LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

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

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

Signal : TIC: BF135503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	488	491	496	rBV	35665	45769	1.53%	0.115%
2	5.381	557	560	584	rBV	2908695	2995908	100.00%	7.532%
3	6.398	729	733	748	rBV	3095497	2980093	99.47%	7.492%
4	6.587	762	765	774	rVB	73905	91035	3.04%	0.229%
5	6.745	789	792	799	rVB	937027	748242	24.98%	1.881%
6	7.310	884	888	891	rBV	2158138	1856125	61.96%	4.667%
7	8.022	1006	1009	1021	rBV	1060298	935223	31.22%	2.351%
8	8.739	1128	1131	1137	rVB	58164	52258	1.74%	0.131%
9	8.833	1143	1147	1154	rVB3	74517	75481	2.52%	0.190%
10	9.098	1188	1192	1196	rBV	3145624	2762880	92.22%	6.946%
11	9.222	1208	1213	1216	rVB	183688	180855	6.04%	0.455%
12	9.369	1234	1238	1242	rVB2	44116	58174	1.94%	0.146%
13	9.439	1246	1250	1252	rBV	74113	85774	2.86%	0.216%
14	9.463	1252	1254	1258	rVB	37978	32548	1.09%	0.082%
15	9.551	1263	1269	1274	rVV2	57362	71081	2.37%	0.179%
16	9.639	1281	1284	1287	rVB	88099	69155	2.31%	0.174%
17	9.780	1300	1308	1311	rBV	909835	868357	28.98%	2.183%
18	9.810	1311	1313	1318	rVB	353438	268811	8.97%	0.676%
19	9.933	1330	1334	1339	rBV2	26690	30428	1.02%	0.077%
20	9.986	1339	1343	1346	rBV	156908	147523	4.92%	0.371%
21	10.327	1398	1401	1407	rBV2	270563	234115	7.81%	0.589%
22	10.392	1407	1412	1414	rBV	35570	46231	1.54%	0.116%
23	10.486	1426	1428	1431	rVB	70507	55651	1.86%	0.140%
24	10.574	1439	1443	1446	rBV	1594170	1528260	51.01%	3.842%
25	10.610	1447	1449	1453	rVB2	32784	37205	1.24%	0.094%
26	10.704	1459	1465	1469	rBV4	50713	73961	2.47%	0.186%
27	10.880	1488	1495	1498	rBV5	54225	91982	3.07%	0.231%
28	11.027	1518	1520	1526	rVB2	34985	36922	1.23%	0.093%
29	11.080	1526	1529	1533	rBV2	149054	152811	5.10%	0.384%
30	11.122	1533	1536	1540	rVV3	38338	57240	1.91%	0.144%
31	11.169	1541	1544	1549	rVB	93004	92333	3.08%	0.232%
32	11.222	1550	1553	1557	rBV3	45155	55154	1.84%	0.139%
33	11.269	1558	1561	1563	rBV	906766	795324	26.55%	2.000%
34	11.292	1563	1565	1569	rVV	1154823	1022347	34.12%	2.570%
35	11.345	1571	1574	1578	rVV	512848	416307	13.90%	1.047%
36	11.386	1578	1581	1586	rVB2	58129	62673	2.09%	0.158%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

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

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

37	11.510	1596	1602	1609	rBV2	205278	265073	8.85%	0.666%
38	11.569	1609	1612	1616	rVV3	46642	59236	1.98%	0.149%
39	11.616	1616	1620	1623	rVB2	34625	48666	1.62%	0.122%
40	11.733	1637	1640	1643	rBV3	40179	47362	1.58%	0.119%
41	11.774	1643	1647	1649	rVV	198947	187008	6.24%	0.470%
42	11.804	1649	1652	1657	rVV	834697	873204	29.15%	2.195%
43	11.851	1657	1660	1663	rVV	125326	123659	4.13%	0.311%
44	11.886	1663	1666	1668	rVV	323226	313438	10.46%	0.788%
45	11.910	1668	1670	1676	rVB	120173	100157	3.34%	0.252%
46	11.963	1676	1679	1680	rBV	41113	39582	1.32%	0.100%
47	12.069	1695	1697	1700	rBV	163428	143575	4.79%	0.361%
48	12.104	1700	1703	1707	rVB	383332	302614	10.10%	0.761%
49	12.221	1720	1723	1726	rBV3	34414	40217	1.34%	0.101%
50	12.251	1726	1728	1731	rVB	47465	33471	1.12%	0.084%
51	12.280	1731	1733	1735	rVB	44060	32460	1.08%	0.082%
52	12.327	1738	1741	1744	rBV	120587	121819	4.07%	0.306%
53	12.363	1744	1747	1753	rVB4	92904	158506	5.29%	0.399%
54	12.421	1753	1757	1761	rBV	251431	253973	8.48%	0.639%
55	12.492	1763	1769	1772	rBV	2706261	2555142	85.29%	6.424%
56	12.533	1772	1776	1778	rVV4	102824	167527	5.59%	0.421%
57	12.557	1778	1780	1782	rVV	94870	90594	3.02%	0.228%
58	12.592	1783	1786	1790	rVV2	252732	301538	10.06%	0.758%
59	12.639	1791	1794	1798	rVV2	146664	201005	6.71%	0.505%
60	12.721	1802	1808	1811	rVV2	1984735	2171364	72.48%	5.459%
61	12.768	1814	1816	1820	rVB2	115401	120654	4.03%	0.303%
62	12.863	1829	1832	1835	rVB	2273895	2102364	70.17%	5.286%
63	12.939	1841	1845	1849	rBV2	160940	253671	8.47%	0.638%
64	13.051	1857	1864	1867	rVB2	290652	450407	15.03%	1.132%
65	13.098	1868	1872	1873	rBV2	54412	76366	2.55%	0.192%
66	13.116	1873	1875	1878	rVB	172601	142236	4.75%	0.358%
67	13.157	1878	1882	1884	rBV2	185213	206778	6.90%	0.520%
68	13.210	1889	1891	1894	rBV	51254	49143	1.64%	0.124%
69	13.251	1895	1898	1900	rBV	104123	93347	3.12%	0.235%
70	13.280	1900	1903	1907	rBV3	102418	126044	4.21%	0.317%
71	13.568	1949	1952	1955	rBV	310260	277767	9.27%	0.698%
72	13.674	1967	1970	1972	rBV	222407	186335	6.22%	0.468%
73	13.698	1972	1974	1977	rVV	154055	132195	4.41%	0.332%
74	13.727	1977	1979	1980	rBV	96159	68674	2.29%	0.173%
75	13.780	1985	1988	1995	rVB2	425777	562122	18.76%	1.413%
76	13.927	2006	2013	2016	rBV3	1028638	1903924	63.55%	4.787%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

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

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

77	13.951	2016	2017	2021	rVB	768289	625565	20.88%	1.573%
78	14.057	2033	2035	2037	rBV3	70904	57954	1.93%	0.146%
79	14.280	2071	2073	2075	rBV2	78458	73441	2.45%	0.185%
80	14.557	2117	2120	2124	rBV	392446	401309	13.40%	1.009%
81	14.968	2186	2190	2193	rBV	439401	670968	22.40%	1.687%
82	15.074	2205	2208	2214	rBV3	137951	222526	7.43%	0.559%
83	15.262	2237	2240	2247	rVB	234569	295004	9.85%	0.742%
84	15.327	2248	2251	2256	rVB	266550	313262	10.46%	0.788%
85	15.386	2258	2261	2265	rBV	388613	486321	16.23%	1.223%
86	17.862	2674	2682	2692	rVB	802335	2130859	71.13%	5.357%

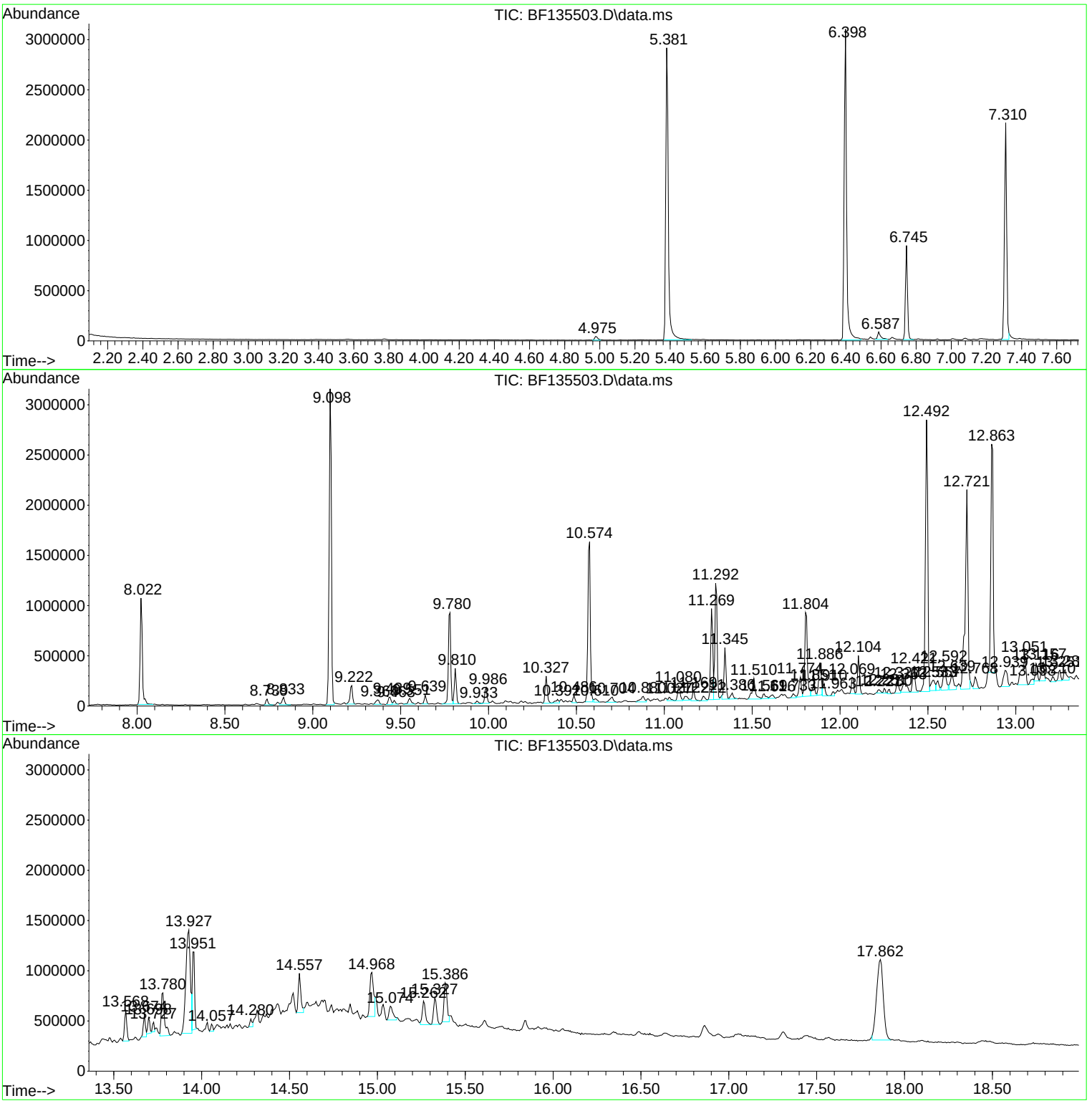
Sum of corrected areas: 39774662

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

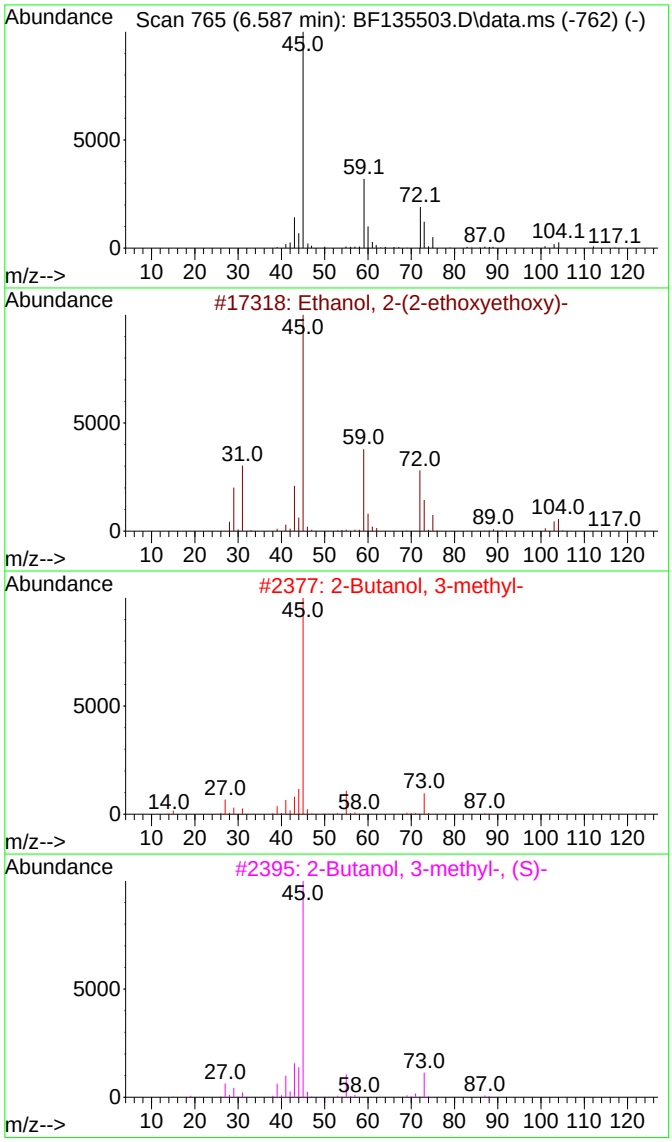
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

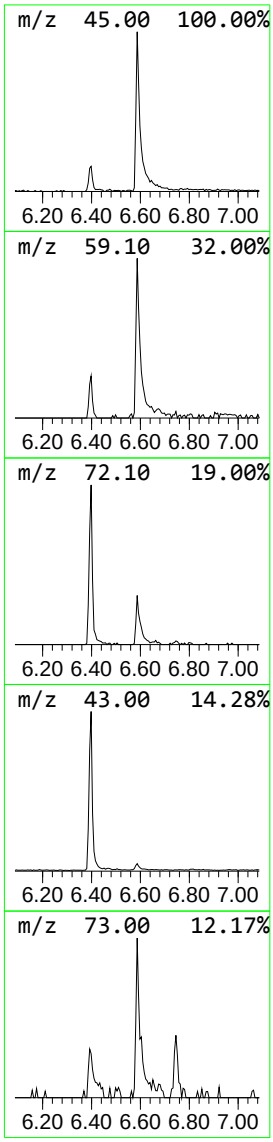
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.587	2.43 ng	91035	1,4-Dichlorobenzene-d4	6.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	47
4	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	42
5	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

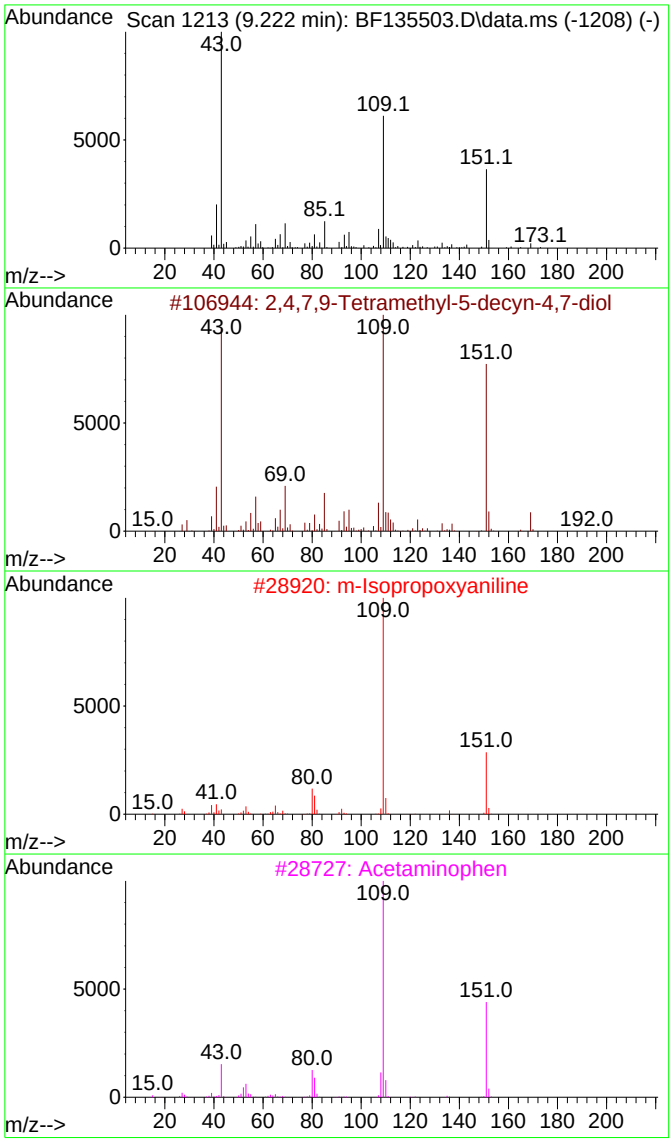
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

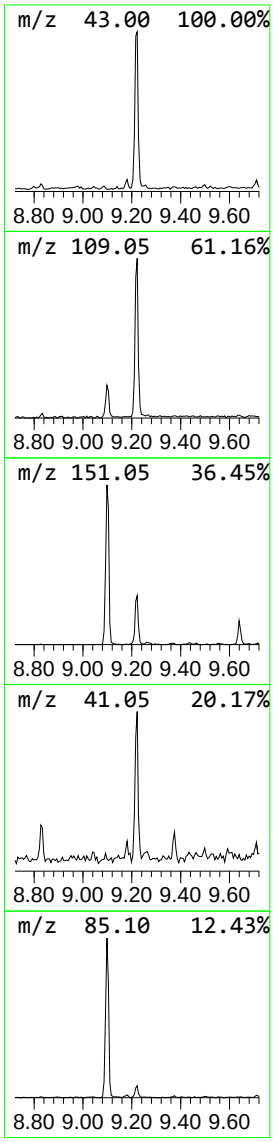
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.222	4.17 ng	180855	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
3	Acetaminophen	151	C8H9NO2	000103-90-2	50
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

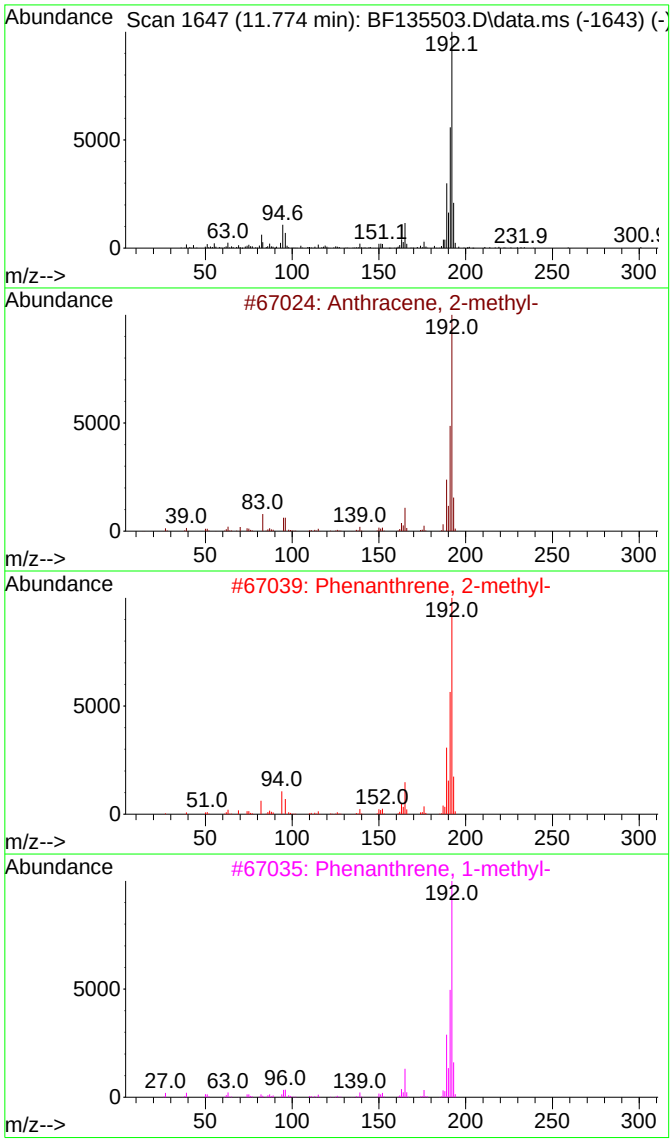
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

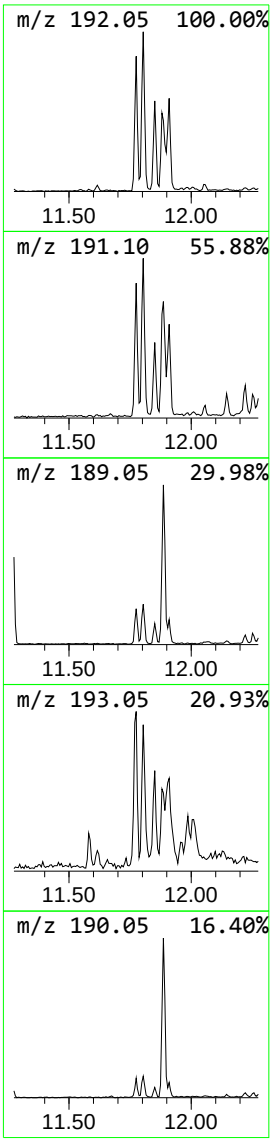
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	4.70 ng	187008	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

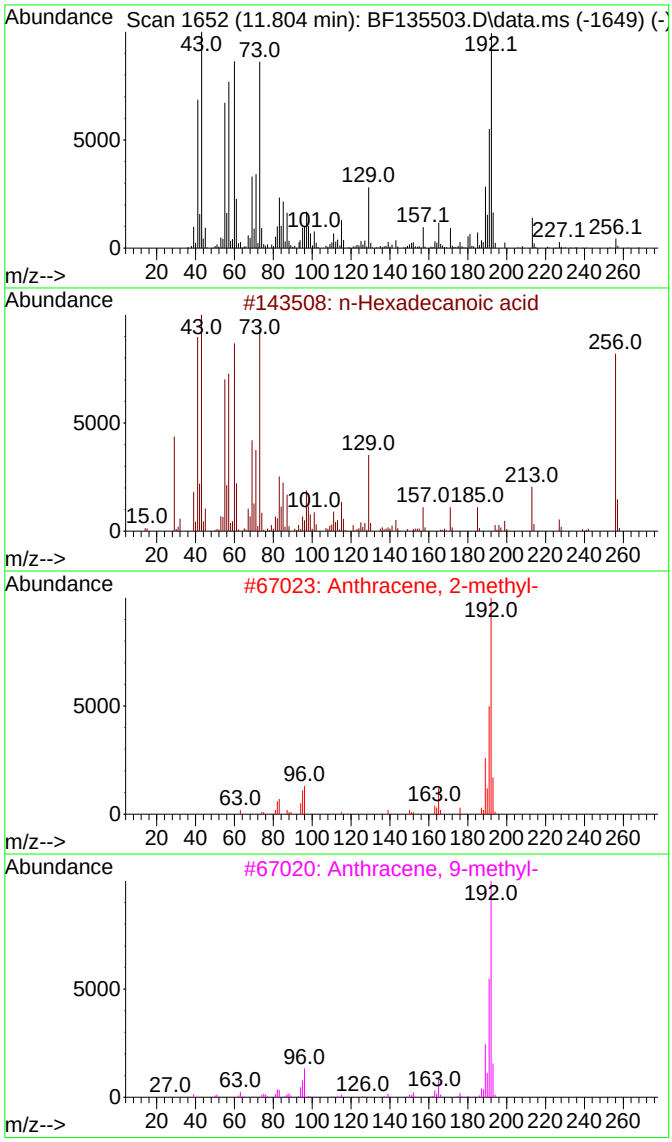
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

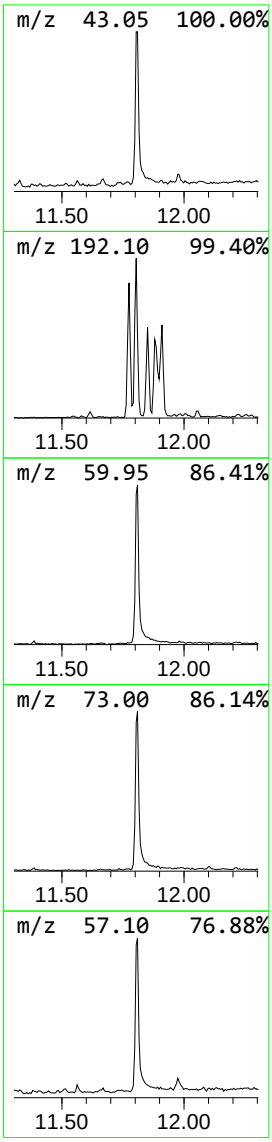
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	21.96 ng	873204	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

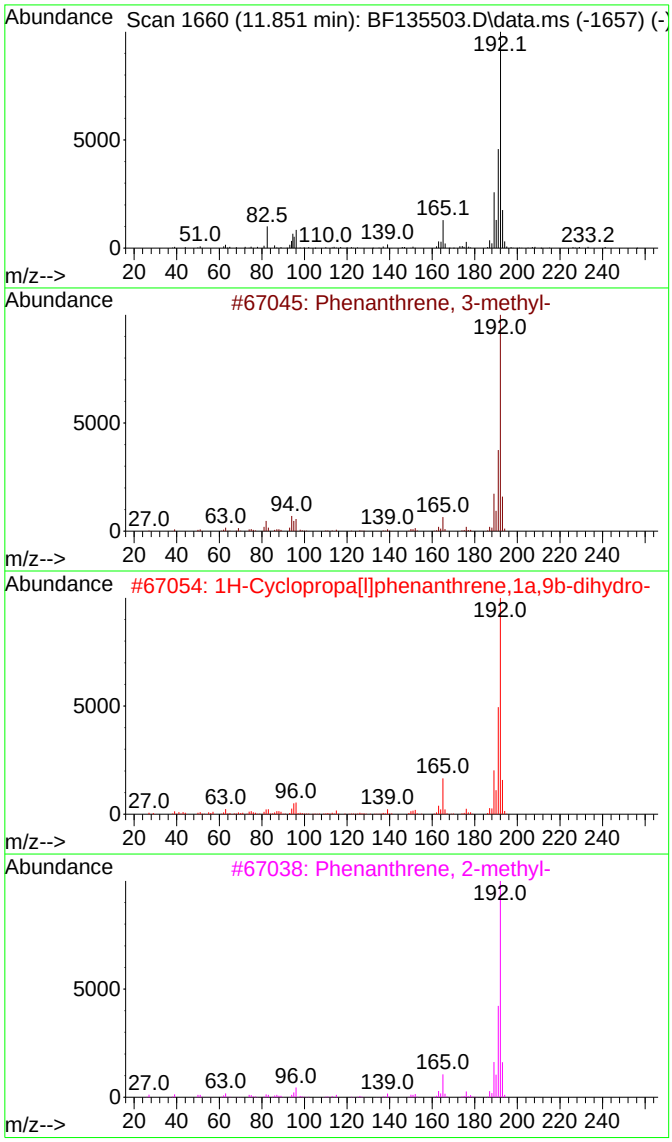
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

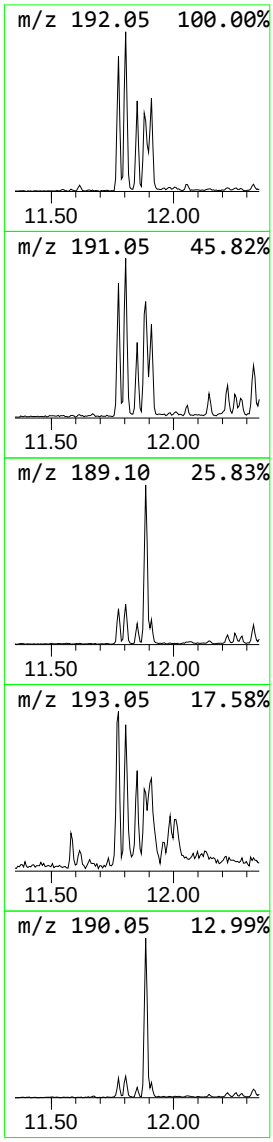
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.11 ng	123659	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

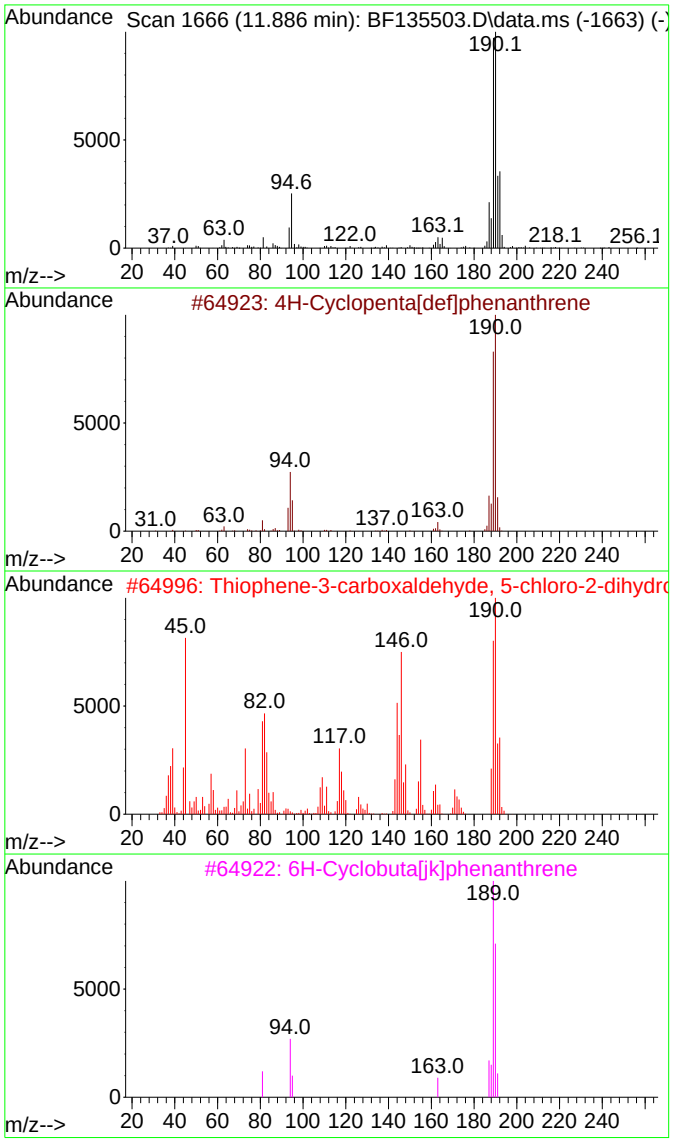
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

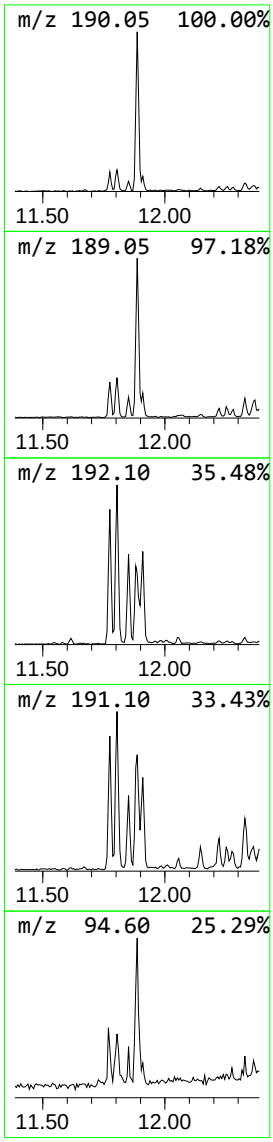
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	7.88 ng	313438	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

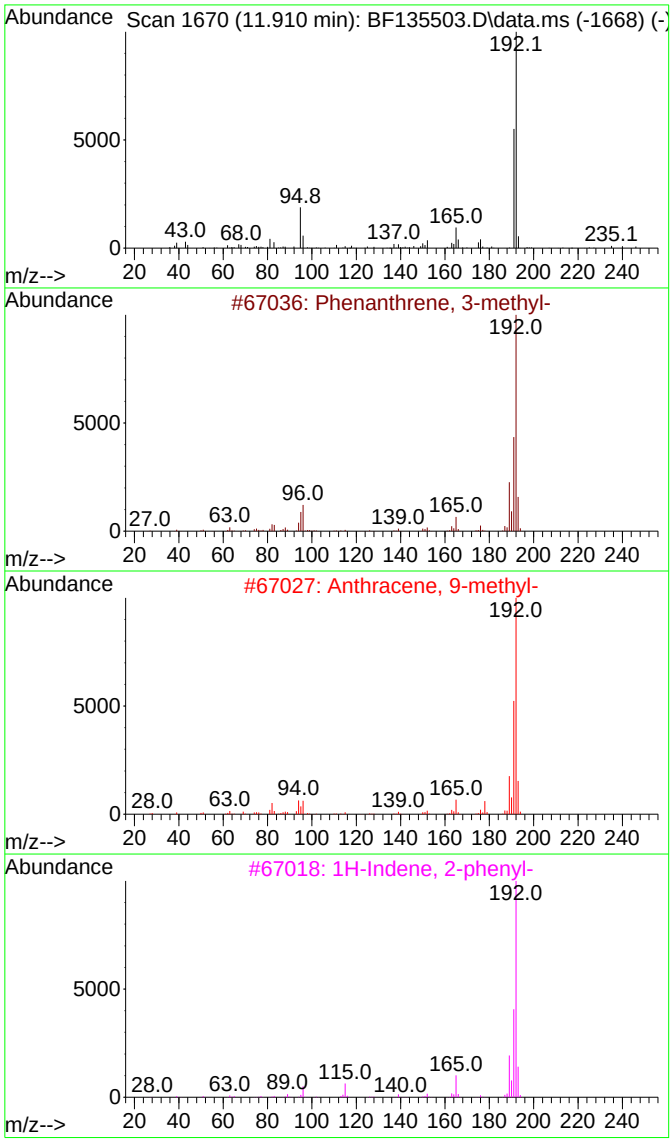
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

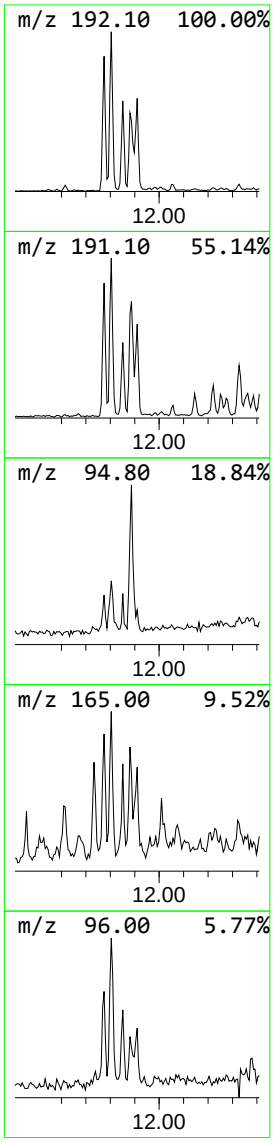
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.52 ng	100157	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

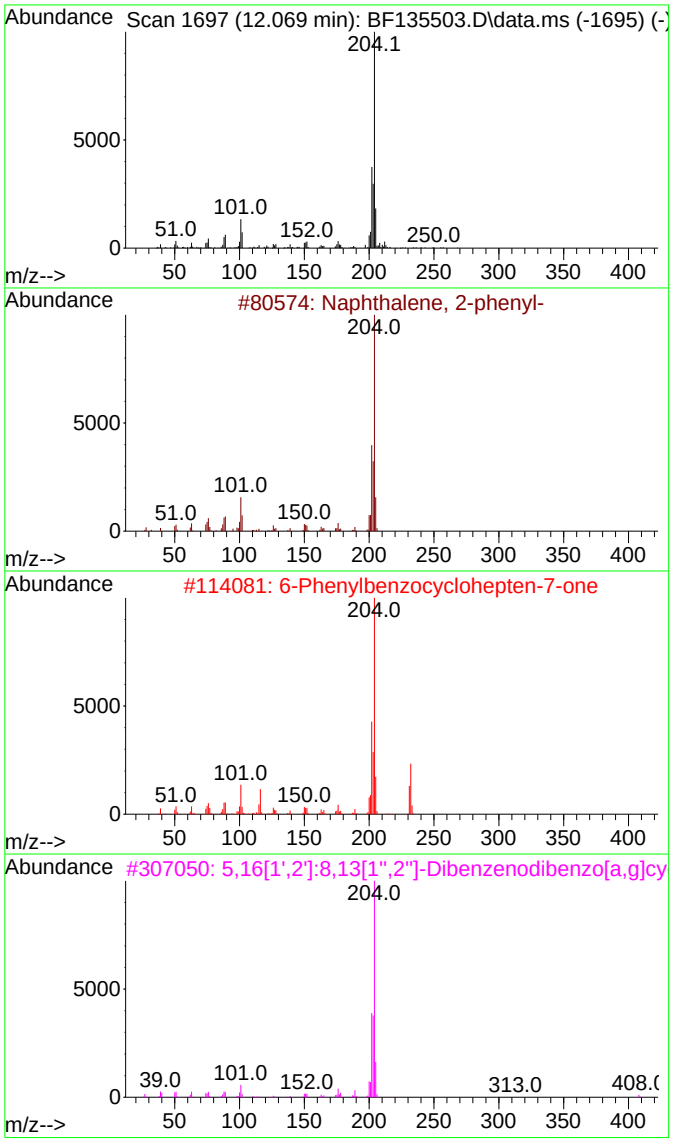
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

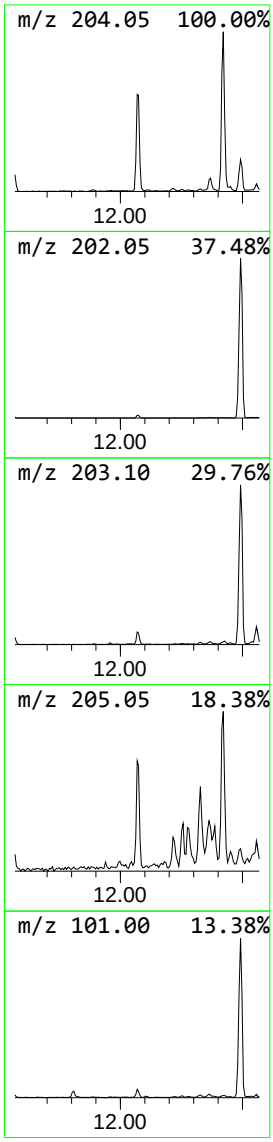
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	3.61 ng	143575	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

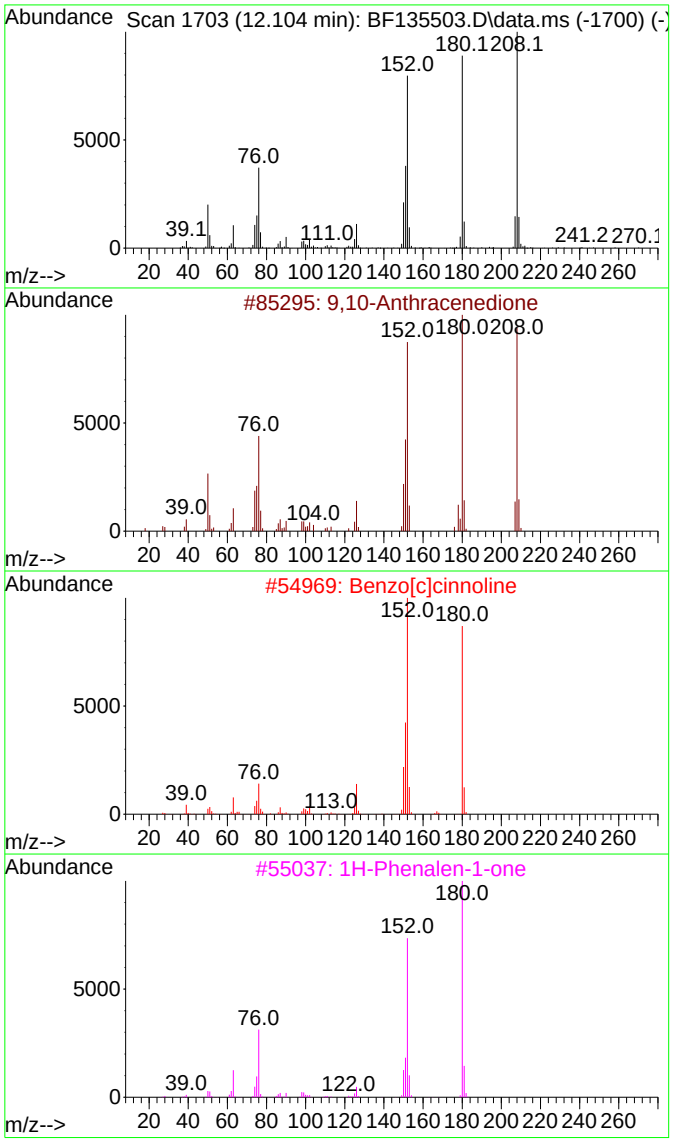
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

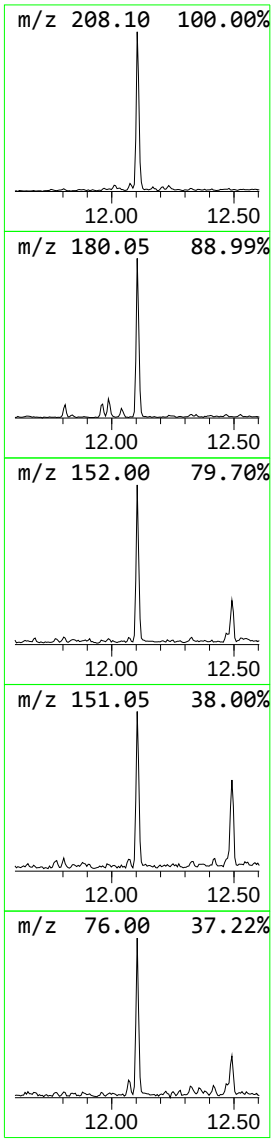
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	7.61 ng	302614	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

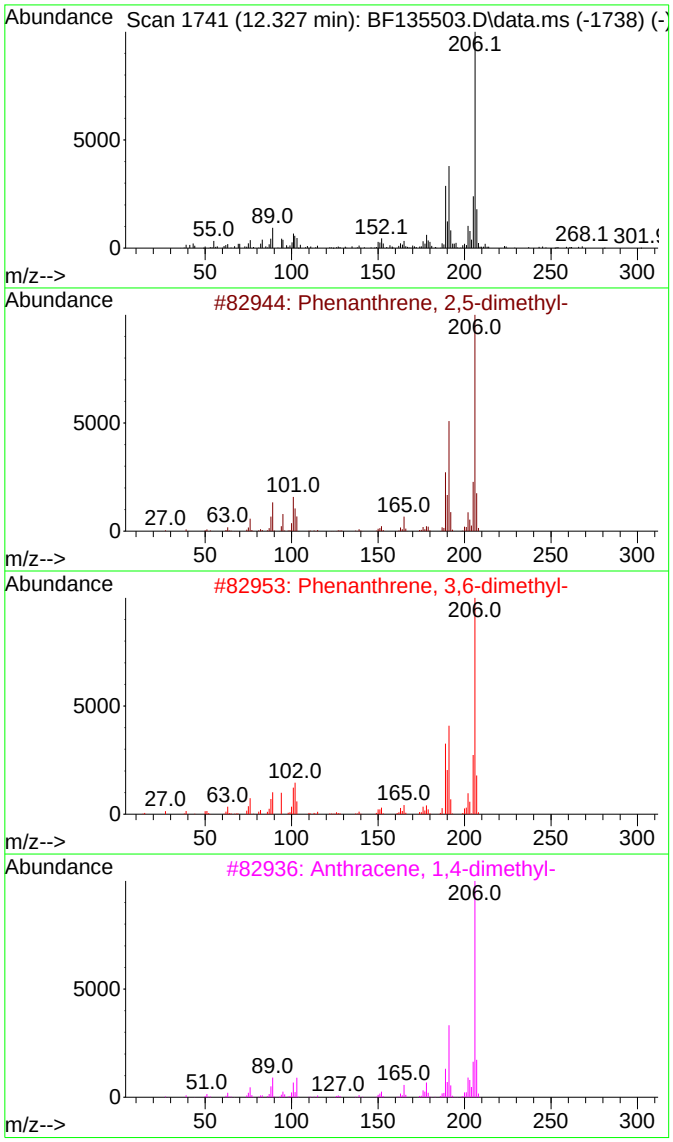
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

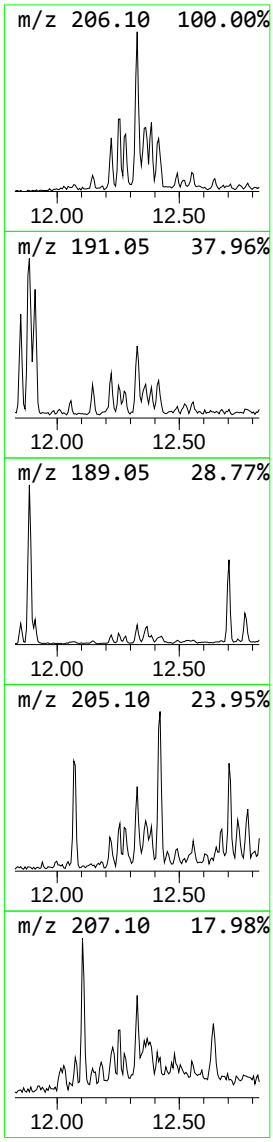
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	3.06 ng	121819	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

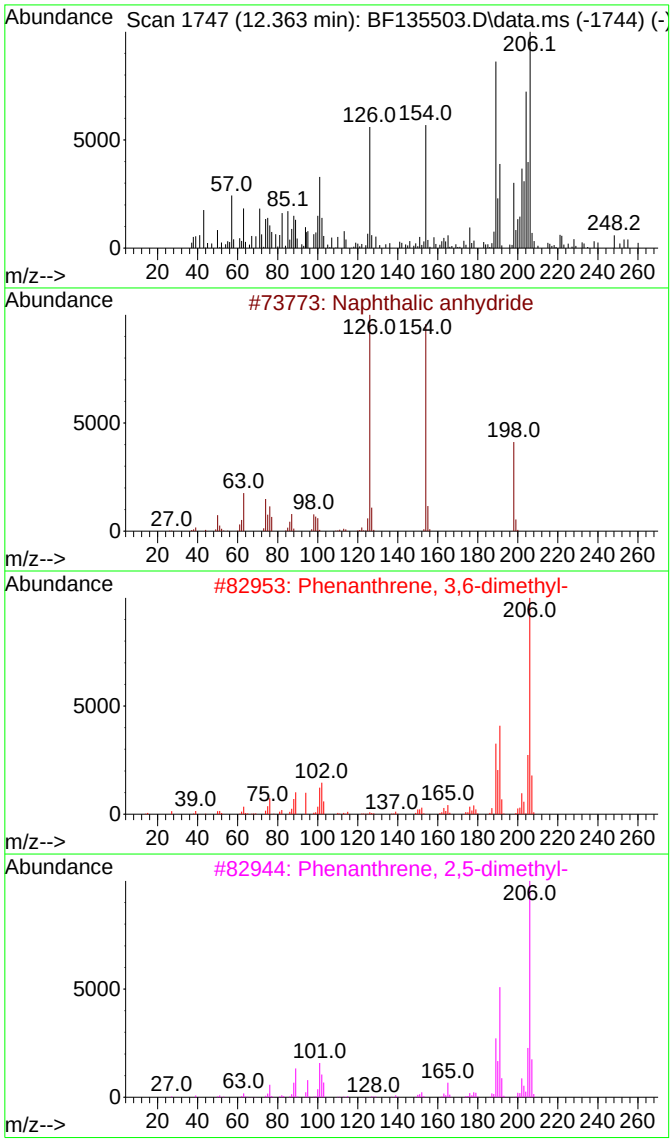
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

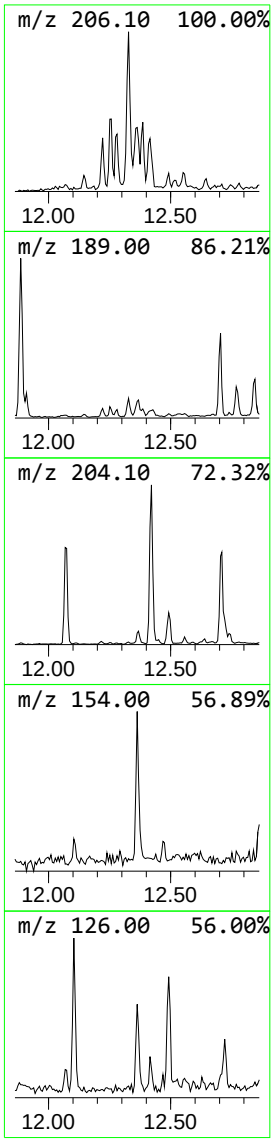
****

Peak Number 11 unknown12.363 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.99 ng	158506	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	46
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	25
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	25
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

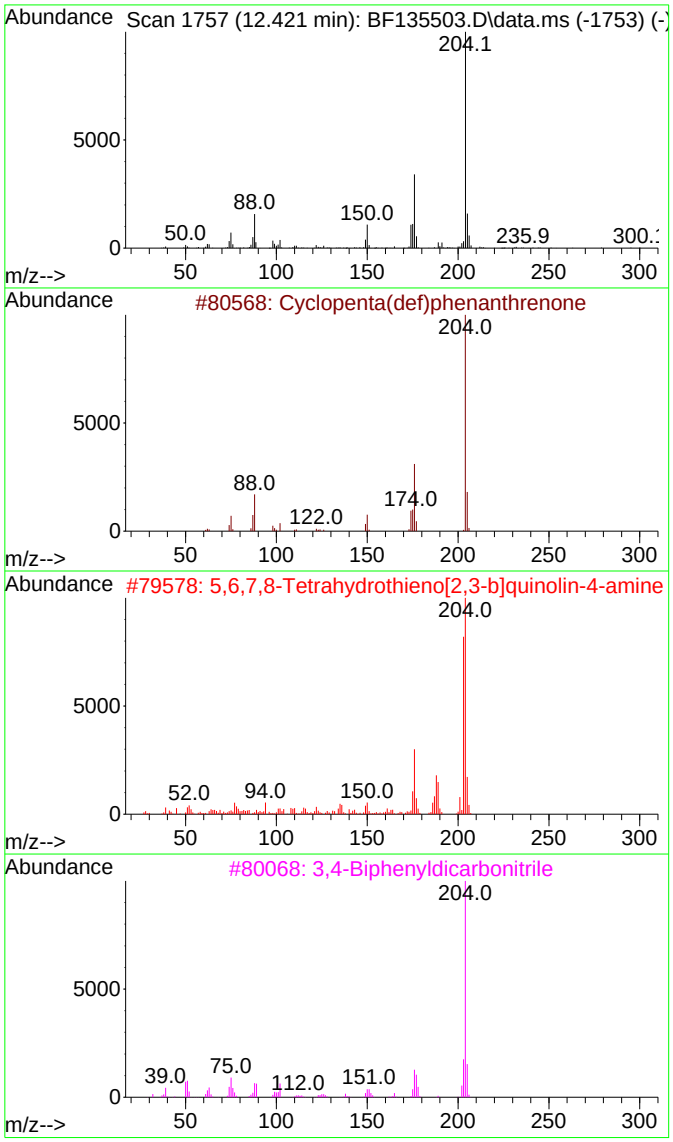
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

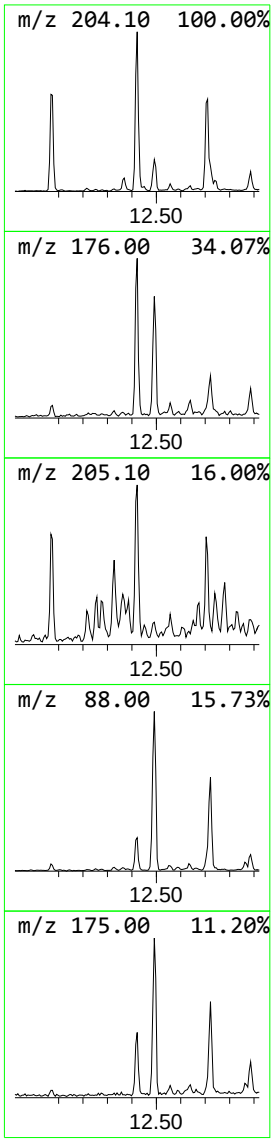
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	6.39 ng	253973	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
4	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	59
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

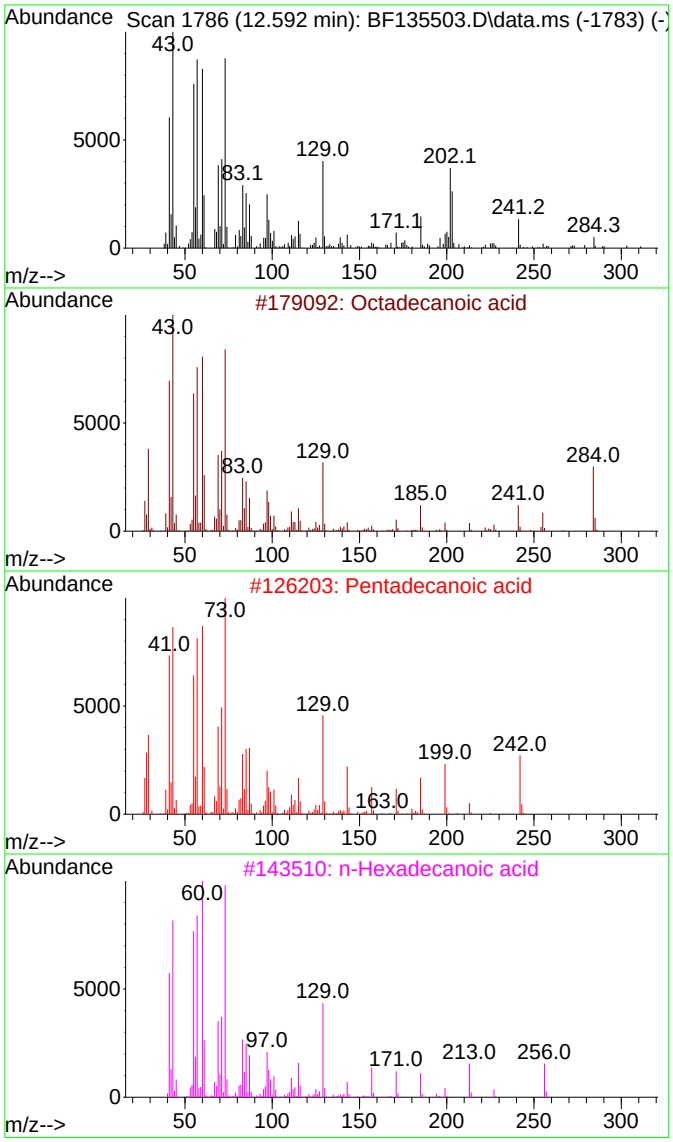
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

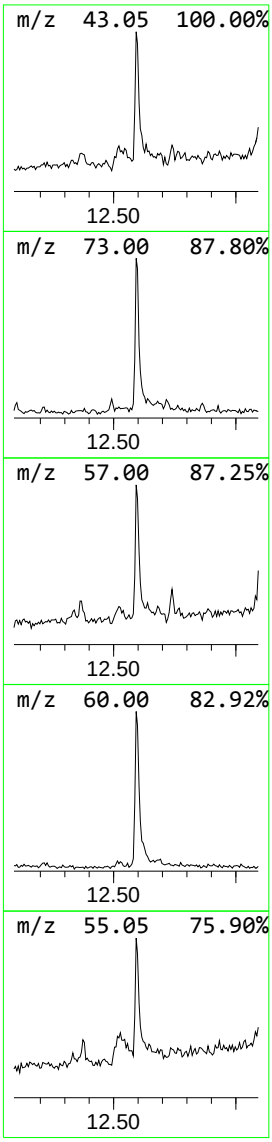
****

Peak Number 13 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	7.58 ng	301538	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

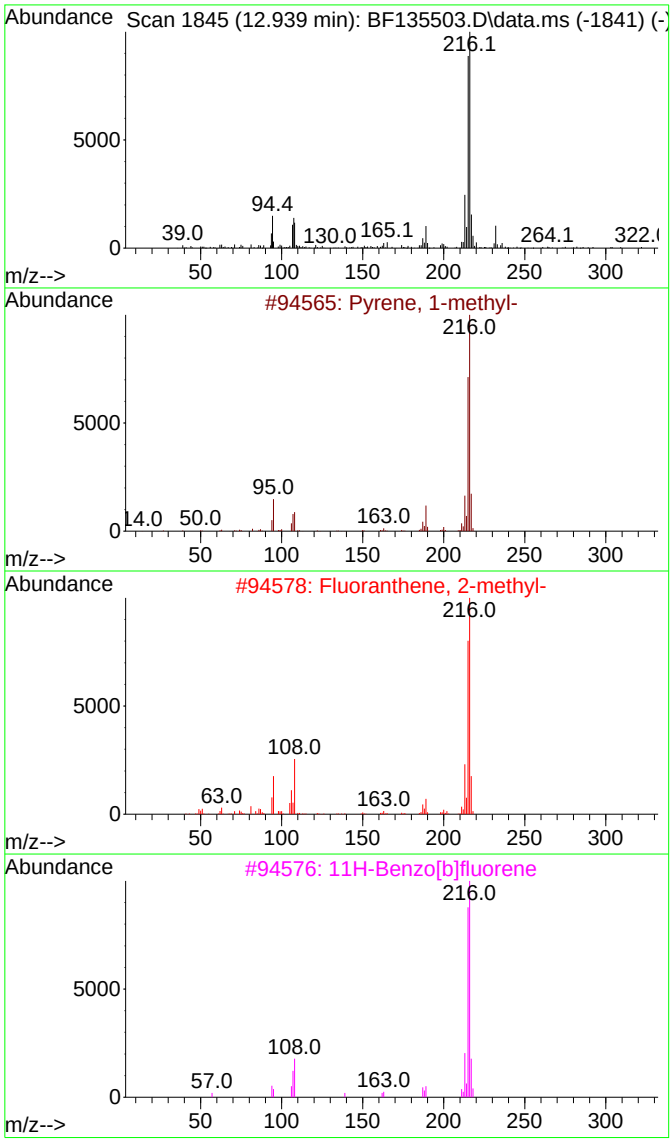
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

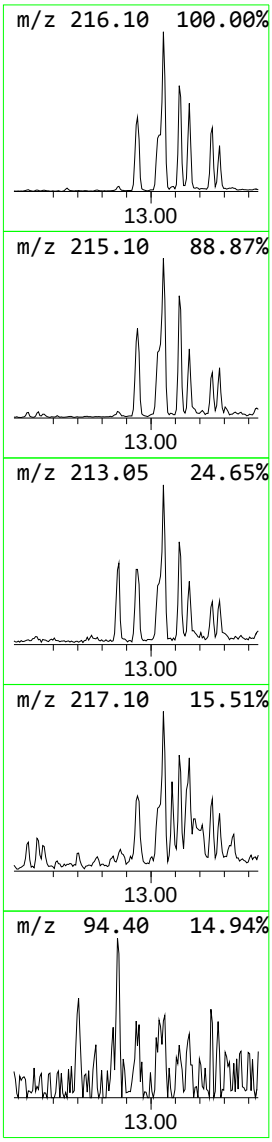
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	2.66 ng	253671	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

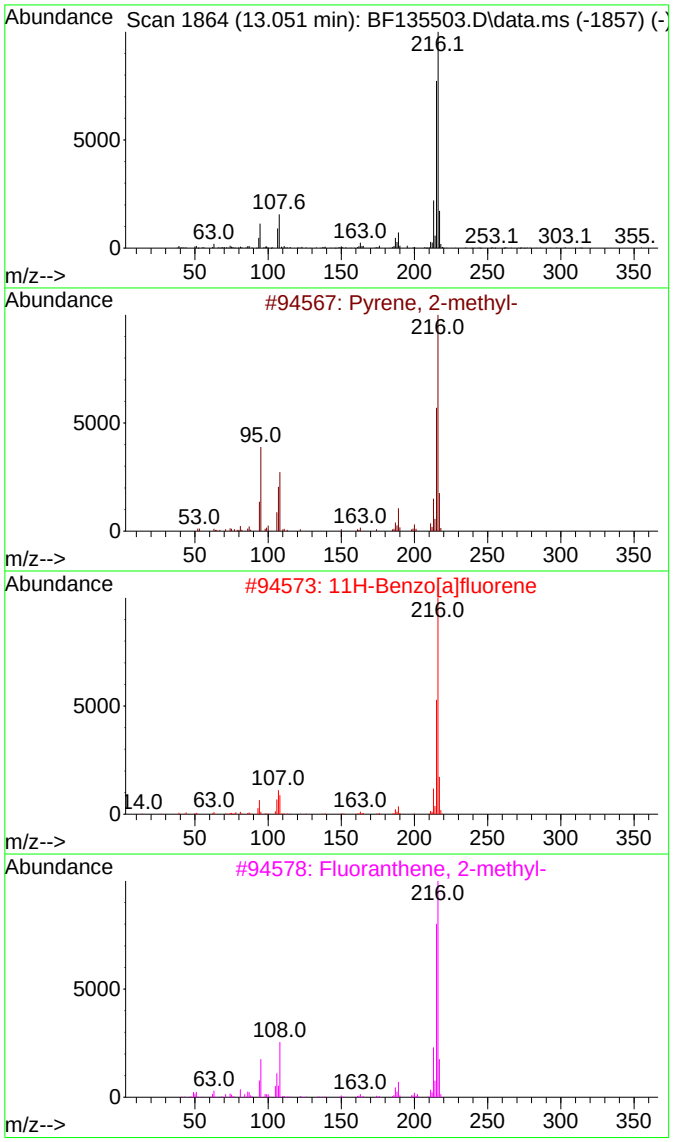
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

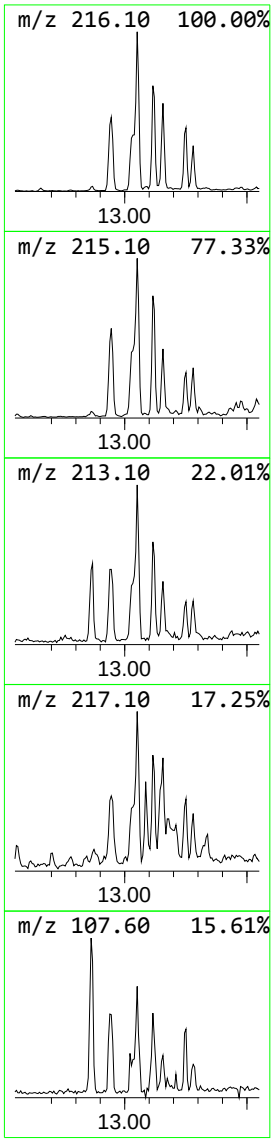
****

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	4.73 ng	450407	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

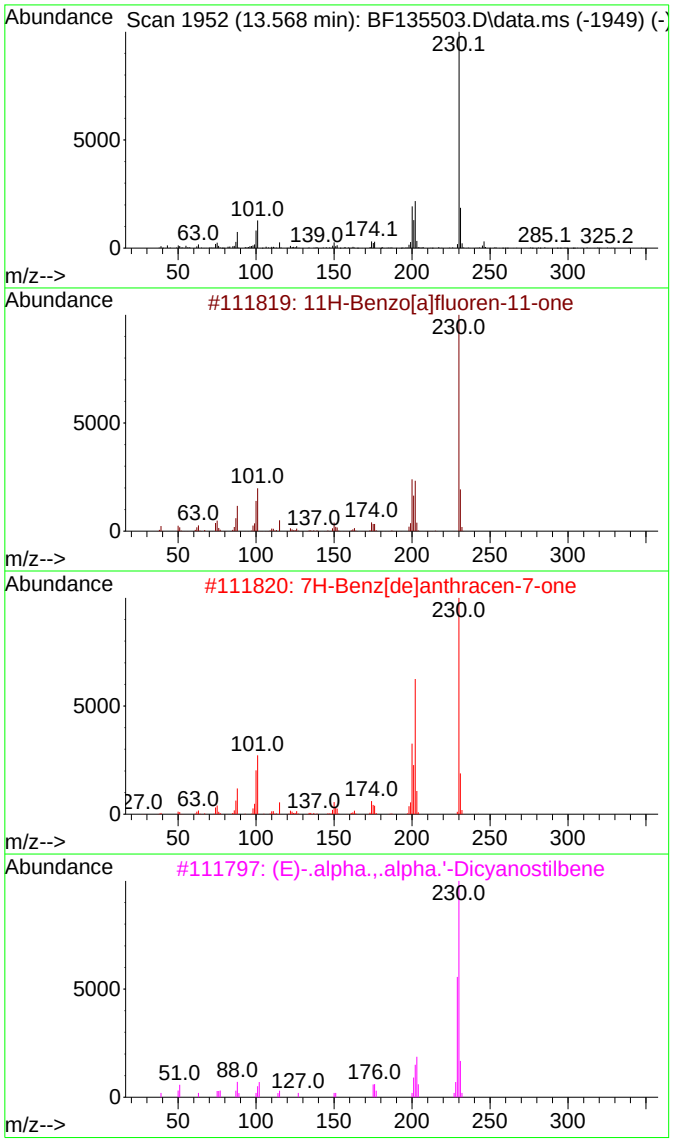
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

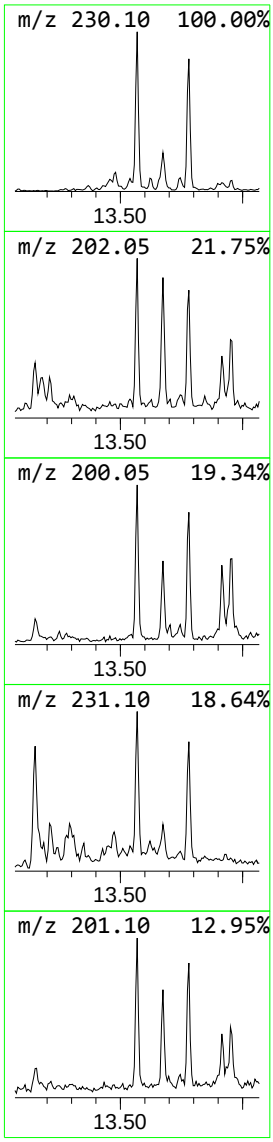
****

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.568	2.92 ng	277767	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	64
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

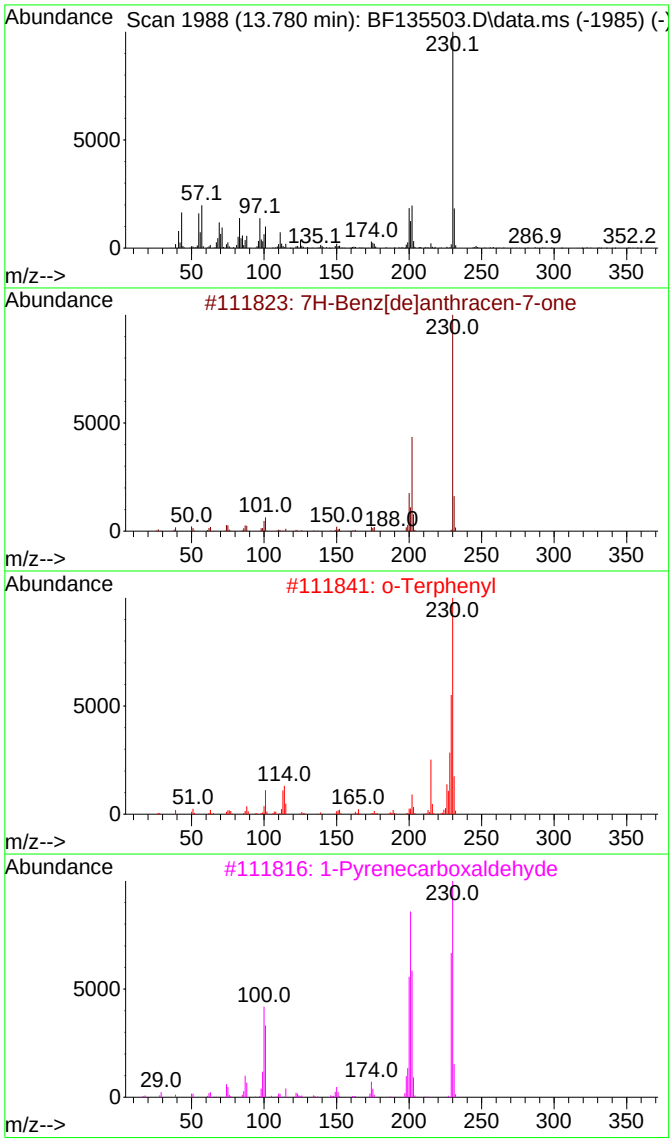
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

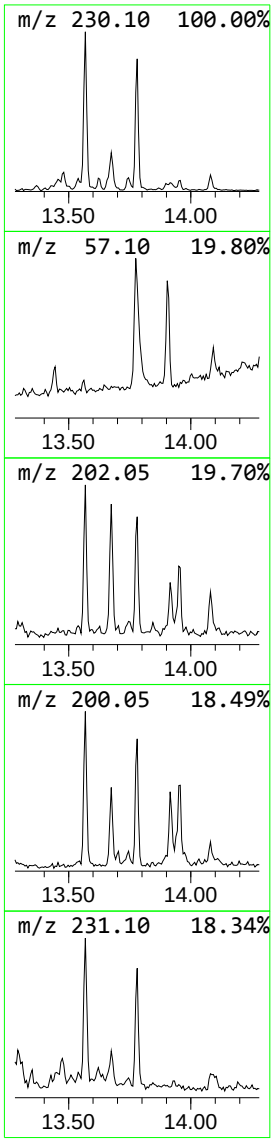
****

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	5.90 ng	562122	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	o-Terphenyl	230	C18H14	000084-15-1	58
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56
5	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

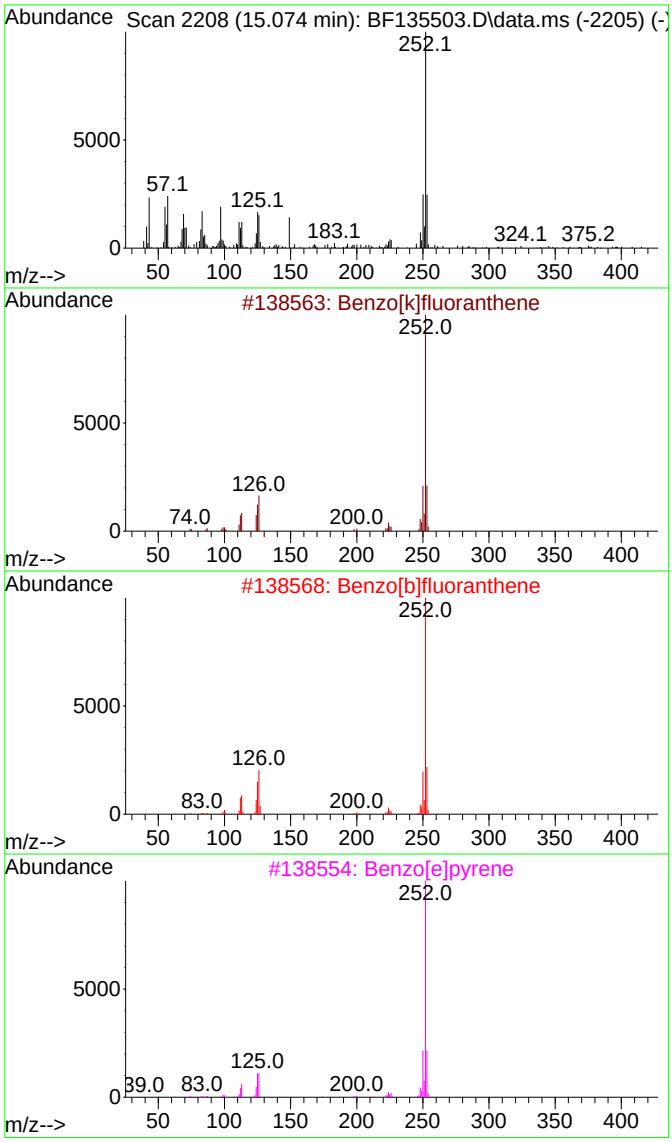
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

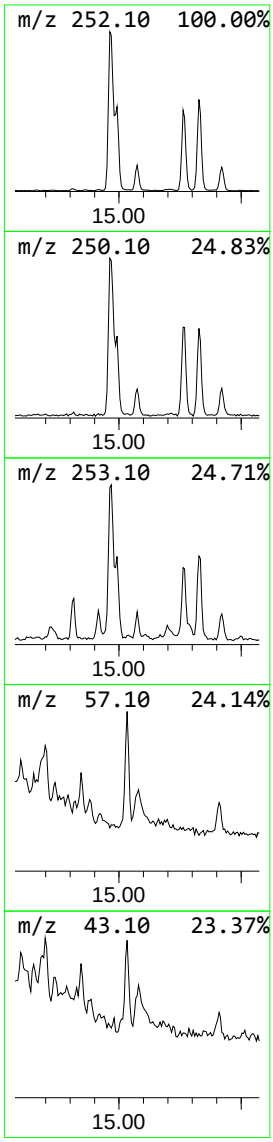
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	9.15 ng	222526	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
3	Benzo[e]pyrene	252	C20H12	000192-97-2	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Perylene	252	C20H12	000198-55-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

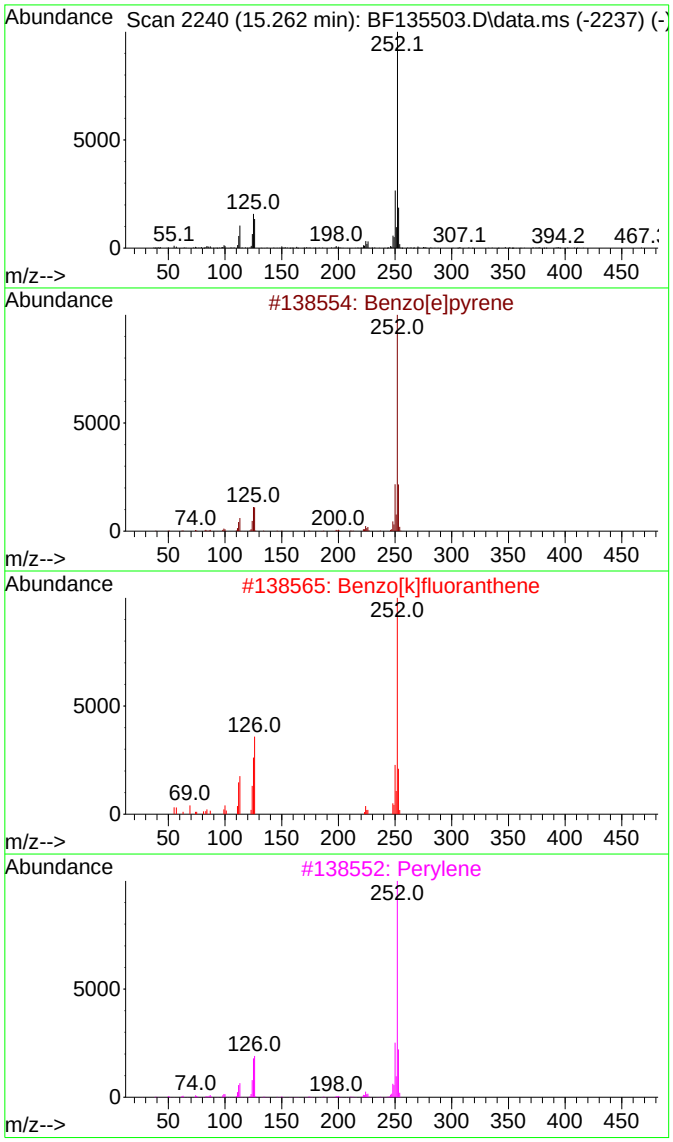
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

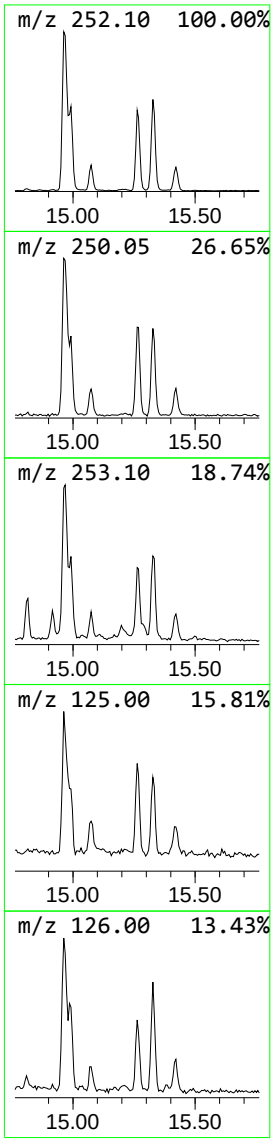
****

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.262	12.13 ng	295004	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

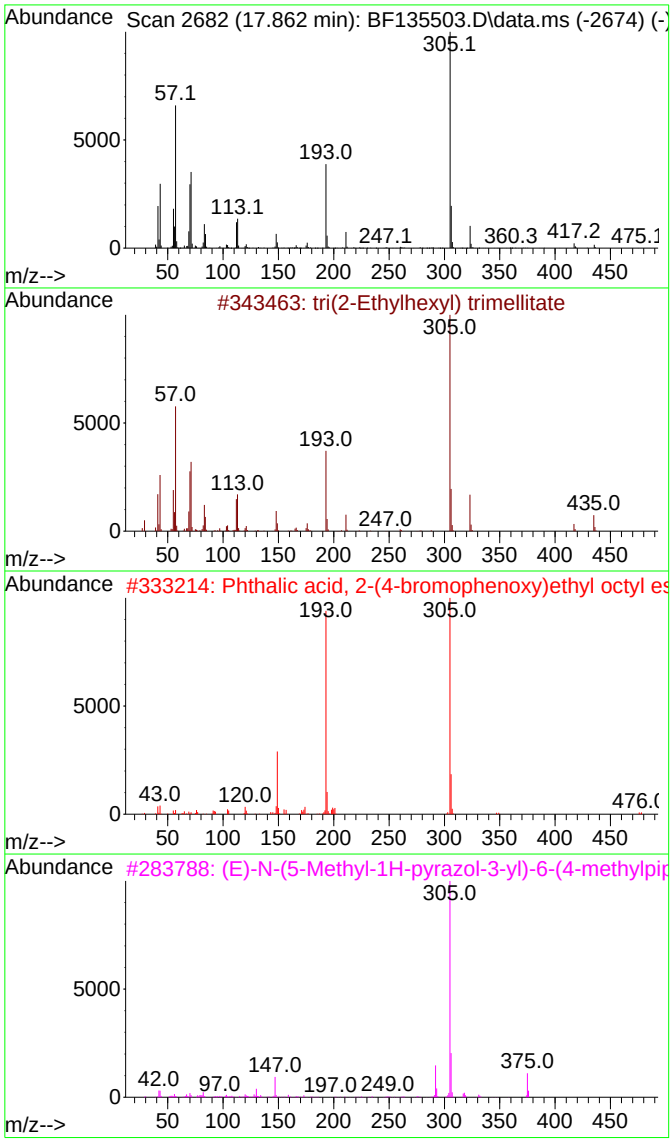
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

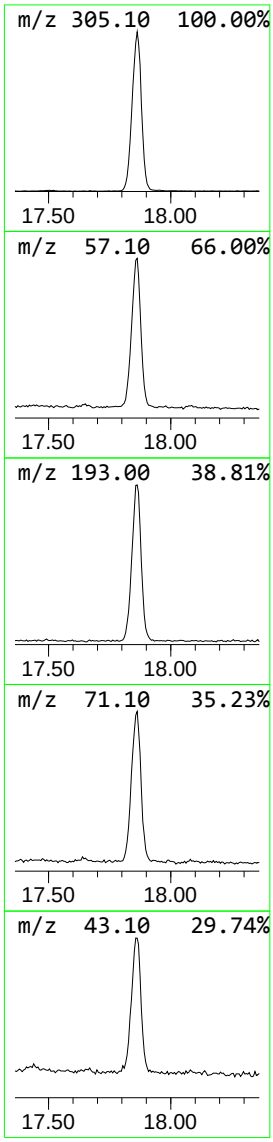
****

Peak Number 20 unknown17.862 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.862	87.63 ng	2130860	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	49
2	Phthalic acid, 2-(4-bromophenoxy...	476	C24H29BrO5	1010382-89-7	36
3	(E)-N-(5-Methyl-1H-pyrazol-3-yl)...	375	C21H25N7	934353-76-1	23
4	benzenamine, 4-methoxy-N-(4-meth...	305	C20H19NO2	1000402-19-8	23
5	2,3-Dihydroxybutanedihydrazide, ...	610	C22H58N4O4Si6	1000511-48-0	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135503.D
Acq On : 28 Sep 2023 20:10
Operator : CG\JU
Sample : 04621-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-287

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.587	2.4	ng	91035	1	6.745	748242	20.0
2,4,7,9-Tetrame...	9.222	4.2	ng	180855	3	9.780	868357	20.0
Anthracene, 2-m...	11.774	4.7	ng	187008	4	11.269	795324	20.0
n-Hexadecanoic ...	11.804	22.0	ng	873204	4	11.269	795324	20.0
Phenanthrene, 3...	11.851	3.1	ng	123659	4	11.269	795324	20.0
4H-Cyclopenta[d...	11.886	7.9	ng	313438	4	11.269	795324	20.0
Anthracene, 9-m...	11.910	2.5	ng	100157	4	11.269	795324	20.0
Naphthalene, 2-...	12.069	3.6	ng	143575	4	11.269	795324	20.0
9,10-Anthracene...	12.104	7.6	ng	302614	4	11.269	795324	20.0
Phenanthrene, 2...	12.327	3.1	ng	121819	4	11.269	795324	20.0
unknown12.363	12.363	4.0	ng	158506	4	11.269	795324	20.0
Cyclopenta(def)...	12.421	6.4	ng	253973	4	11.269	795324	20.0
Octadecanoic acid	12.592	7.6	ng	301538	4	11.269	795324	20.0
Pyrene, 1-methyl-	12.939	2.7	ng	253671	5	13.927	1903920	20.0
Pyrene, 2-methyl-	13.051	4.7	ng	450407	5	13.927	1903920	20.0
11H-Benzo[a]flu...	13.568	2.9	ng	277767	5	13.927	1903920	20.0
7H-Benz[de]anth...	13.780	5.9	ng	562122	5	13.927	1903920	20.0
Benzo[e]pyrene	15.074	9.2	ng	222526	6	15.386	486321	20.0
Perylene	15.262	12.1	ng	295004	6	15.386	486321	20.0
unknown17.862	17.862	87.6	ng	2130860	6	15.386	486321	20.0