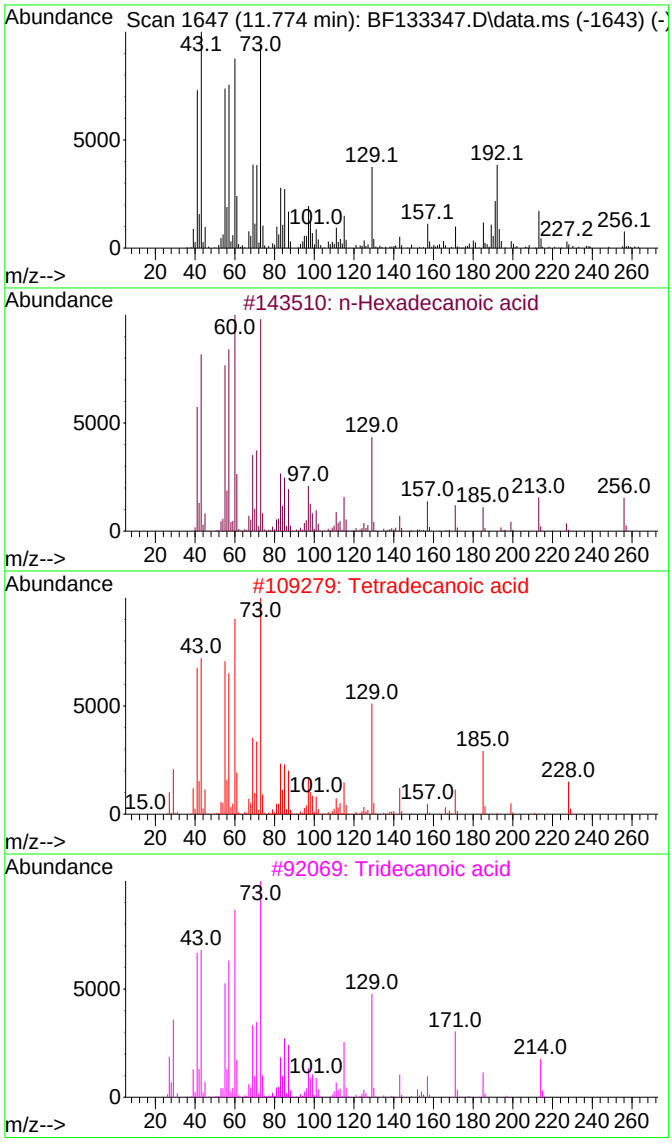
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

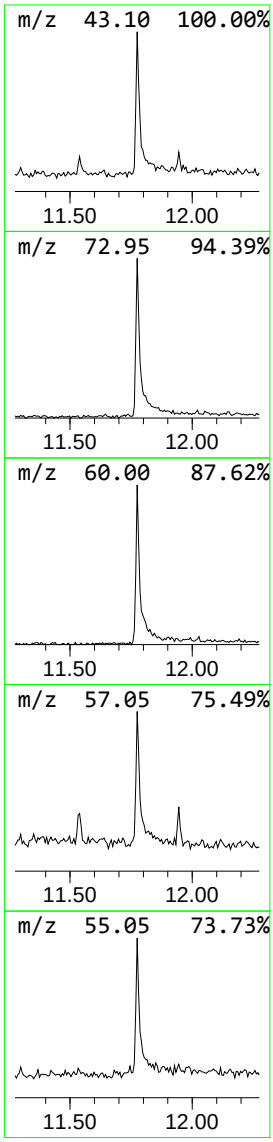
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	7.92 ng	544226	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

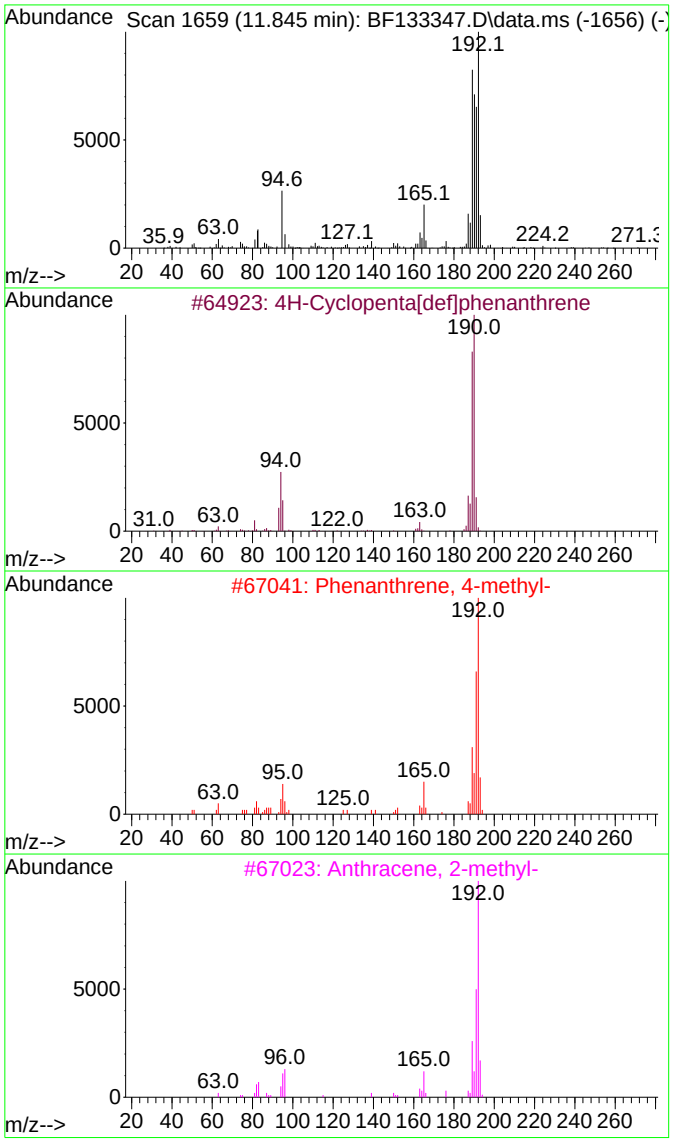
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

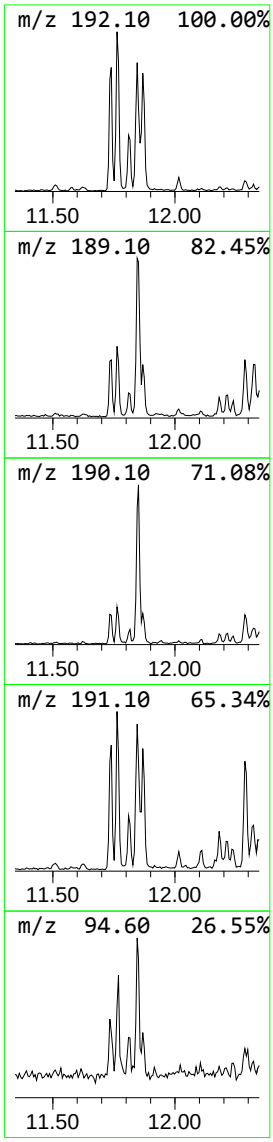
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	5.96 ng	409732	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

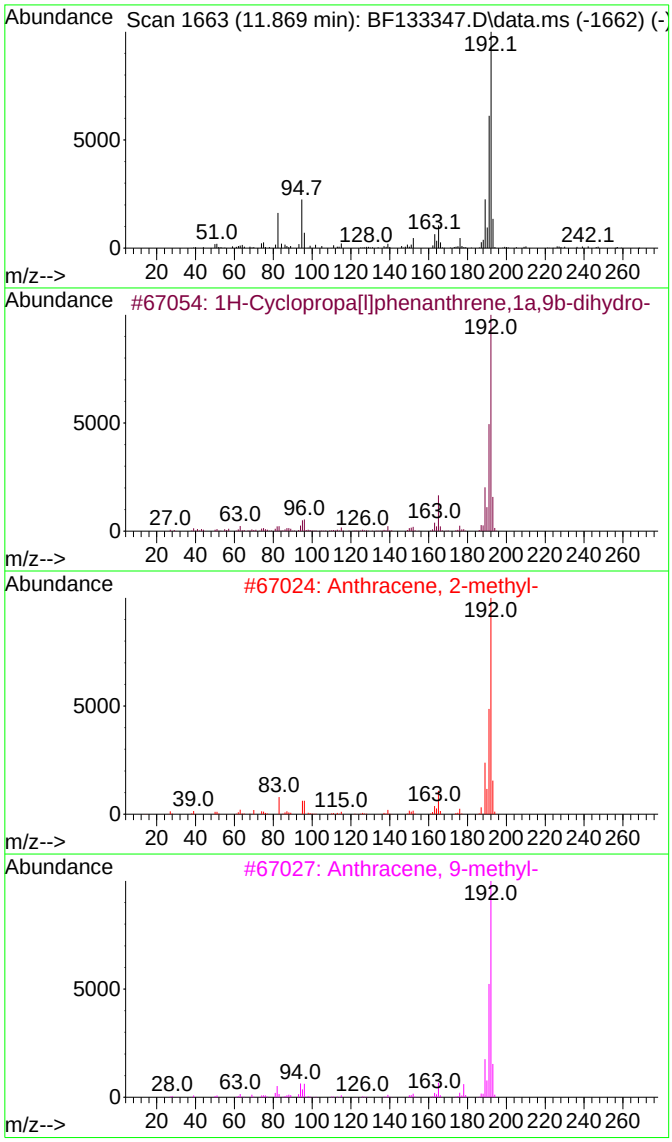
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

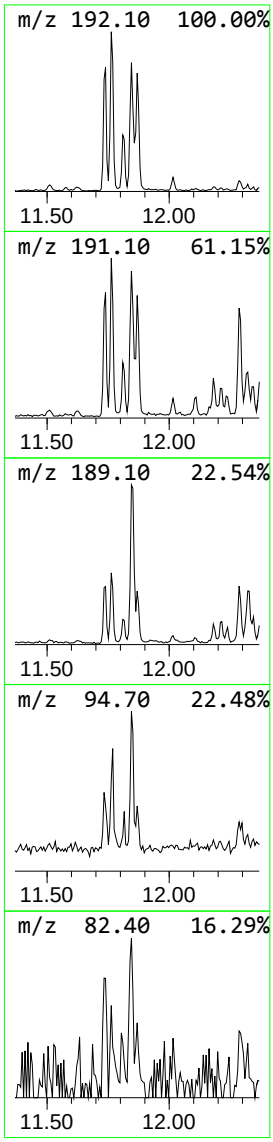
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.16 ng	148165	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

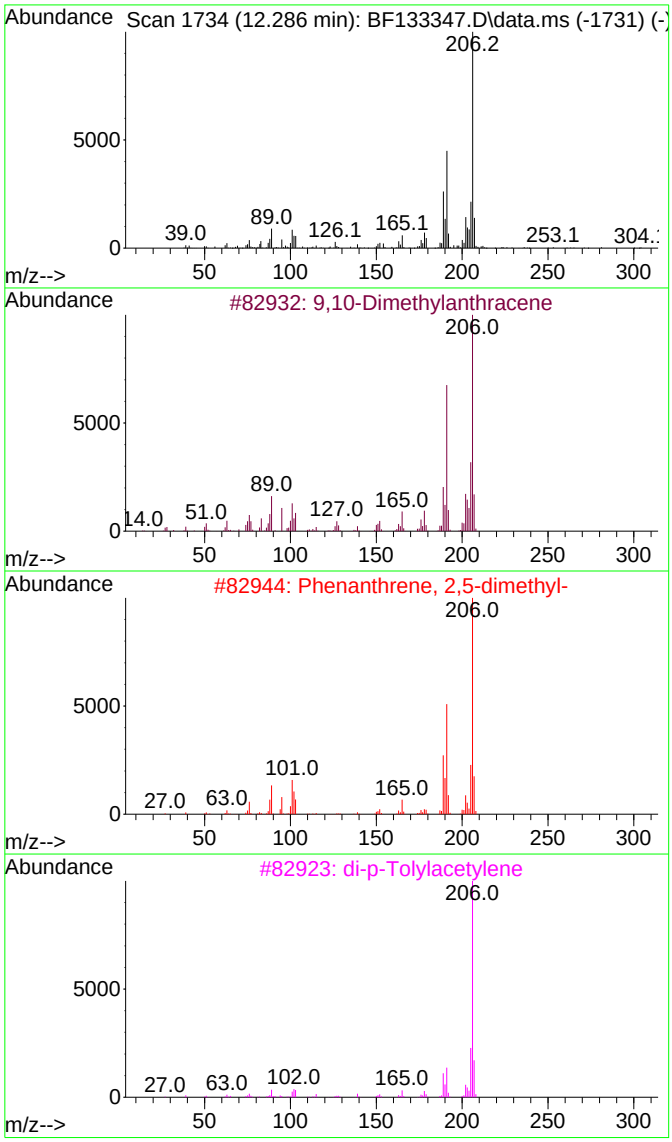
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

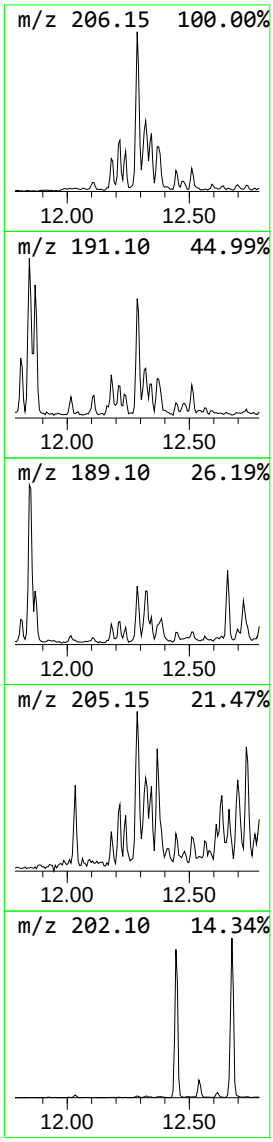
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	3.89 ng	267572	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

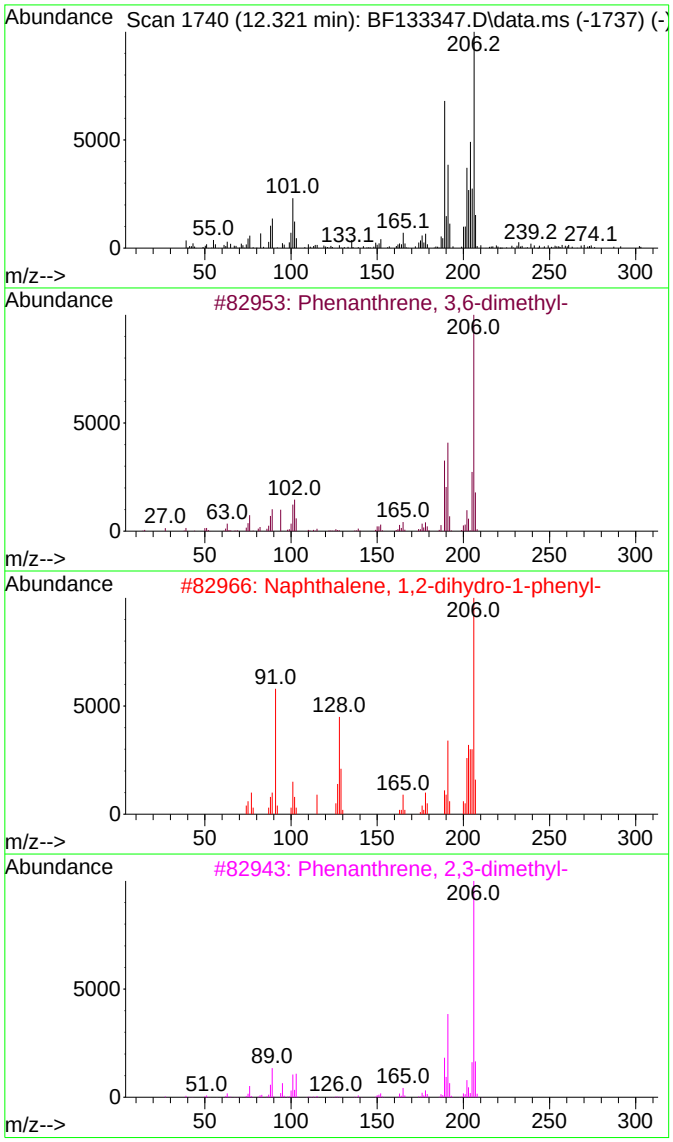
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

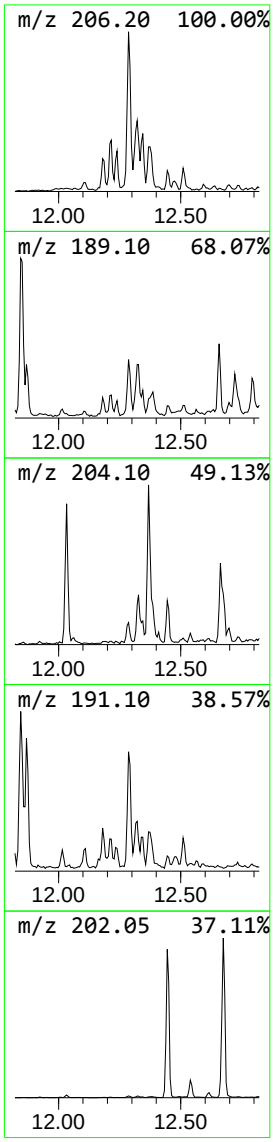
****

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	2.40 ng	165089	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	60
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	55
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

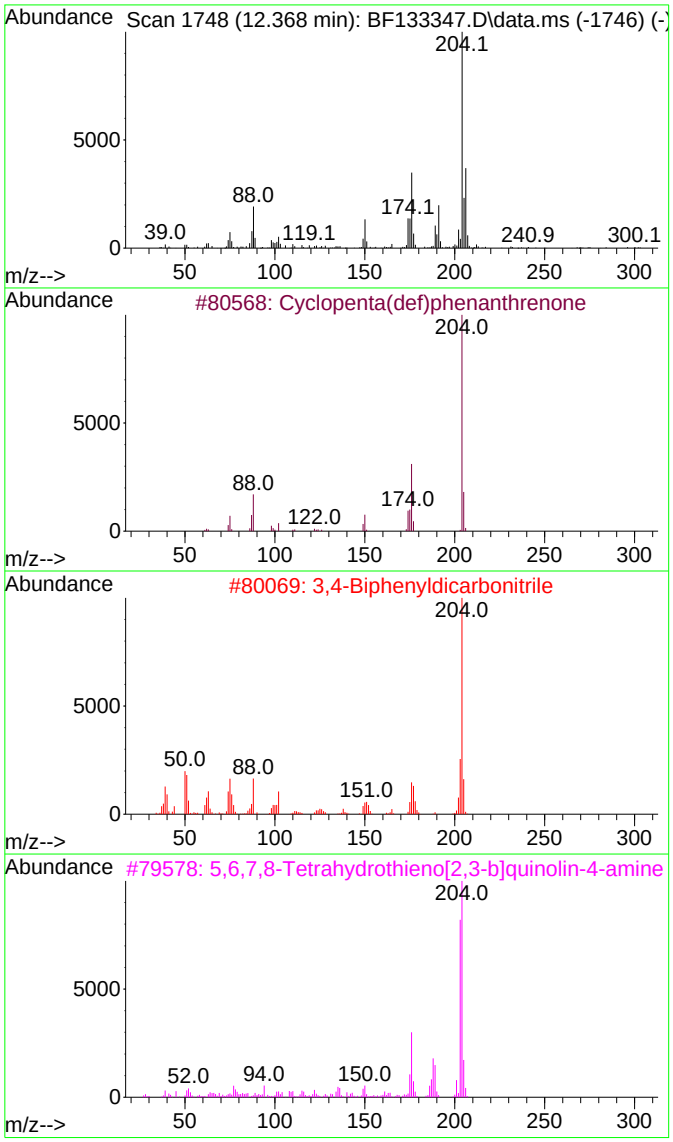
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

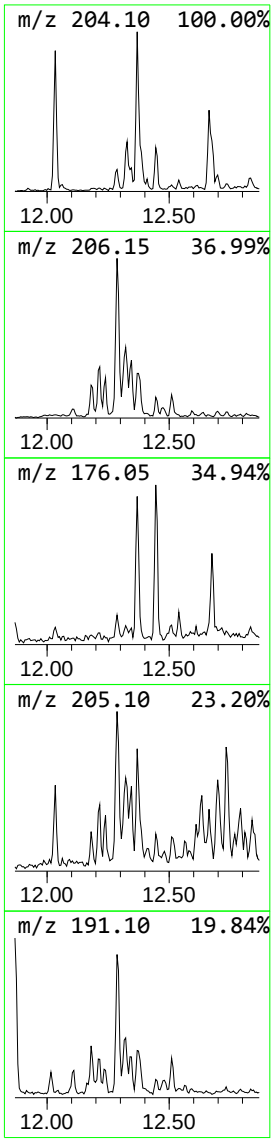
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.75 ng	189260	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

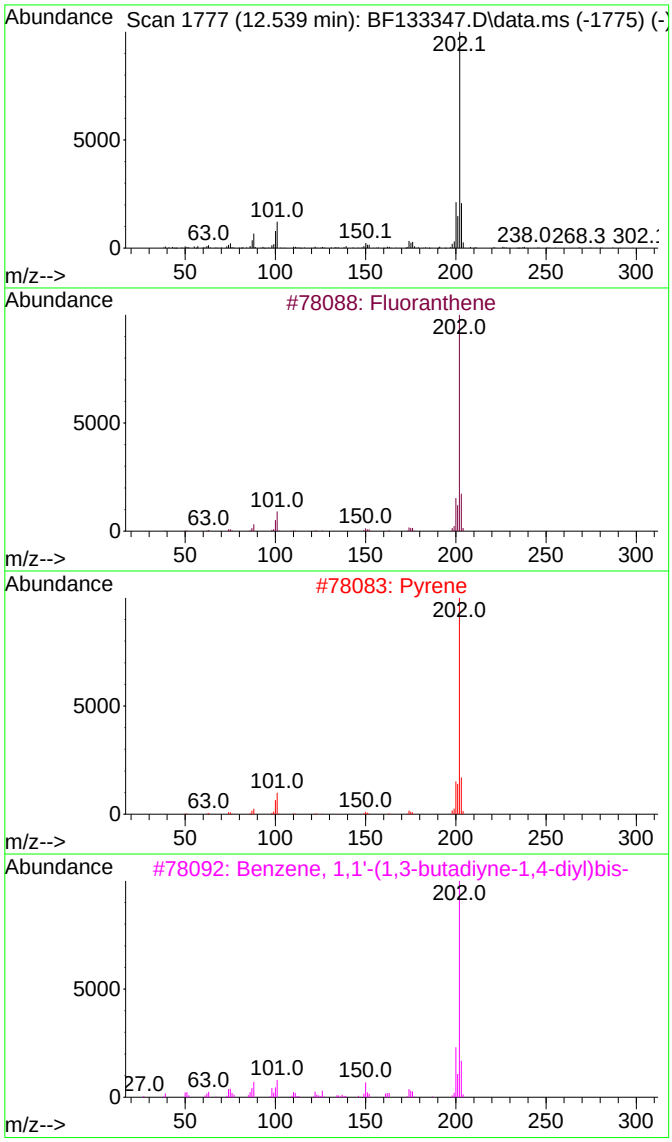
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

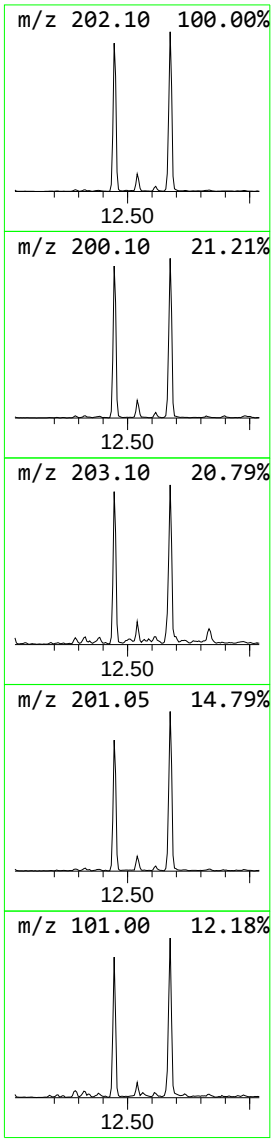
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	2.76 ng	189627	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	83
4	Pyrene, 10b,10c-dihydro-10b,10c-...	288	C22H24	028816-94-6	36
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

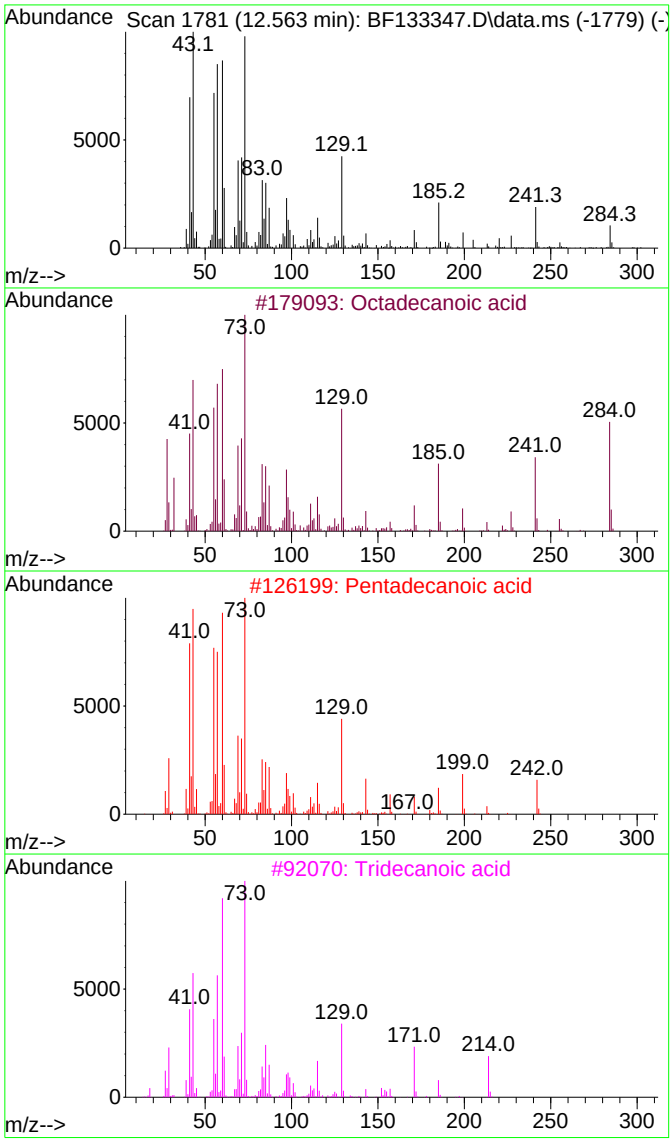
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

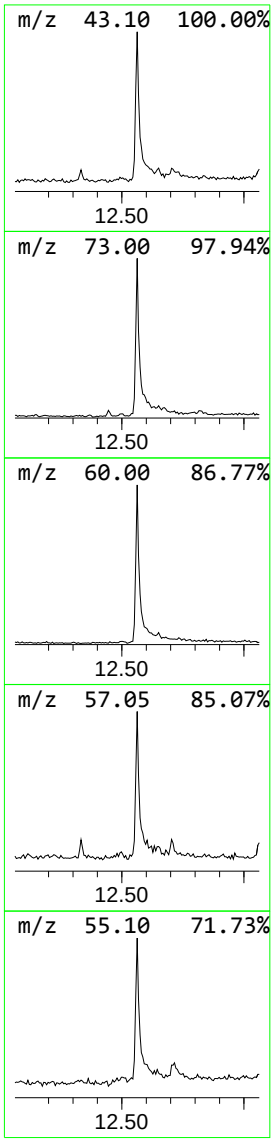
****

Peak Number 11 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	3.13 ng	427731	Chrysene-d12	13.874

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

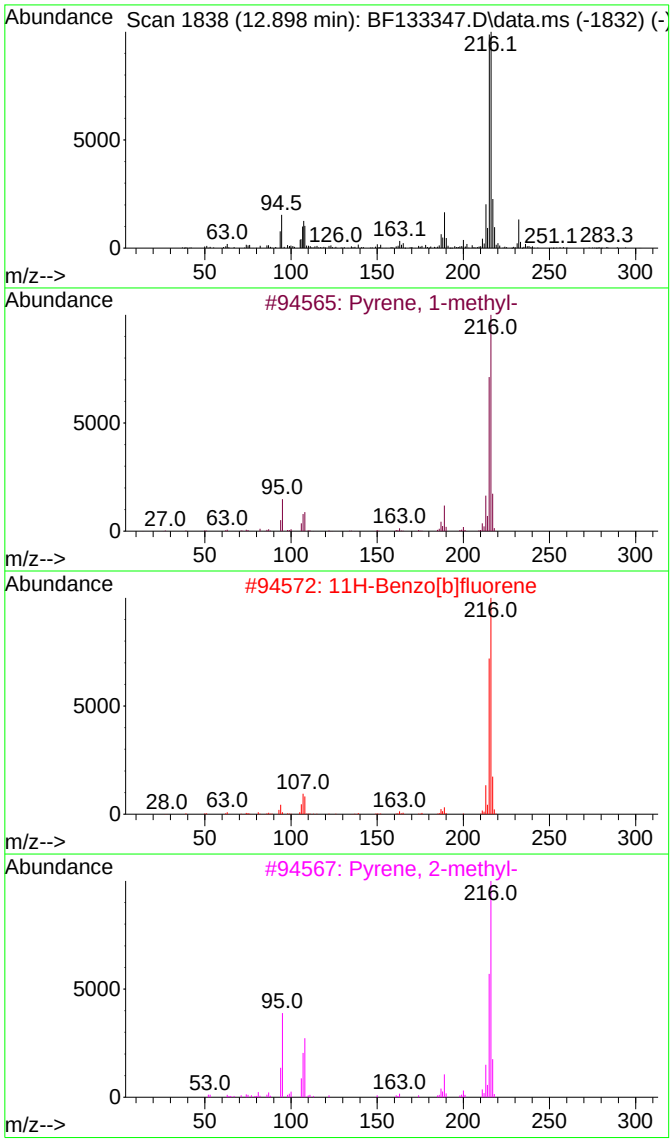
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

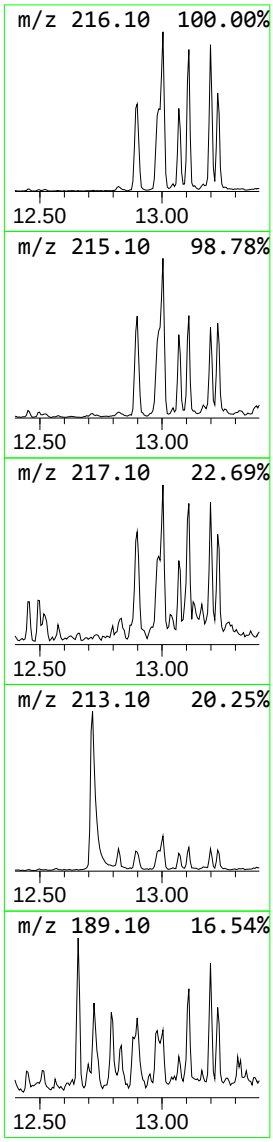
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	3.12 ng	426109	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

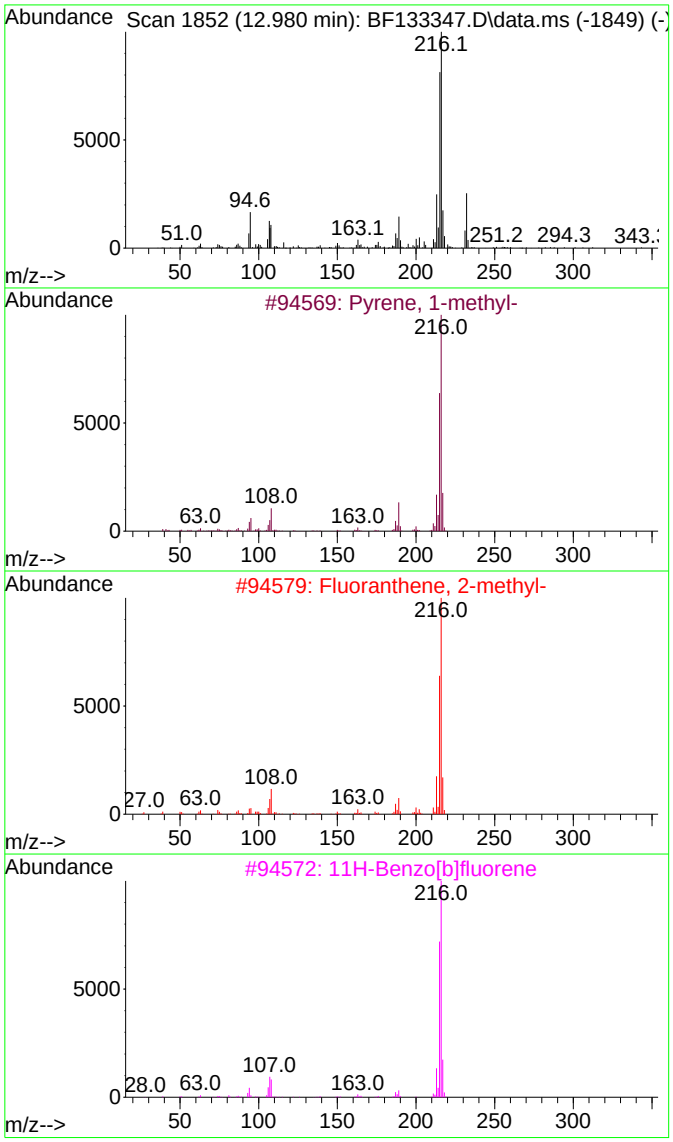
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

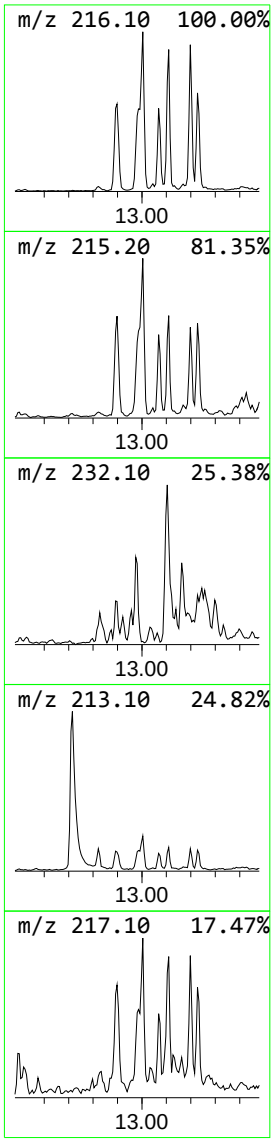
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.22 ng	303330	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

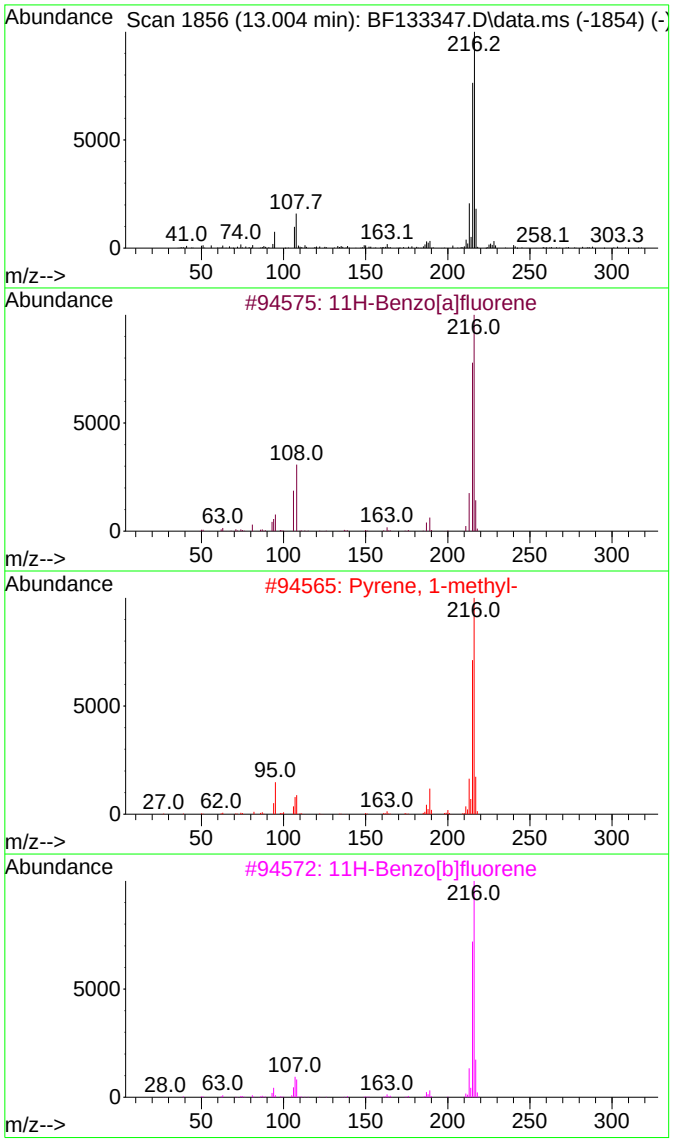
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

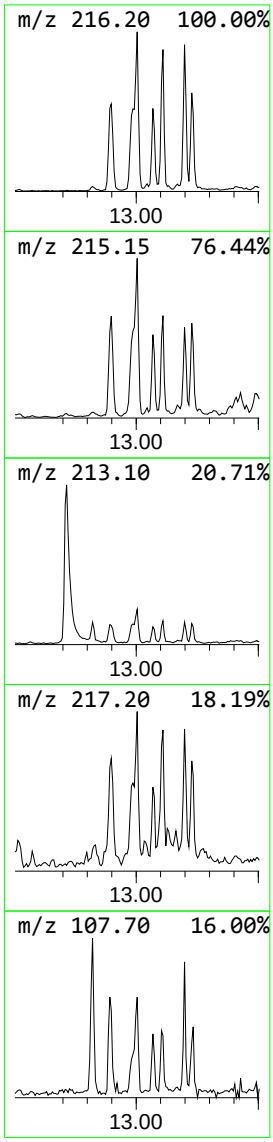
****

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	2.35 ng	321332	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

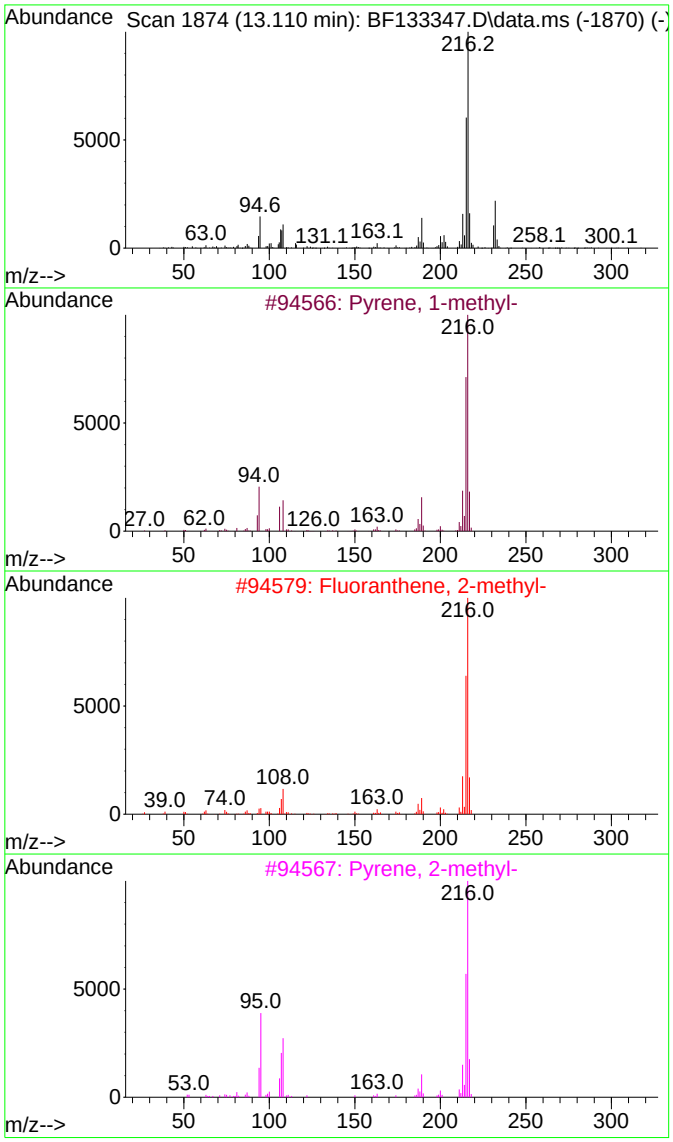
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

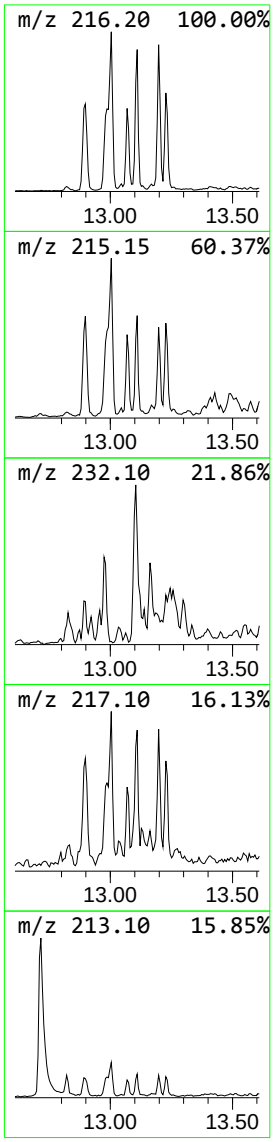
****

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.85 ng	389297	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

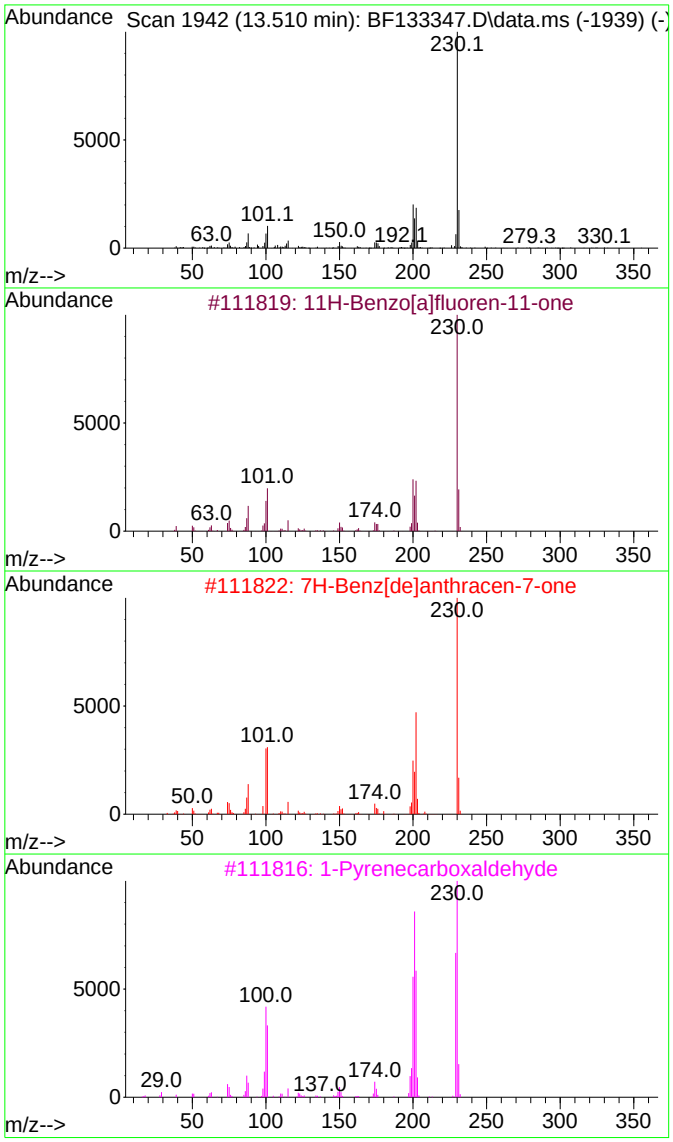
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

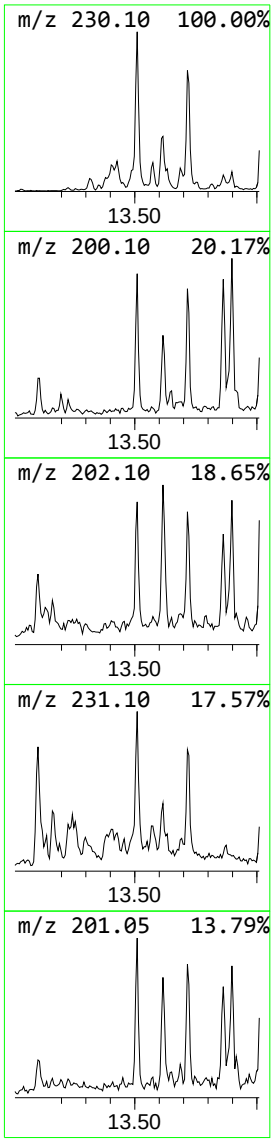
****

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.510	2.25 ng	307598	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
5	p-Terphenyl	230	C18H14	000092-94-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

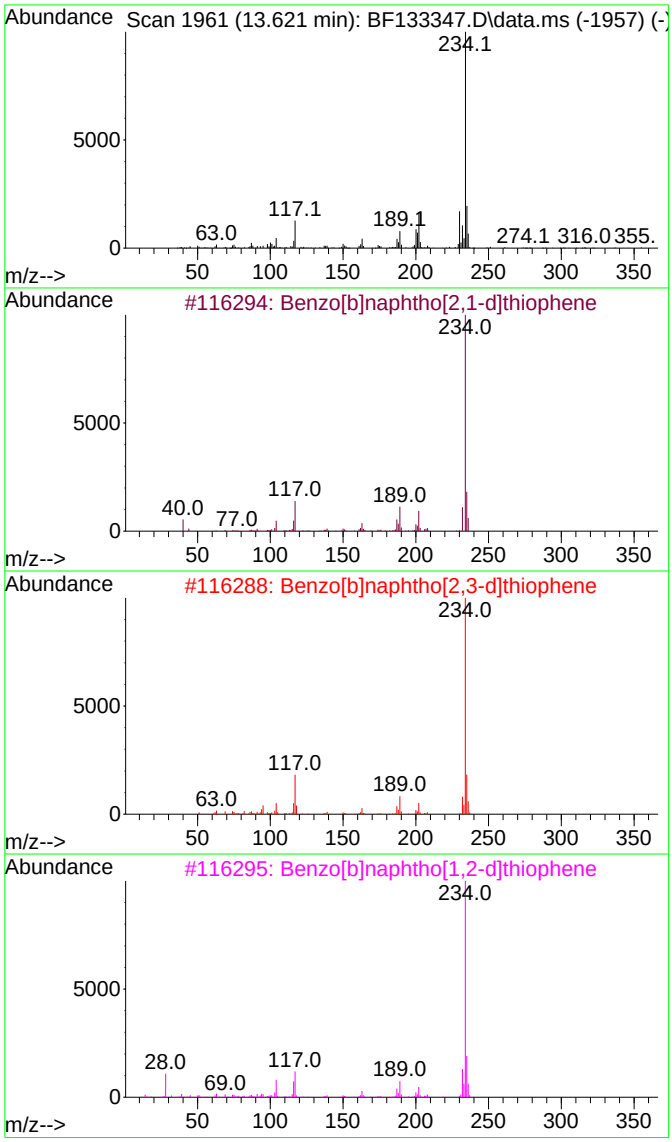
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

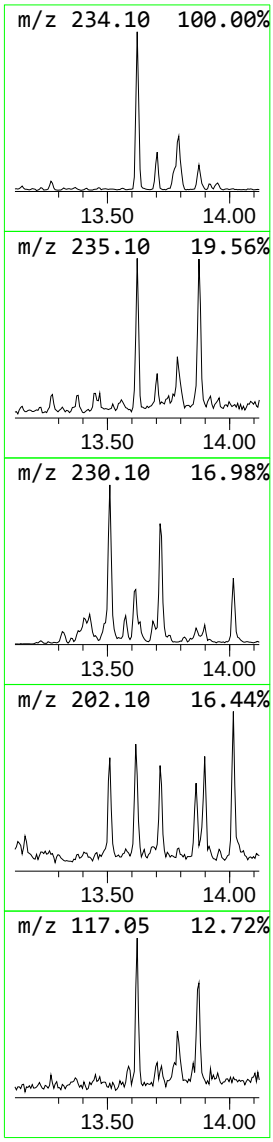
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	2.42 ng	330296	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64
5	Cyclohexene, 1,2-diphenyl-	234	C18H18	041317-87-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

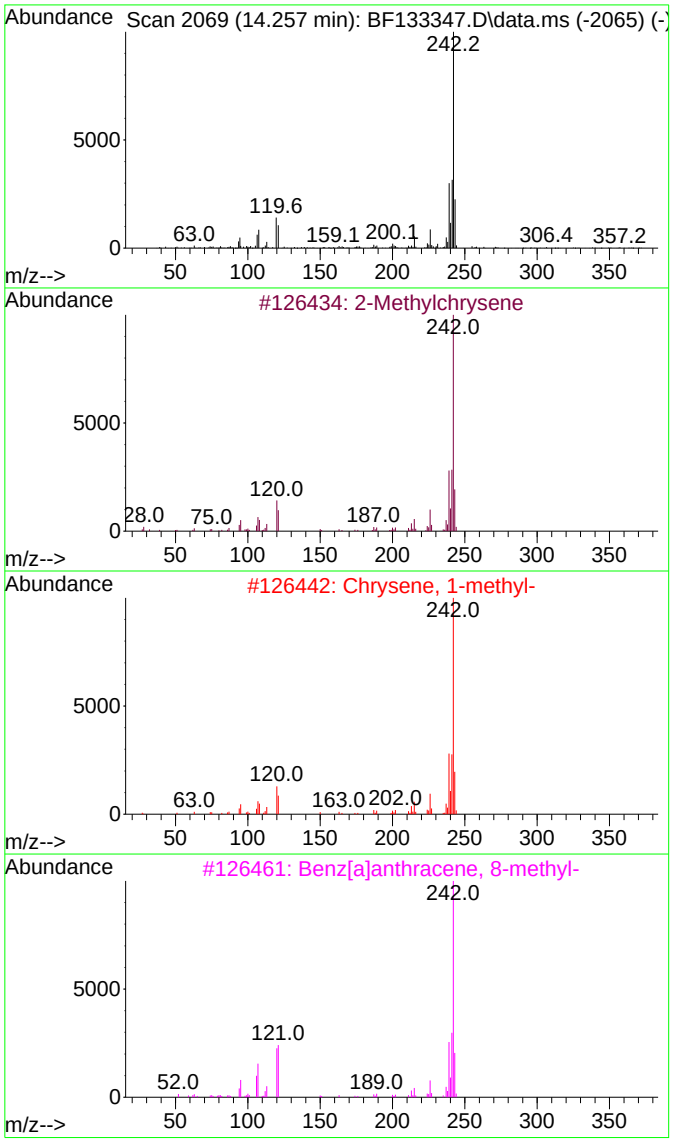
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

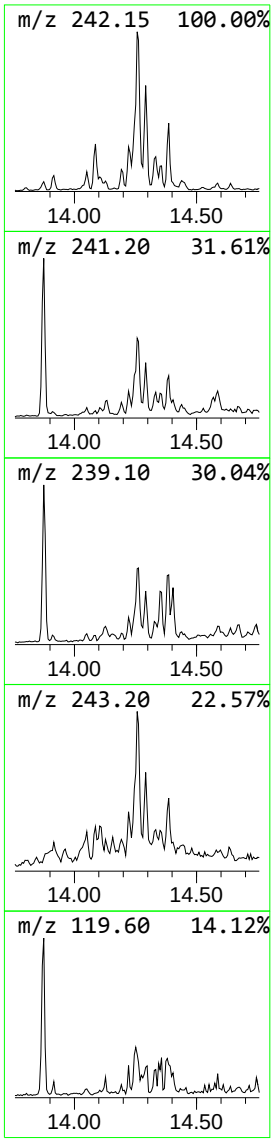
****

Peak Number 18 2-Methylchrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	3.56 ng	486792	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

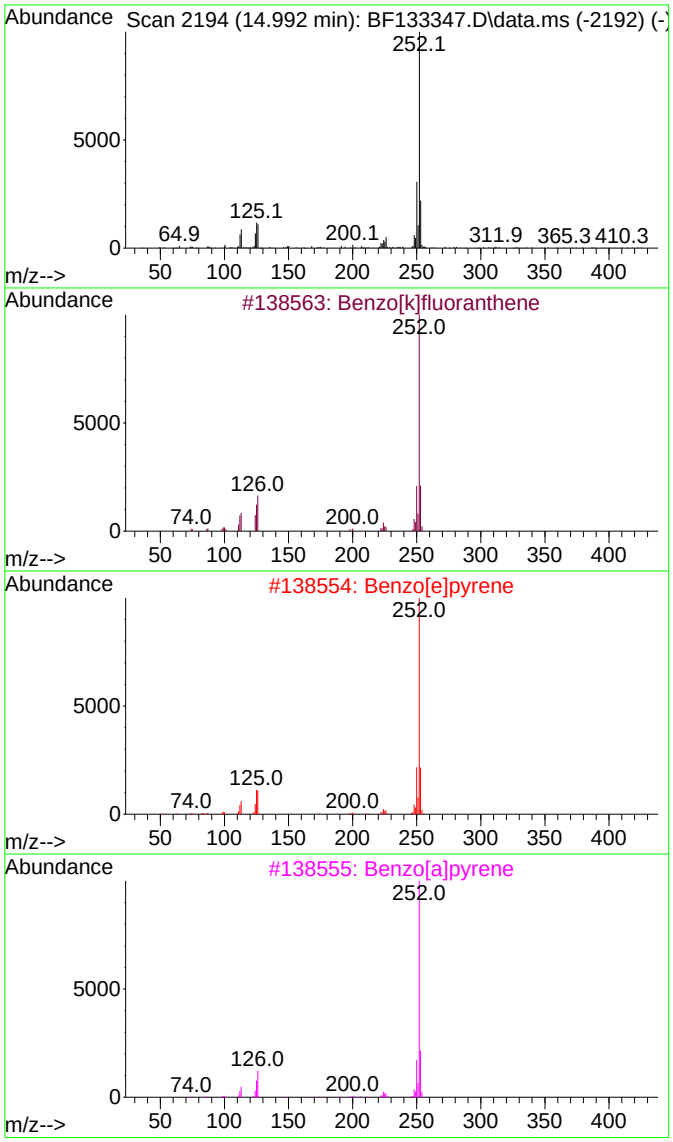
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

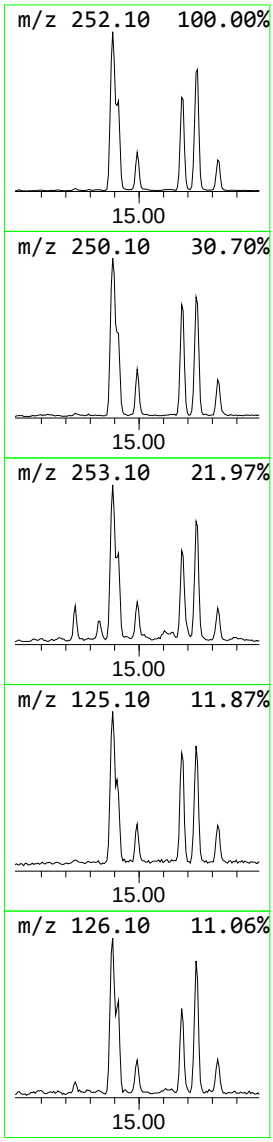
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	6.04 ng	260571	Perylene-d12	15.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

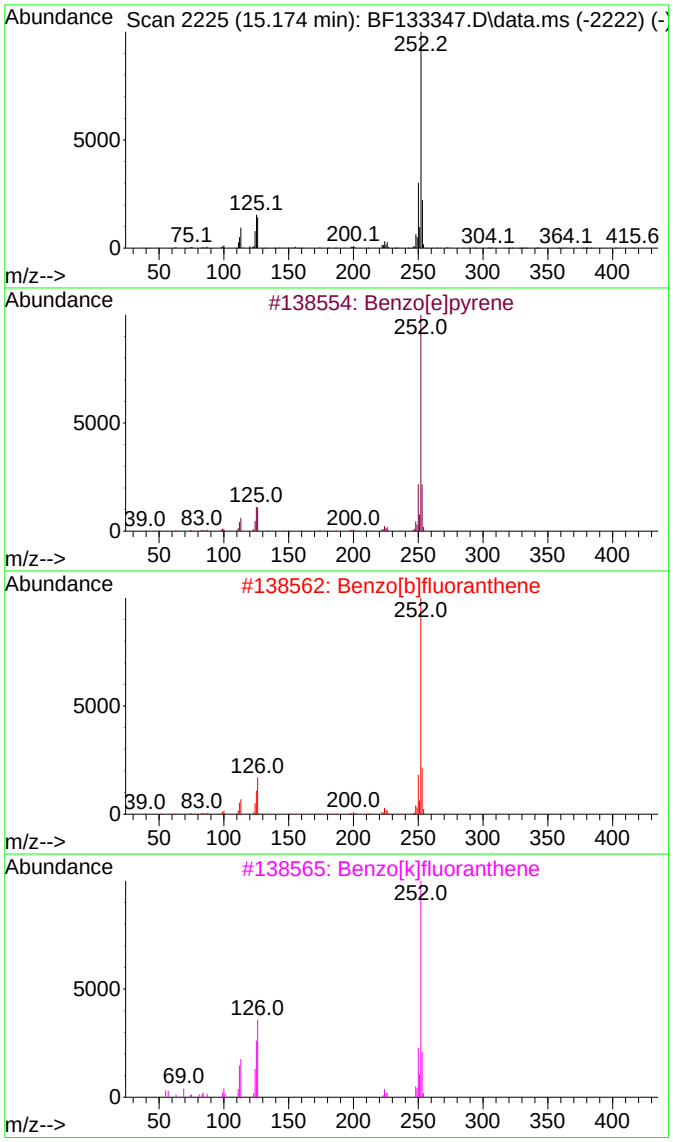
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

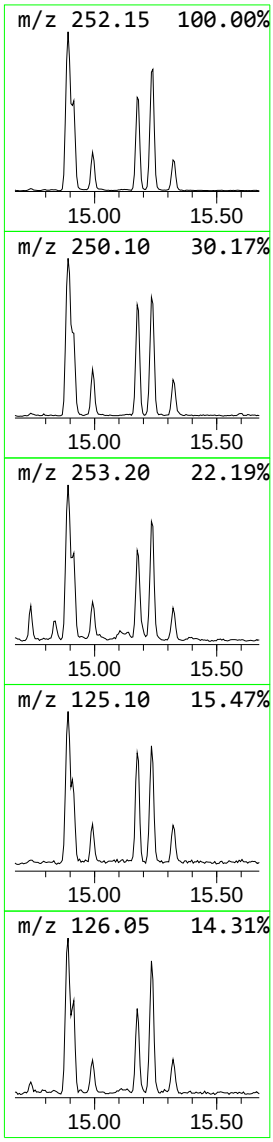
****

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	19.87 ng	857551	Perylene-d12	15.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133347.D
Acq On : 10 May 2023 23:46
Operator : CG\JU
Sample : 02691-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-06

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.898	26.7	ng	1645290	1	6.722	1231610	20.0
Benzophenone	10.463	8.7	ng	651512	3	9.751	1495890	20.0
Phenanthrene, 4...	11.739	2.9	ng	197437	4	11.233	1374360	20.0
n-Hexadecanoic ...	11.774	7.9	ng	544226	4	11.233	1374360	20.0
4H-Cyclopenta[d...	11.845	6.0	ng	409732	4	11.233	1374360	20.0
1H-Cyclopropa[l...	11.868	2.2	ng	148165	4	11.233	1374360	20.0
9,10-Dimethylan...	12.286	3.9	ng	267572	4	11.233	1374360	20.0
Phenanthrene, 3...	12.322	2.4	ng	165089	4	11.233	1374360	20.0
Cyclopenta(def)...	12.368	2.8	ng	189260	4	11.233	1374360	20.0
Benzene, 1,1'-(...	12.539	2.8	ng	189627	4	11.233	1374360	20.0
Octadecanoic acid	12.563	3.1	ng	427731	5	13.874	2731020	20.0
Pyrene, 1-methyl-	12.898	3.1	ng	426109	5	13.874	2731020	20.0
Fluoranthene, 2...	12.980	2.2	ng	303330	5	13.874	2731020	20.0
11H-Benzo[a]flu...	13.004	2.4	ng	321332	5	13.874	2731020	20.0
Pyrene, 2-methyl-	13.110	2.9	ng	389297	5	13.874	2731020	20.0
11H-Benzo[a]flu...	13.510	2.3	ng	307598	5	13.874	2731020	20.0
Benzo[b]naphtho...	13.621	2.4	ng	330296	5	13.874	2731020	20.0
2-Methylchrysene	14.257	3.6	ng	486792	5	13.874	2731020	20.0
Benzo[e]pyrene	14.992	6.0	ng	260571	6	15.298	862976	20.0
Perylene	15.174	19.9	ng	857551	6	15.298	862976	20.0