LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB20515

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	461	465	475	rVB	153122	191330	10.86%	0.878%
2	5.246	533	537	550	rBV	1917656	1716265	97.45%	7.872%
3	6.281	709	713	728	rBV	1625610	1658391	94.17%	7.606%
4	6.646	771	775	778	rBV	541076	489155	27.78%	2.244%
5	7.210	866	871	874	rBV	1143614	1028143	58.38%	4.716%
6	7.922	988	992	995	rBV	626918	576233	32.72%	2.643%
7	8.634	1108	1113	1120	rBV	18150	19640	1.12%	0.090%
8	8.734	1127	1130	1136	rVB	30603	25314	1.44%	0.116%
9	9.004	1171	1176	1179	rBV	1778594	1639599	93.10%	7.520%
10	9.193	1205	1208	1213	rBV2	25233	30356	1.72%	0.139%
11	9.334	1229	1232	1235	rBV	33415	31767	1.80%	0.146%
12	9.534	1262	1266	1270	rBV	76792	65683	3.73%	0.301%
13	9.675	1285	1290	1293	rBV	708203	567274	32.21%	2.602%
14	9.881	1321	1325	1329	rBV3	16909	27007	1.53%	0.124%
15	9.987	1340	1343	1346	rBV2	20274	22709	1.29%	0.104%
16	10.216	1380	1382	1389	rVB2	26424	30397	1.73%	0.139%
17	10.463	1420	1424	1427	rBV	1265560	1104745	62.73%	5.067%
18	10.587	1442	1445	1450	rBV3	35132	34939	1.98%	0.160%
19	10.763	1471	1475	1478	rBV4	20799	28841	1.64%	0.132%
20	10.963	1506	1509	1512	rVB2	31310	28300	1.61%	0.130%
21	11.051	1522	1524	1531	rVB	27372	27919	1.59%	0.128%
22	11.151	1538	1541	1544	rBV	634237	603312	34.26%	2.767%
23	11.175	1544	1545	1550	rVV	345770	260051	14.77%	1.193%
24	11.228	1551	1554	1557	rVB	65939	52063	2.96%	0.239%
25	11.263	1557	1560	1564	rBV3	22903	27630	1.57%	0.127%
26	11.487	1595	1598	1602	rVB3	29586	29831	1.69%	0.137%
27	11.610	1615	1619	1622	rBV4	21878	28261	1.60%	0.130%
28	11.657	1623	1627	1629	rVV	166674	173168	9.83%	0.794%
29	11.681	1629	1631	1636	rVV2	196684	253426	14.39%	1.162%
30	11.728	1637	1639	1642	rVV	43493	41689	2.37%	0.191%
31	11.763	1642	1645	1647	rVV	181610	176472	10.02%	0.809%
32	11.786	1647	1649	1653	rVB	123750	104851	5.95%	0.481%
33	11.922	1669	1672	1674	rBV3	39243	37200	2.11%	0.171%
34	11.951	1674	1677	1679	rVV2	68773	64679	3.67%	0.297%
35	11.975	1679	1681	1683	rVV2	63166	56178	3.19%	0.258%
36	11.998	1683	1685	1688	rVB	53258	41987	2.38%	0.193%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.098	1700	1702	1705	rBV	44789	34702	1.97%	0.159%
38	12.128	1705	1707	1709	rBV	74733	61817	3.51%	0.284%
39	12.151	1709	1711	1714	rVB	58106	50587	2.87%	0.232%
40	12.204	1716	1720	1723	rBV	169746	175580	9.97%	0.805%
41	12.234	1723	1725	1727	rBV2	69132	80826	4.59%	0.371%
42	12.286	1727	1734	1738	rBV4	381754	1036496	58.85%	4.754%
43	12.363	1744	1747	1752	rVB	588072	552200	31.35%	2.533%
44	12.404	1752	1754	1757	rVB4	113663	99772	5.67%	0.458%
45	12.481	1765	1767	1771	rVB3	128245	103089	5.85%	0.473%
46	12.516	1771	1773	1777	rVB4	104975	101951	5.79%	0.468%
47	12.592	1781	1786	1788	rBV	609468	605875	34.40%	2.779%
48	12.616	1788	1790	1792	rVB2	46574	41295	2.34%	0.189%
49	12.651	1792	1796	1800	rVB2	96850	102408	5.81%	0.470%
50	12.710	1800	1806	1807	rBV5	55119	95109	5.40%	0.436%
51	12.739	1807	1811	1815	rVB	1900674	1761123	100.00%	8.077%
52	12.798	1818	1821	1827	rVB2	92245	152346	8.65%	0.699%
53	12.916	1835	1841	1844	rVB2	157008	298208	16.93%	1.368%
54	12.981	1850	1852	1855	rVB2	74170	72010	4.09%	0.330%
55	13.022	1856	1859	1861	rBV	175713	161733	9.18%	0.742%
56	13.116	1872	1875	1877	rVB	173381	145652	8.27%	0.668%
57	13.145	1877	1880	1883	rVB	108157	91828	5.21%	0.421%
58	13.322	1908	1910	1912	rVB2	89753	62432	3.55%	0.286%
59	13.422	1925	1927	1933	rVB	72301	78170	4.44%	0.359%
60	13.533	1942	1946	1949	rBV4	94243	135792	7.71%	0.623%
61	13.563	1949	1951	1953	rVB	46153	32469	1.84%	0.149%
62	13.645	1961	1965	1968	rVB2	78489	114813	6.52%	0.527%
63	13.786	1984	1989	1991	rBV3	891726	1095232	62.19%	5.023%
64	13.810	1991	1993	1996	rVB	325748	261596	14.85%	1.200%
65	13.886	2004	2006	2009	rVB2	70889	55150	3.13%	0.253%
66	13.963	2017	2019	2022	rVB	100158	78241	4.44%	0.359%
67	14.175	2052	2055	2058	rVB	124935	113811	6.46%	0.522%
68	14.204	2058	2060	2063	rVB	86222	78741	4.47%	0.361%
69	14.269	2068	2071	2073	rBV2	113927	102338	5.81%	0.469%
70	14.786	2156	2159	2162	rBV	301721	398285	22.62%	1.827%
71	15.063	2203	2206	2211	rVB	224264	267248	15.17%	1.226%
72	15.116	2212	2215	2221	rVB	259610	322235	18.30%	1.478%
73	15.180	2222	2226	2229	rBV	531714	633234	35.96%	2.904%
74	16.486	2445	2448	2458	rVB2	88240	157260	8.93%	0.721%
75	16.886	2512	2516	2524	rVB	88545	156747	8.90%	0.719%
76	18.874	2846	2854	2867	rVB5	161828	539967	30.66%	2.477%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

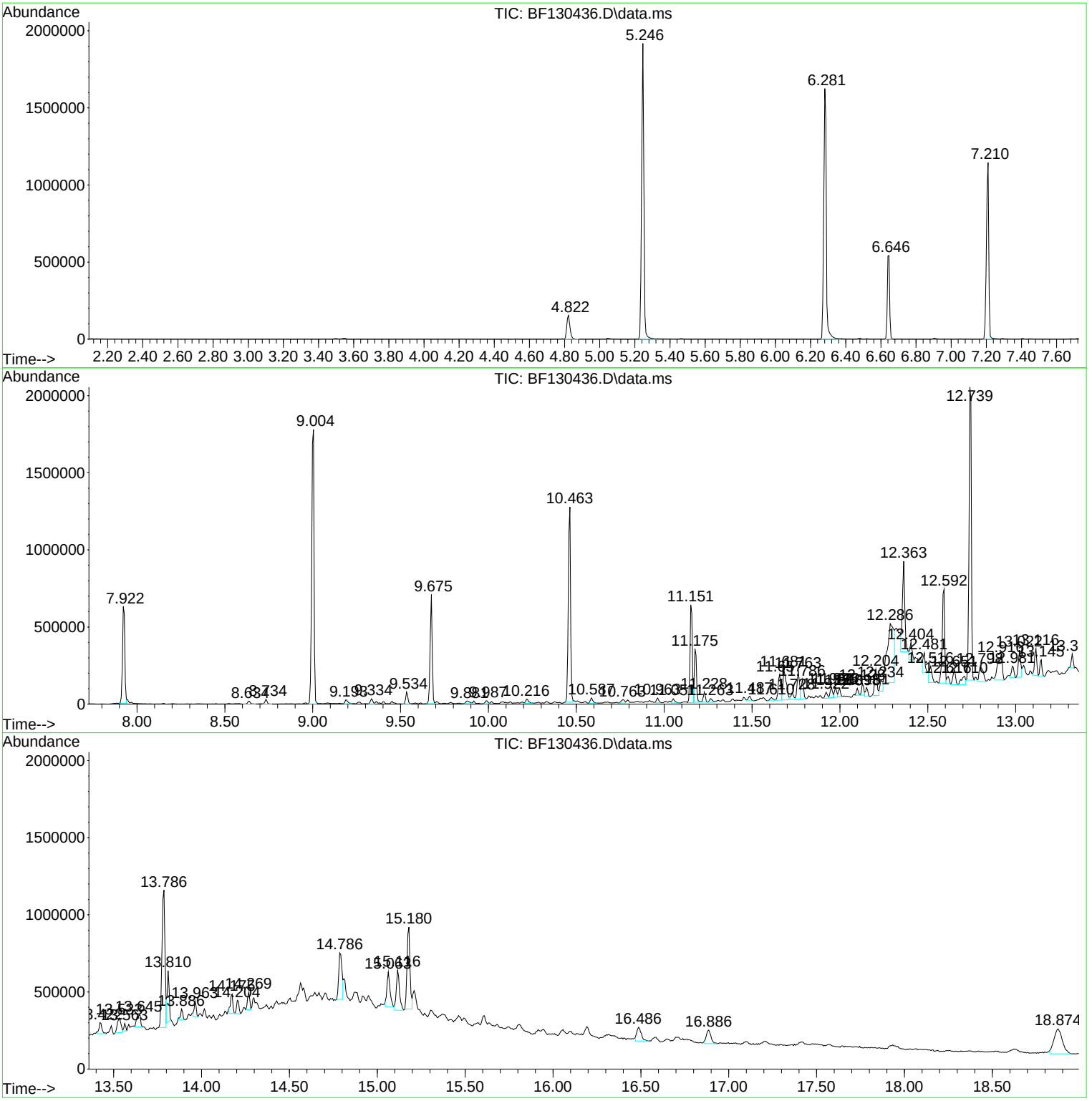
Sum of corrected areas: 21803173

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

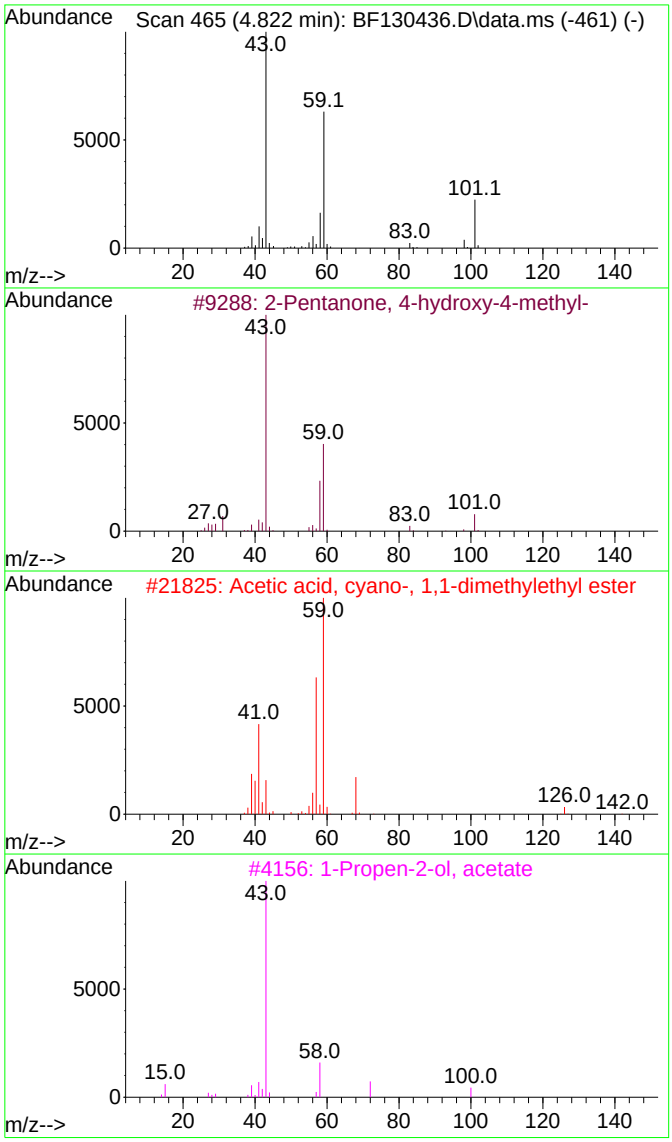
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

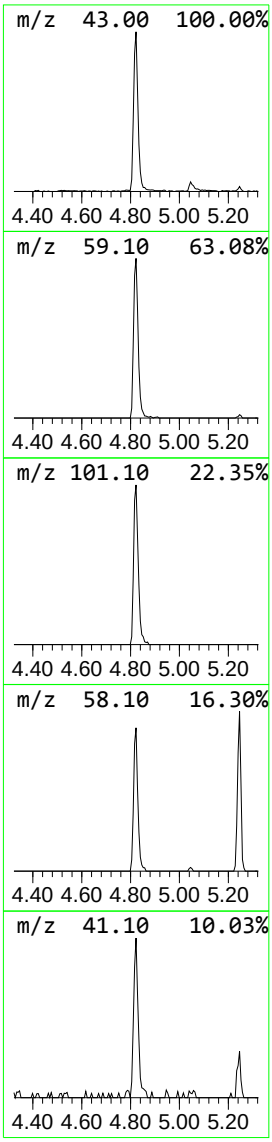
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	7.82 ng	191330	1,4-Dichlorobenzene-d4	6.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

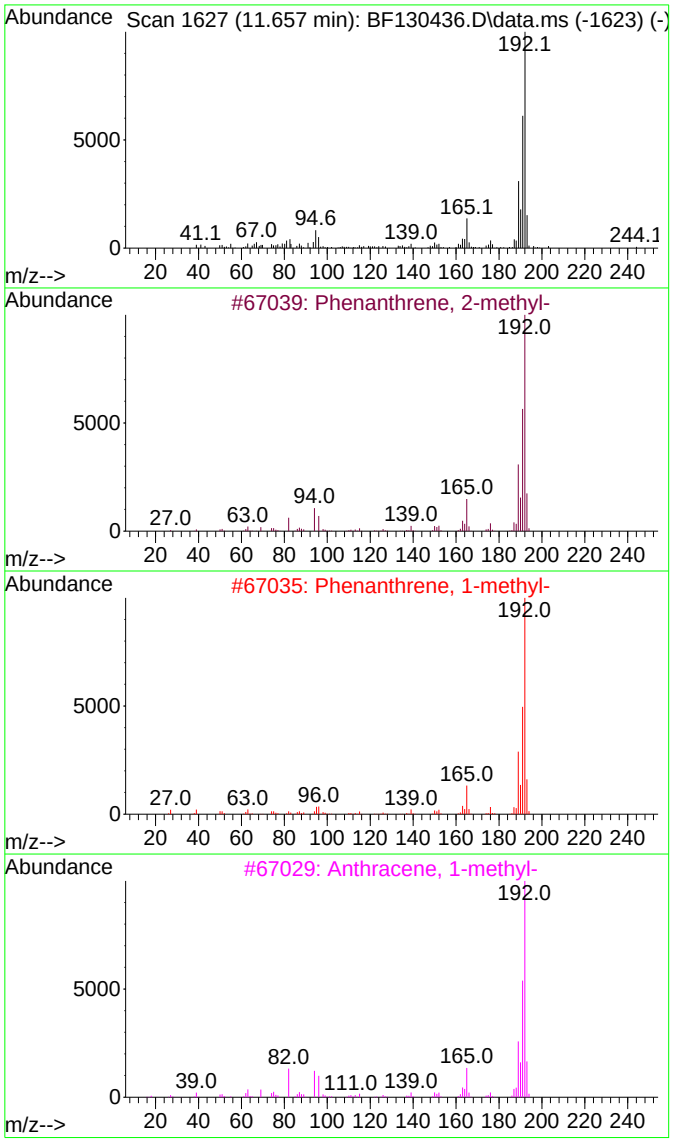
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

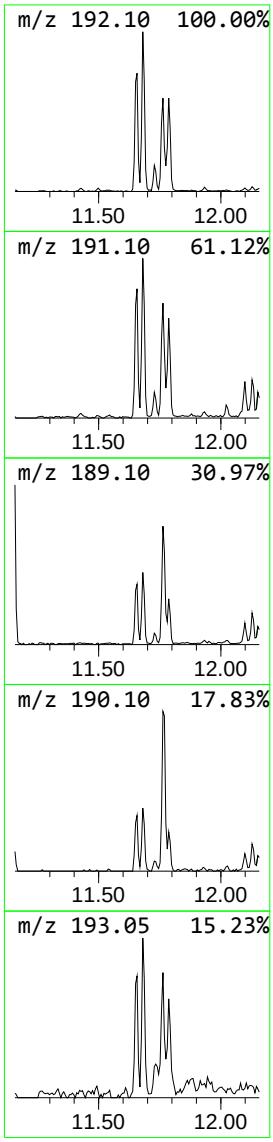
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	5.74 ng	173168	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

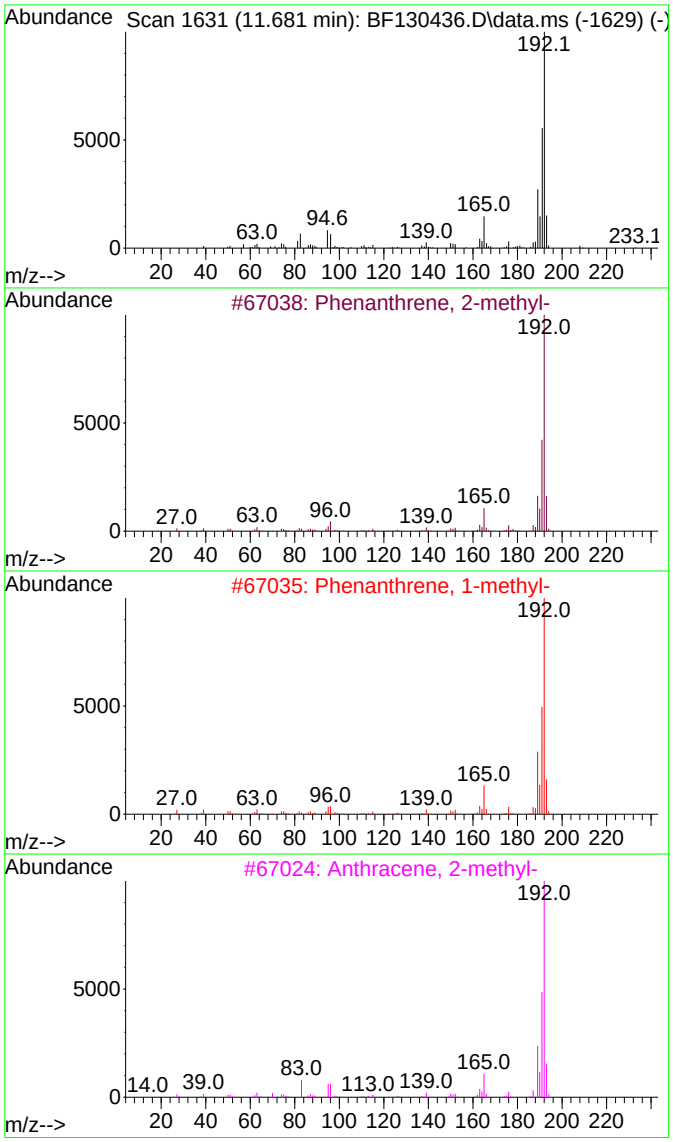
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

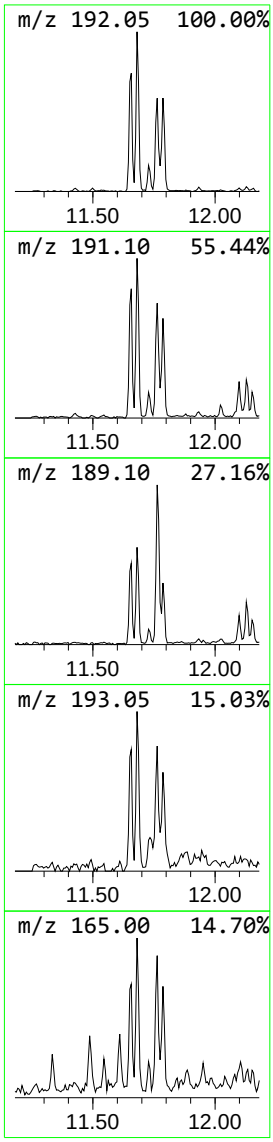
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	8.40 ng	253426	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

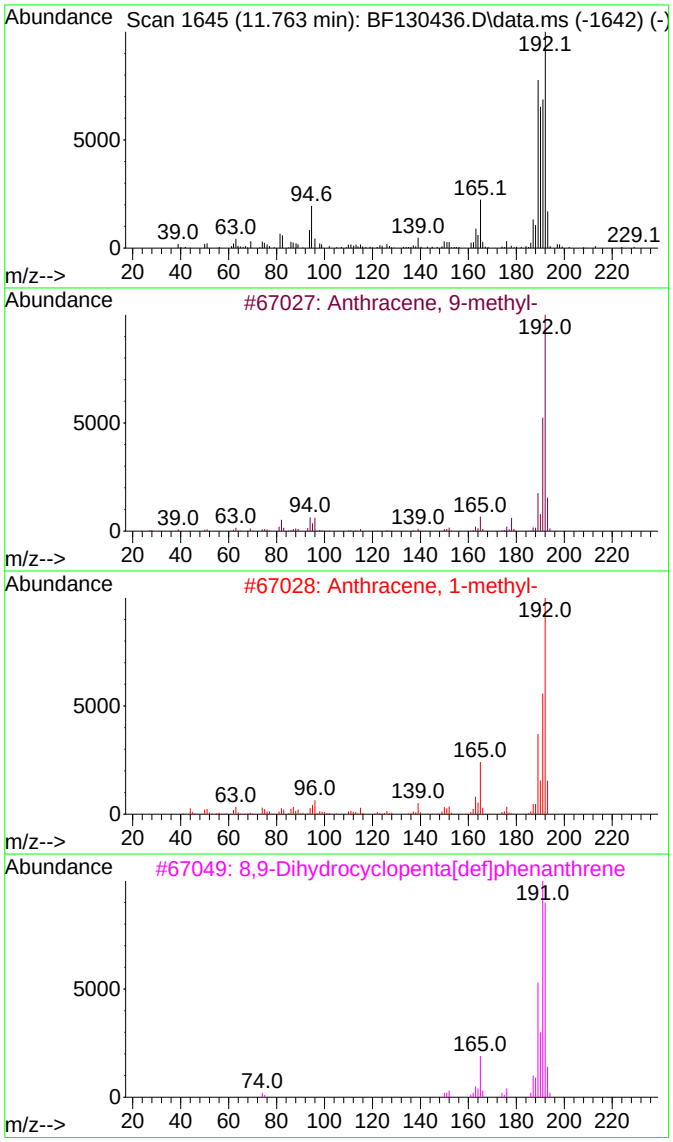
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

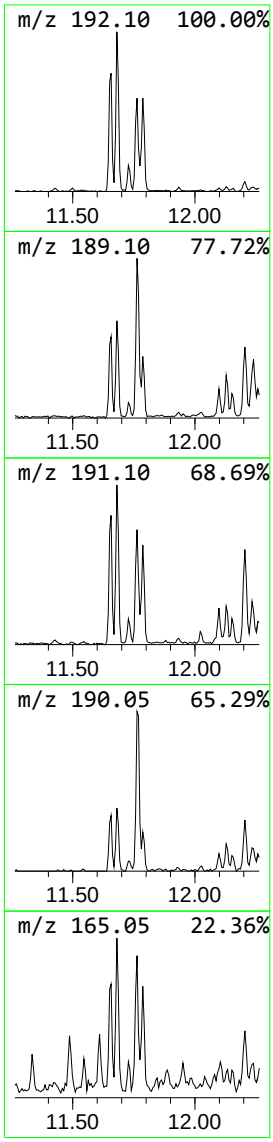
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	5.85 ng	176472	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

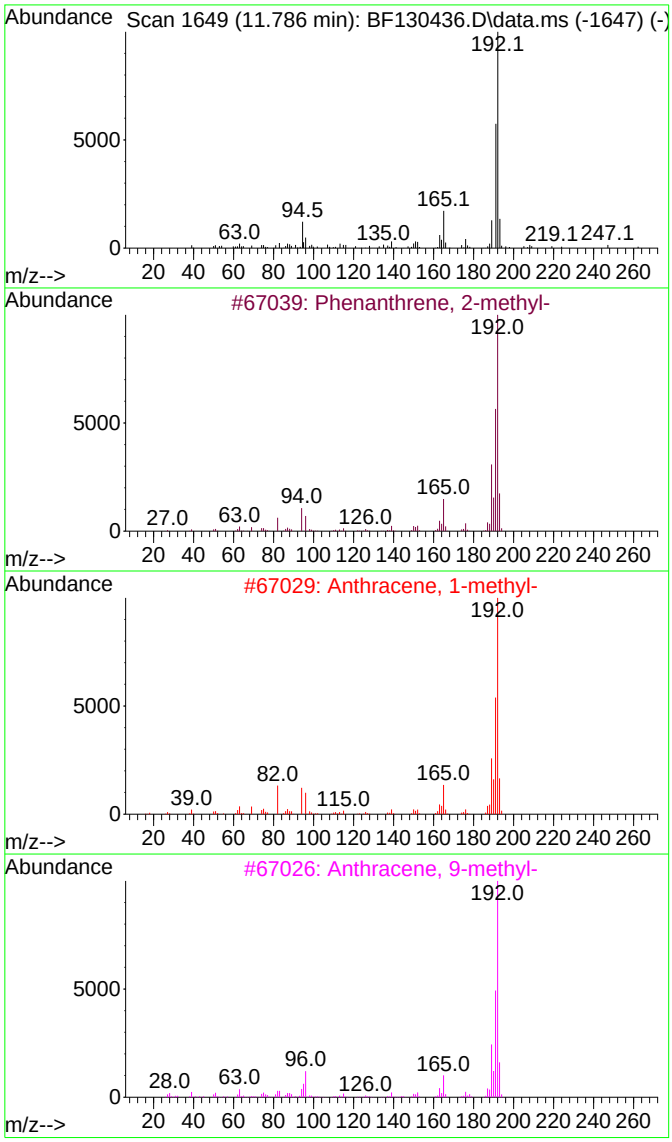
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

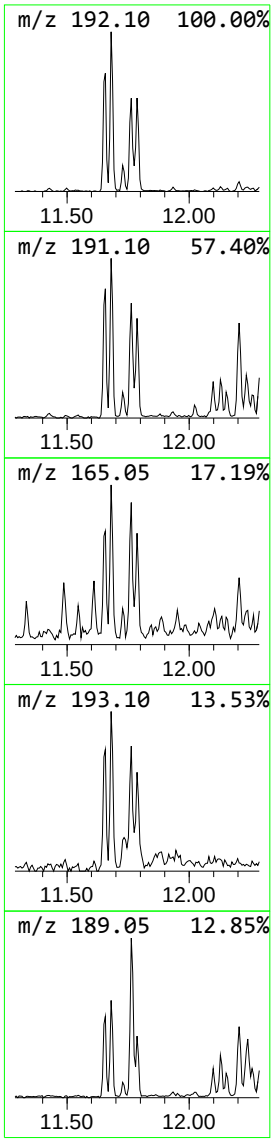
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.787	3.48 ng	104851	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

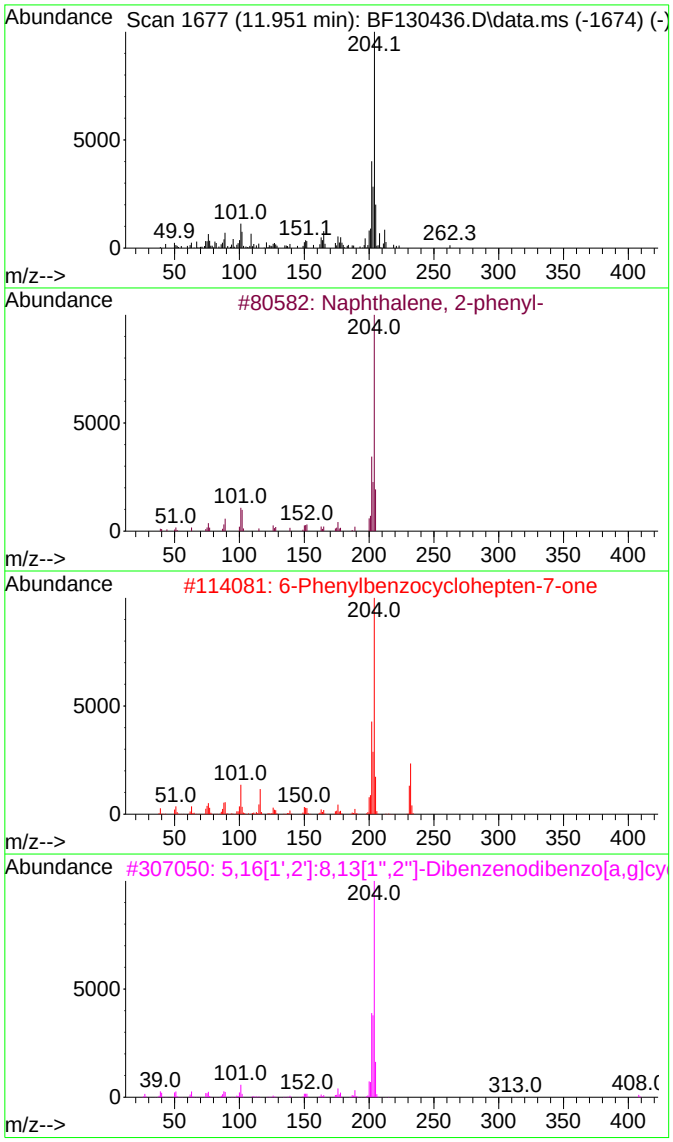
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

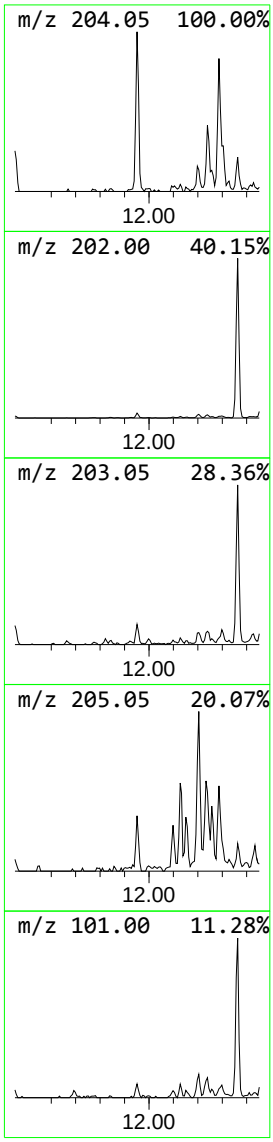
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.14 ng	64679	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

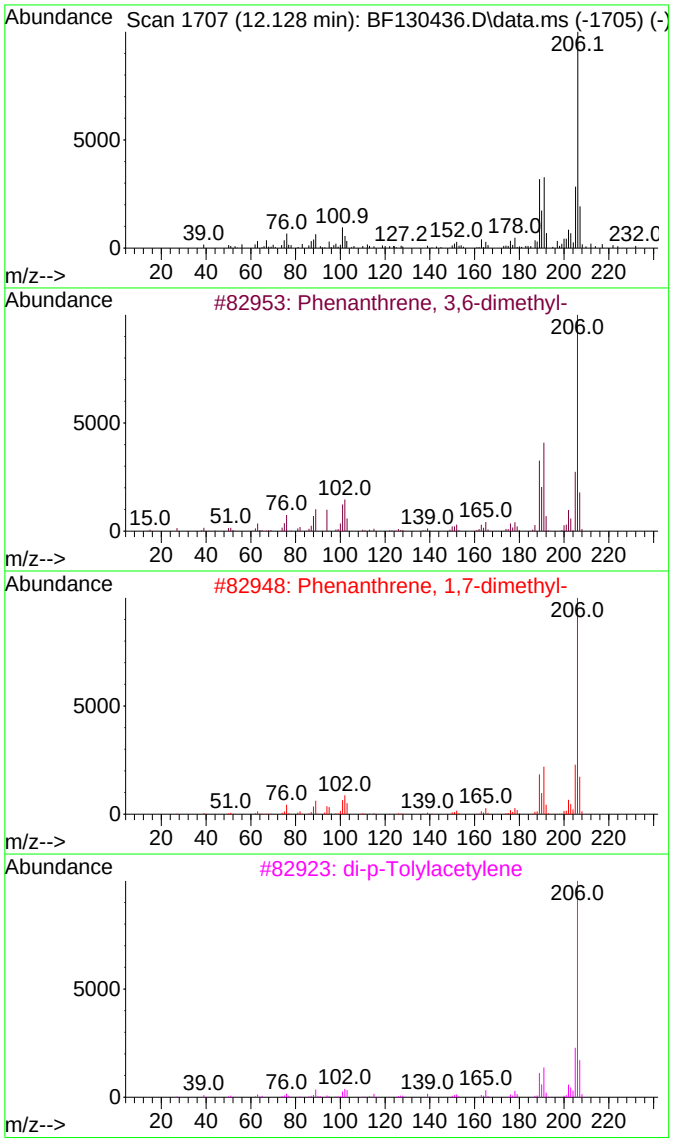
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

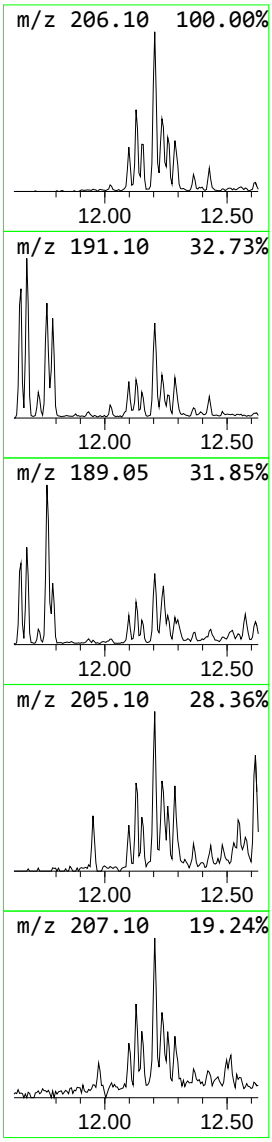
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	2.05 ng	61817	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

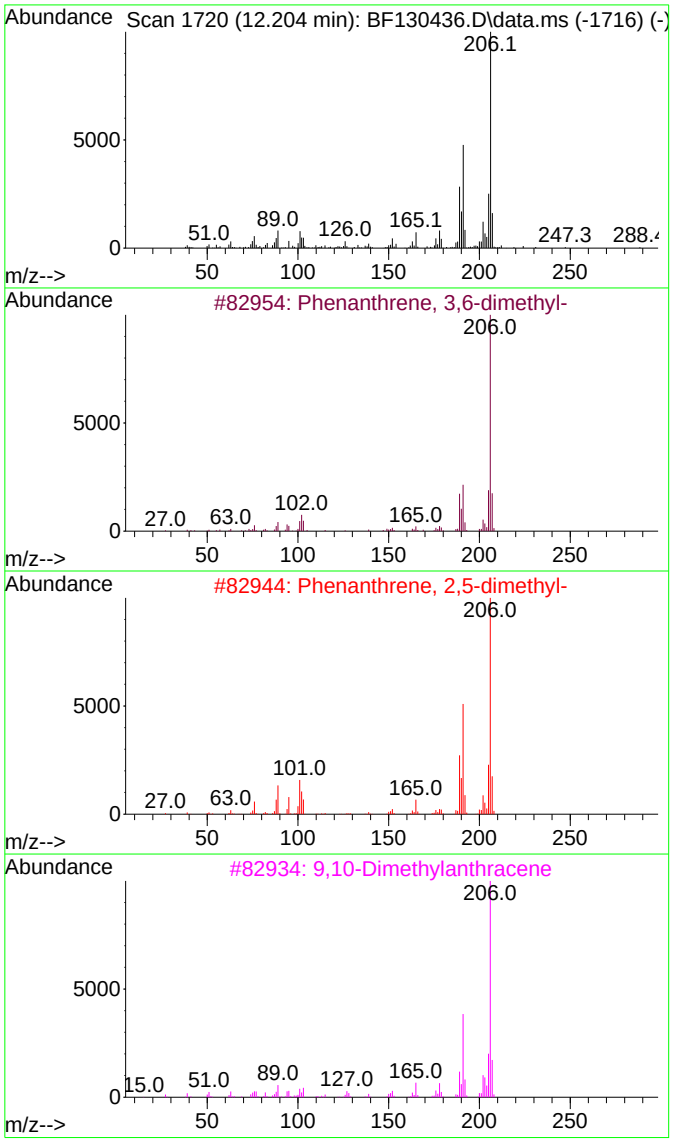
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

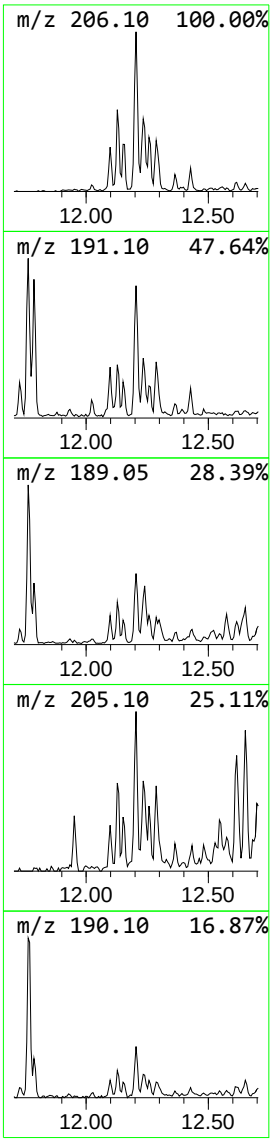
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	5.82 ng	175580	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

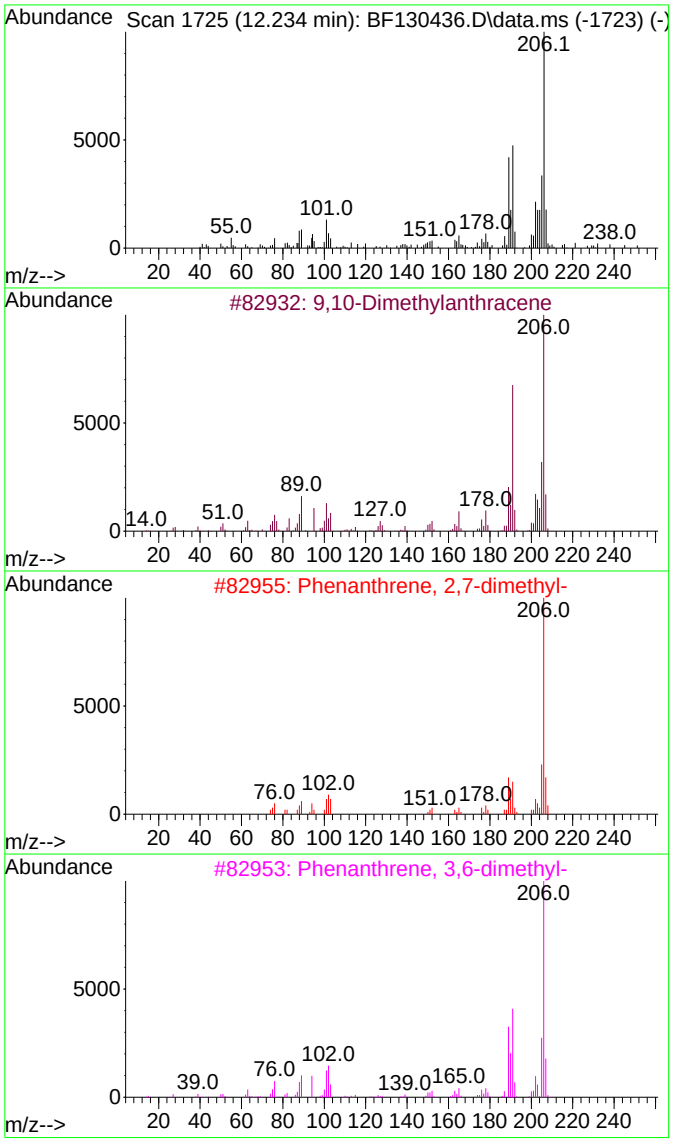
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

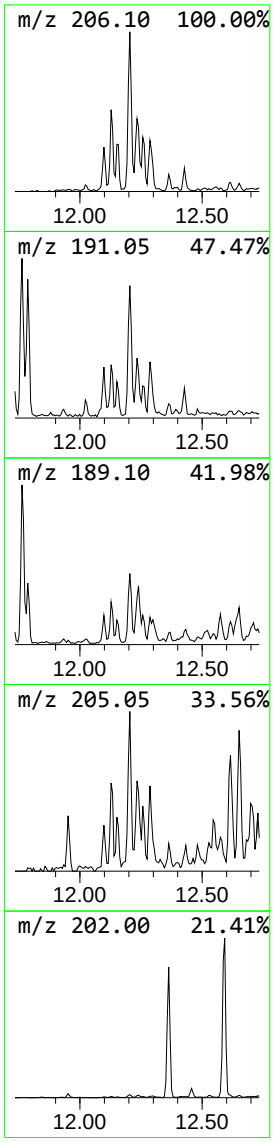
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	2.68 ng	80826	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	62
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

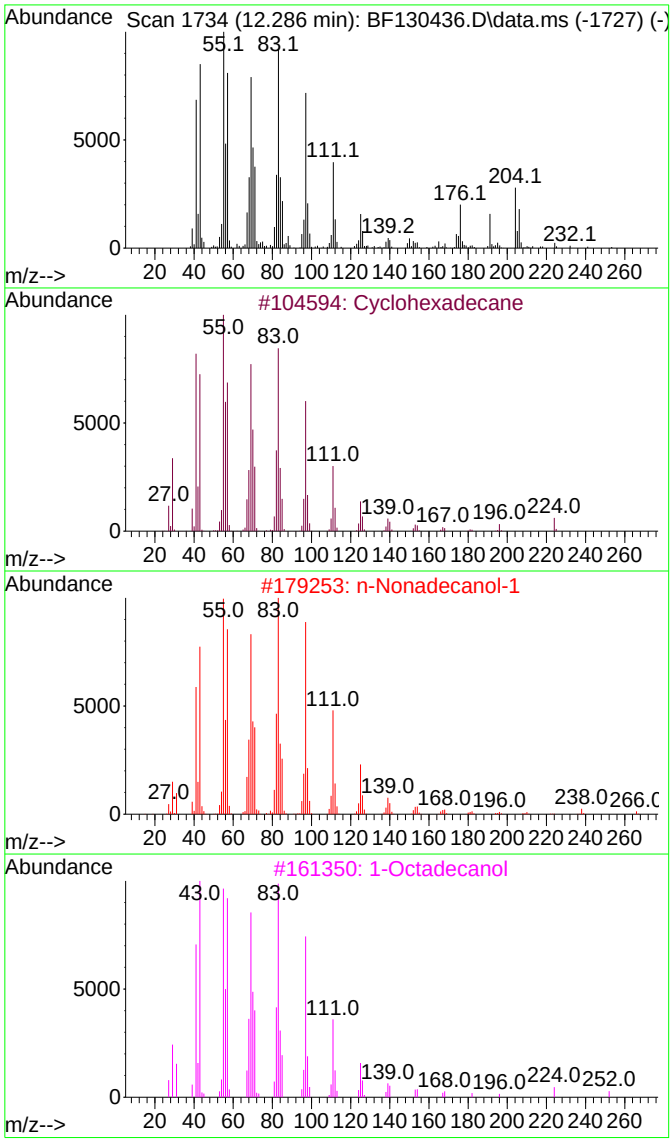
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

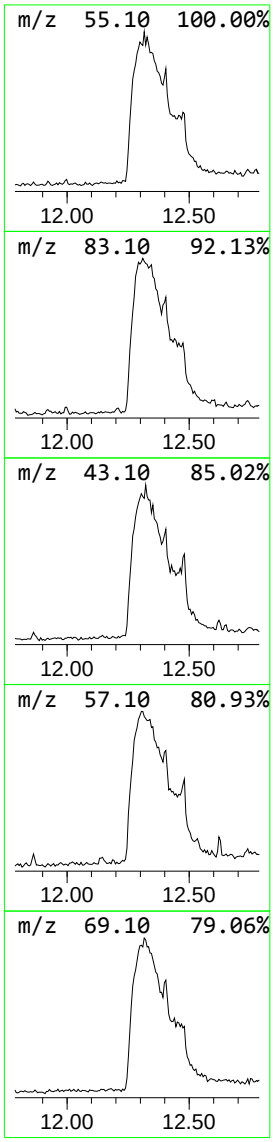
****

Peak Number 10 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	34.36 ng	1036500	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

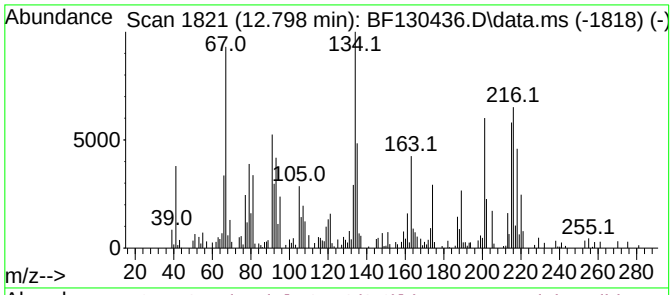
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

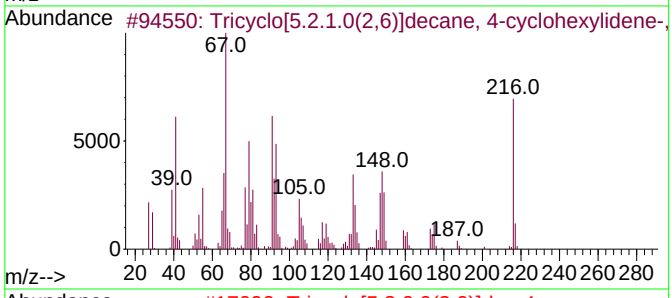
****

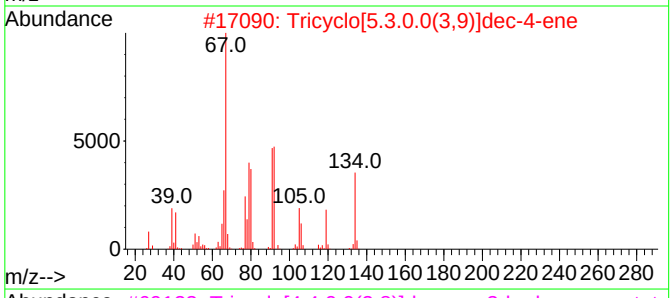
Peak Number 11 unknown12.798 Concentration Rank 12

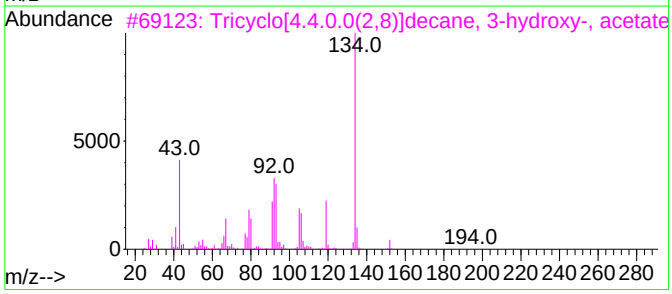
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	2.78 ng	152346	Chrysene-d12	13.786

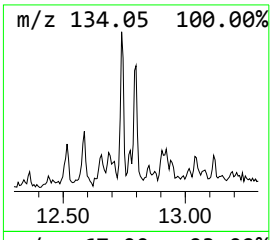
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(2,6)]decane, 4-...	216	C16H24	1000151-82-9	49
2	Tricyclo[5.3.0.0(3,9)]dec-4-ene	134	C10H14	083092-95-9	43
3	Tricyclo[4.4.0.0(2,8)]decane, 3-...	194	C12H18O2	1000196-68-9	16
4	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	15
5	Bicyclo[2.2.1]heptane, 2-butylid...	150	C11H18	062211-86-3	14

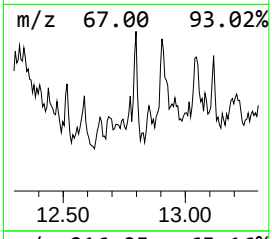


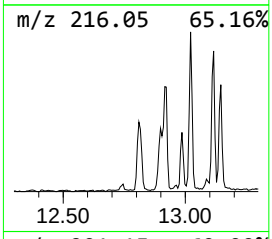


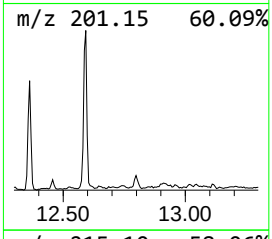


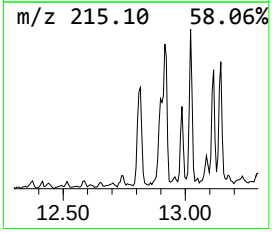












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

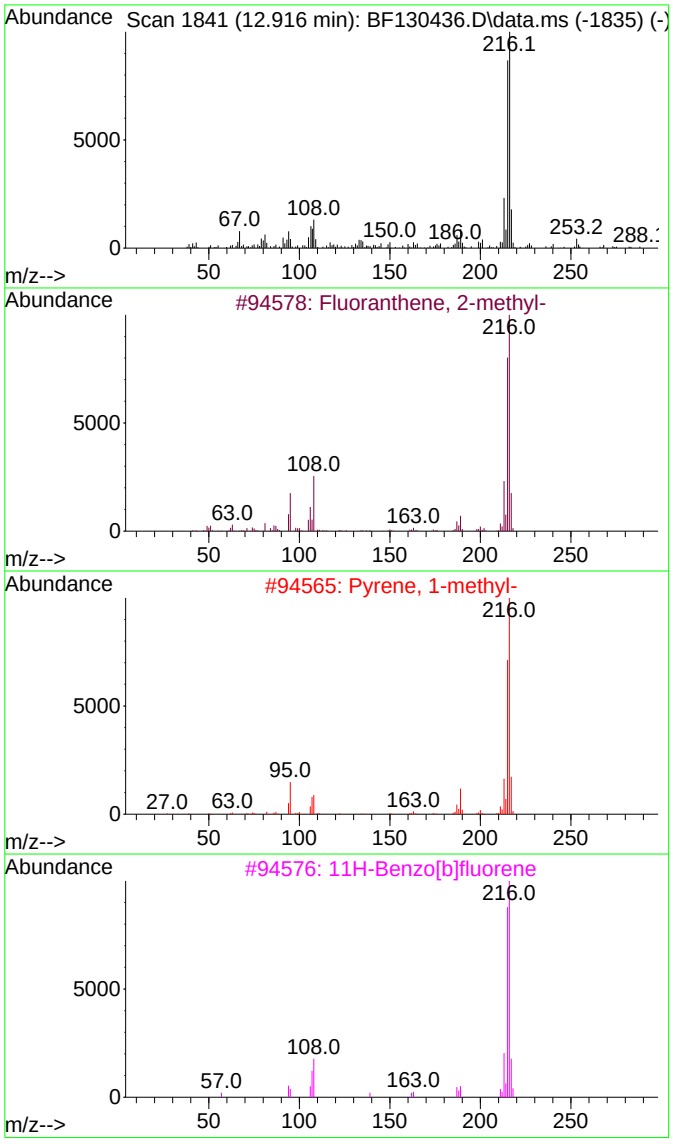
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

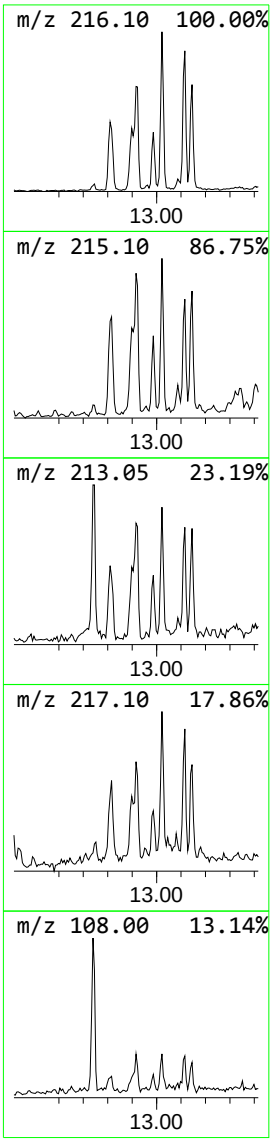
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	5.45 ng	298208	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

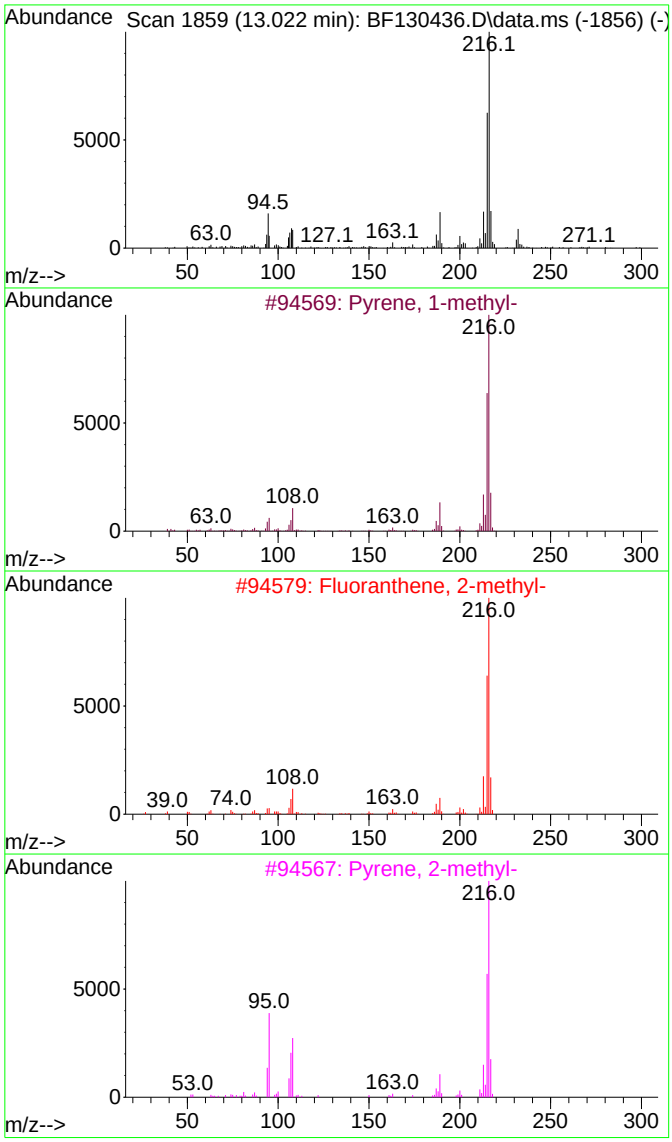
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

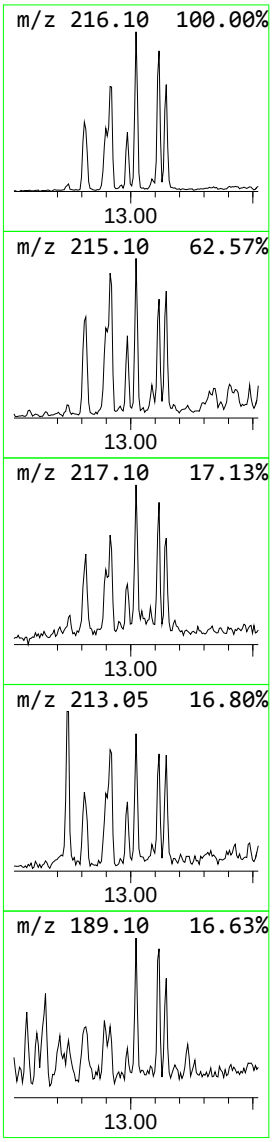
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	2.95 ng	161733	Chrysene-d12	13.786

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	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

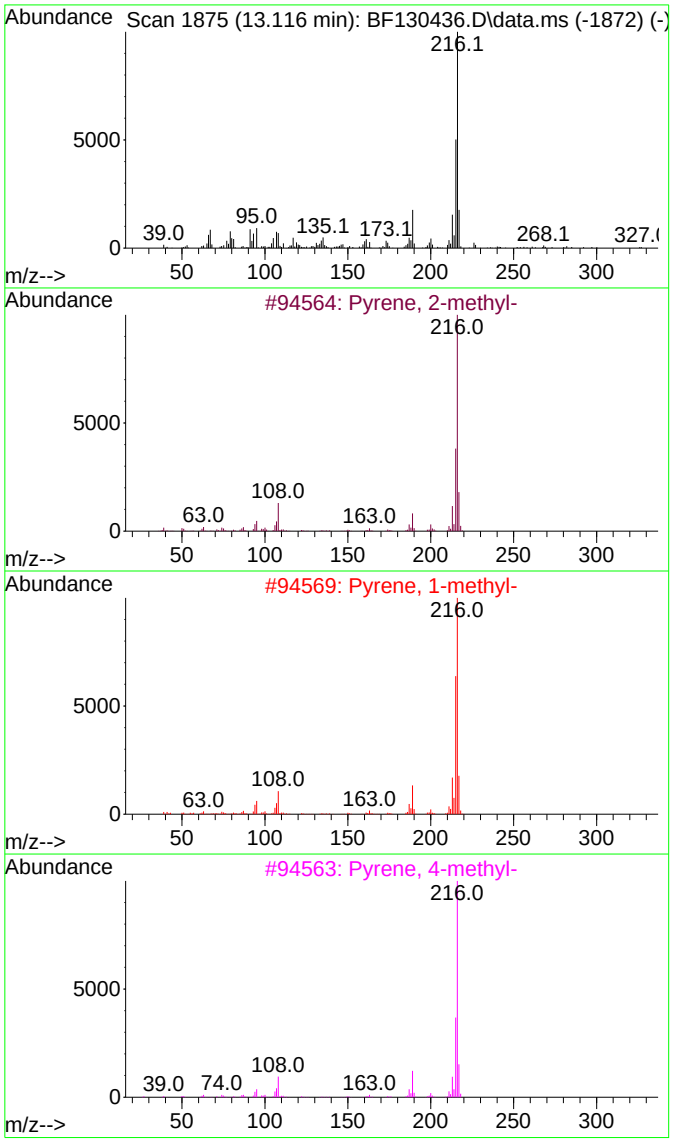
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

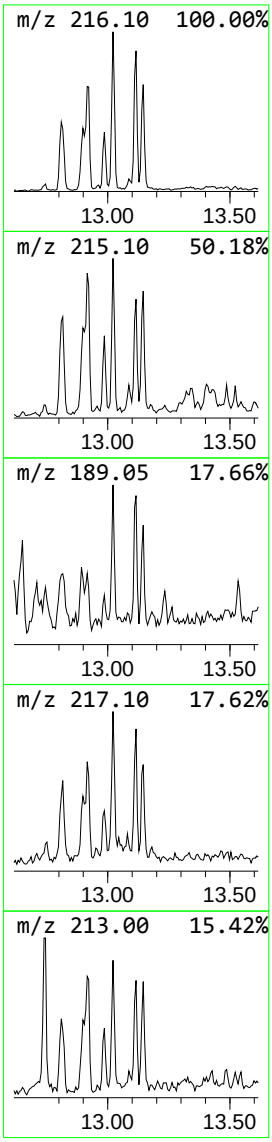
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.66 ng	145652	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

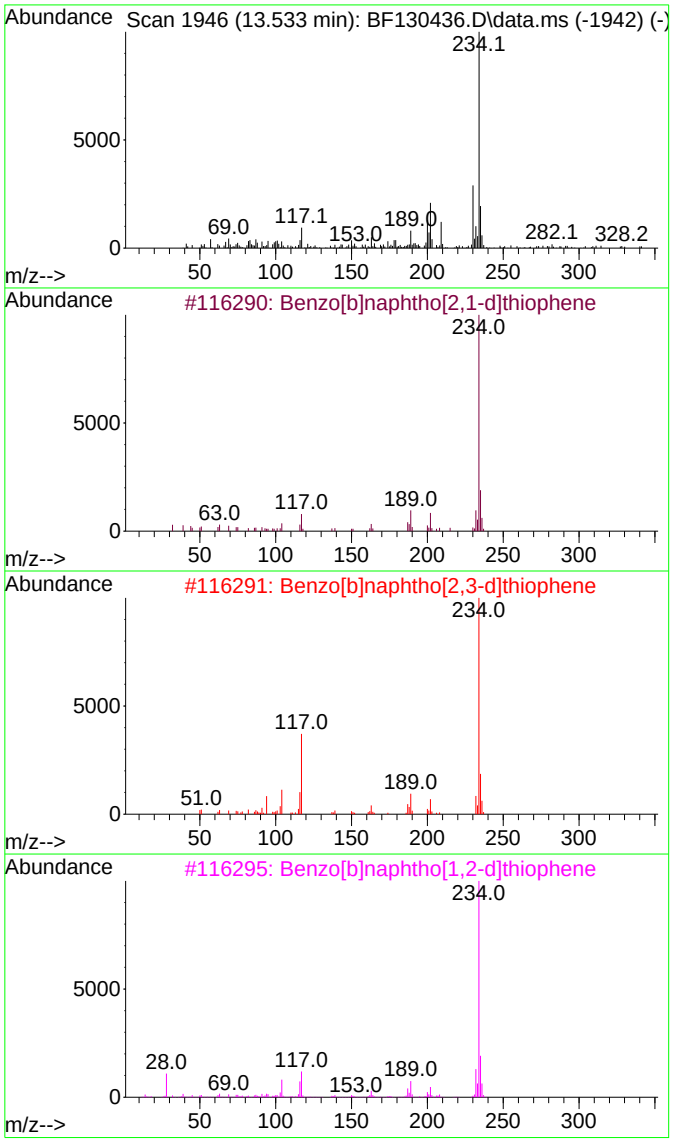
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

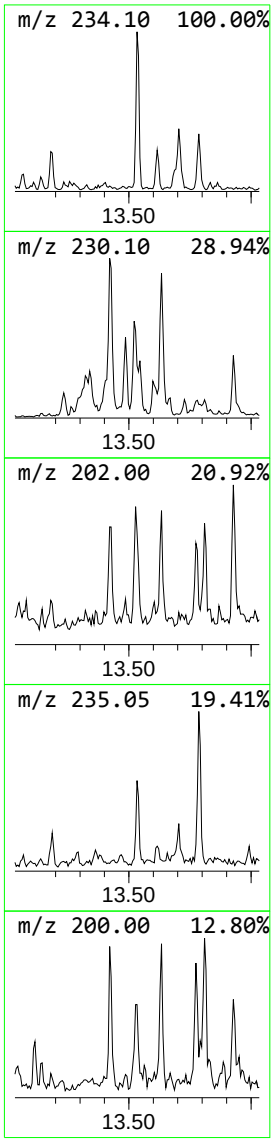
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	2.48 ng	135792	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	52
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	50
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

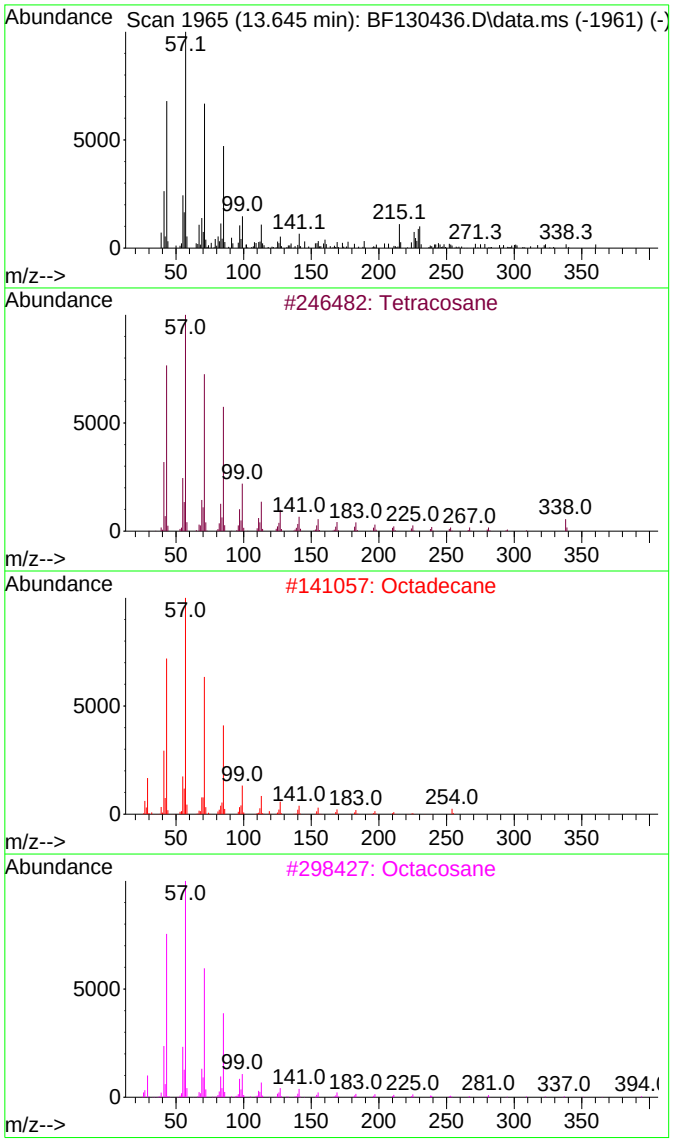
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

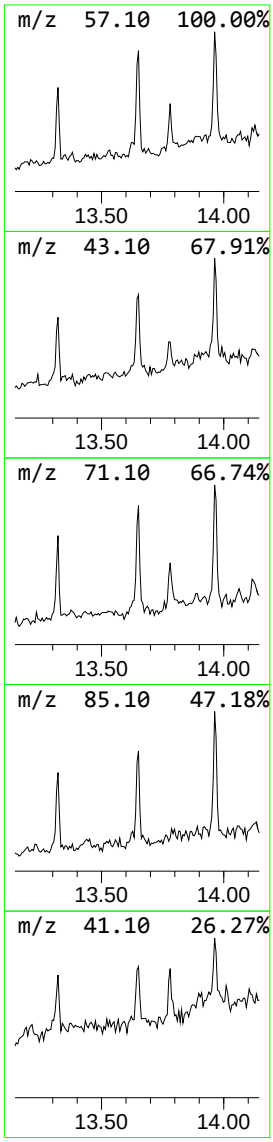
****

Peak Number 16 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	2.10 ng	114813	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octadecane	254	C18H38	000593-45-3	89
3	Octacosane	394	C28H58	000630-02-4	81
4	Heneicosane	296	C21H44	000629-94-7	76
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

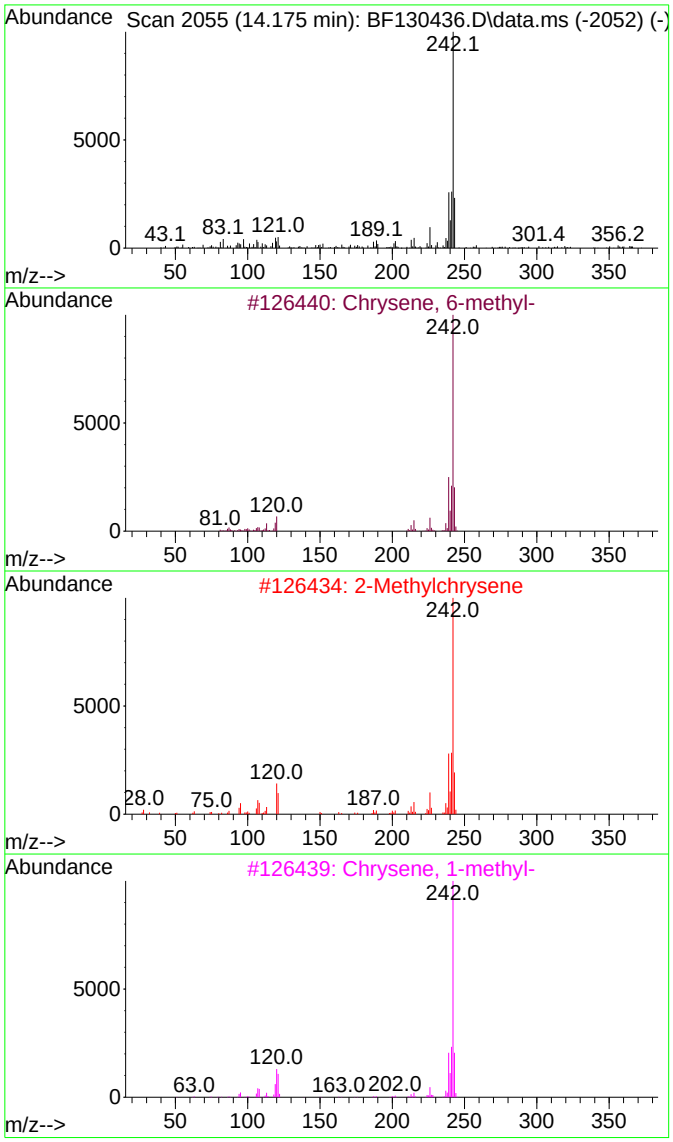
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

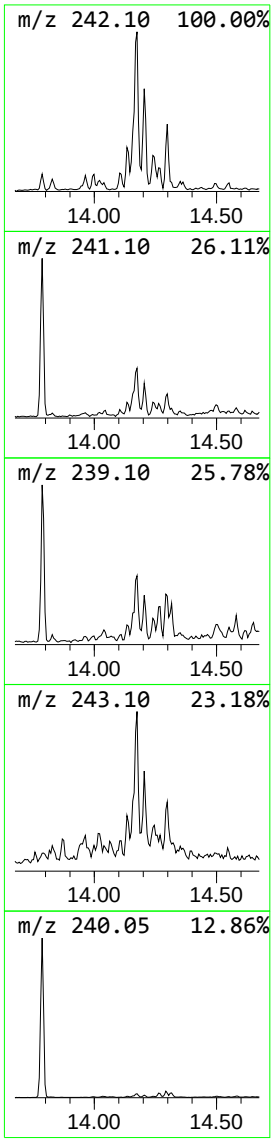
****

Peak Number 17 Chrysene, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	2.08 ng	113811	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
2	2-Methylchrysene	242	C19H14	003351-32-4	90
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	87
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

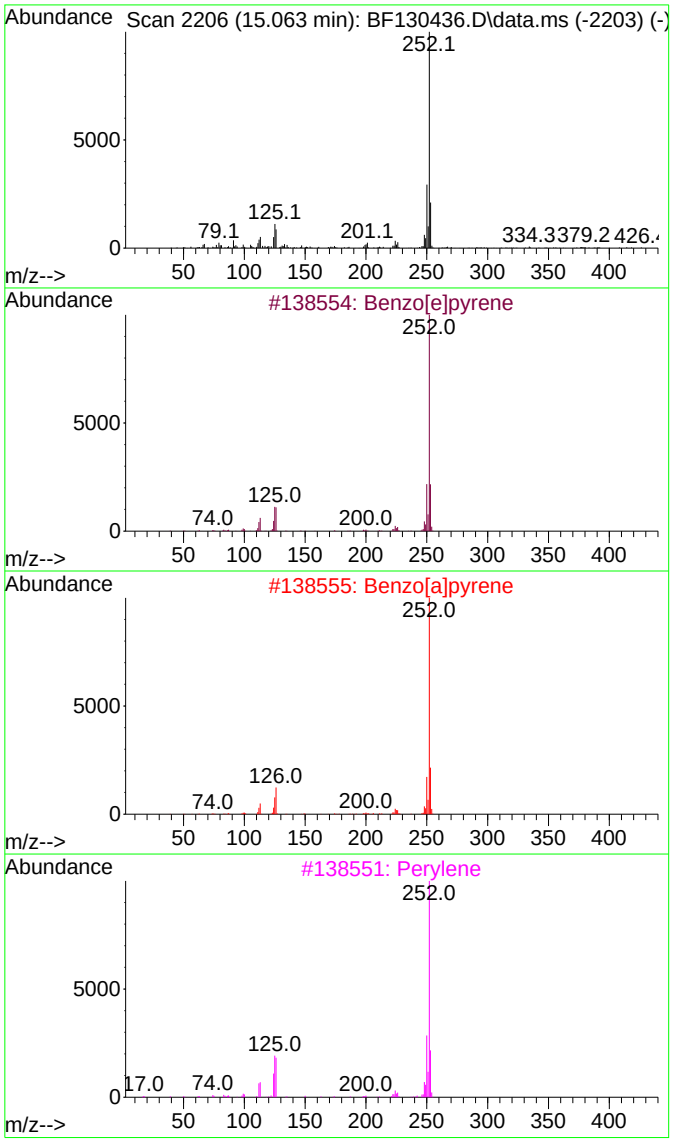
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

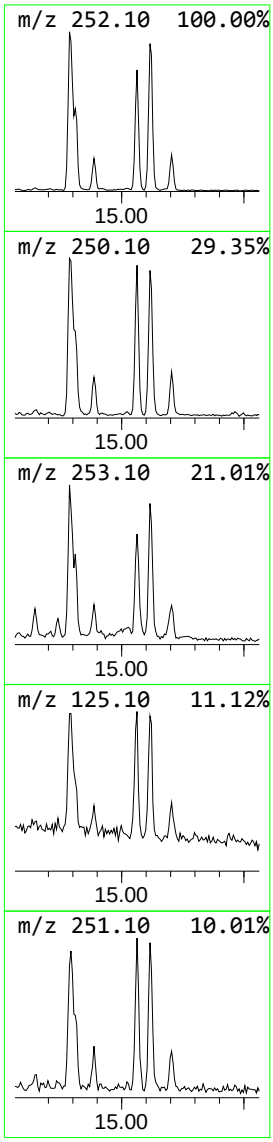
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	8.44 ng	267248	Perylene-d12	15.180

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

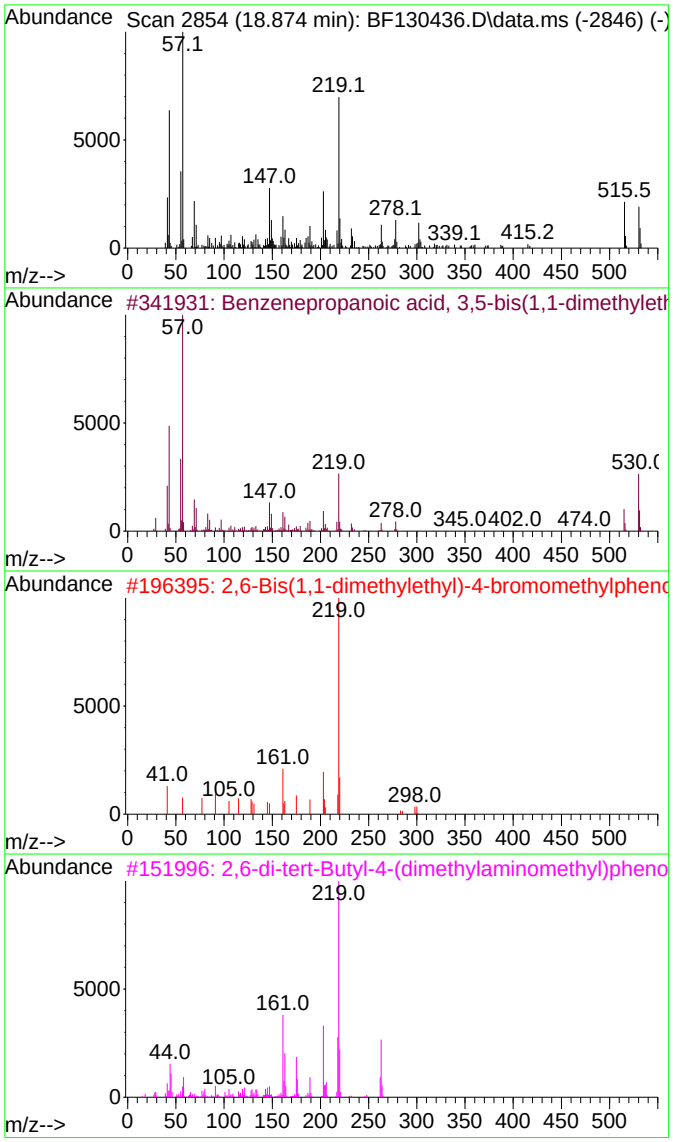
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

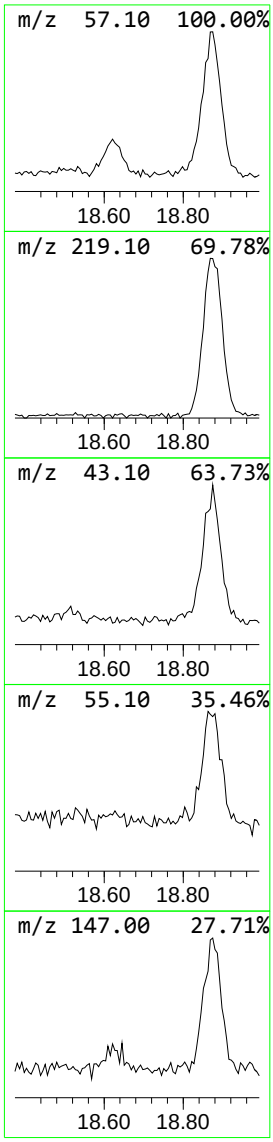
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzenepropanoic acid, 3,5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	17.05 ng	539967	Perylene-d12	15.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	97
2	2,6-Bis(1,1-dimethylethyl)-4-bro...	298	C15H23BrO	002091-51-2	35
3	2,6-di-tert-Butyl-4-(dimethylami...	263	C17H29NO	000088-27-7	30
4	2-Hydroxypropionic acid, 3,3,3-t...	278	C12H13F3O4	1000304-21-7	25
5	(2-Nitro-4-trifluoromethyl-pheno...	279	C9H8F3N3O4	1000294-73-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130436.D
Acq On : 27 Sep 2022 21:31
Operator : CG\JU
Sample : N4789-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB20515

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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-...	4.822	7.8	ng	191330	1	6.646	489155	20.0
Phenanthrene, 2...	11.657	5.7	ng	173168	4	11.151	603312	20.0
Phenanthrene, 1...	11.681	8.4	ng	253426	4	11.151	603312	20.0
Anthracene, 9-m...	11.763	5.8	ng	176472	4	11.151	603312	20.0
Anthracene, 1-m...	11.787	3.5	ng	104851	4	11.151	603312	20.0
Naphthalene, 2-...	11.951	2.1	ng	64679	4	11.151	603312	20.0
Phenanthrene, 3...	12.128	2.0	ng	61817	4	11.151	603312	20.0
Phenanthrene, 2...	12.204	5.8	ng	175580	4	11.151	603312	20.0
9,10-Dimethylan...	12.233	2.7	ng	80826	4	11.151	603312	20.0
Cyclohexadecane	12.287	34.4	ng	1036500	4	11.151	603312	20.0
unknown12.798	12.798	2.8	ng	152346	5	13.786	1095230	20.0
Fluoranthene, 2...	12.916	5.5	ng	298208	5	13.786	1095230	20.0
Pyrene, 1-methyl-	13.022	3.0	ng	161733	5	13.786	1095230	20.0
Pyrene, 2-methyl-	13.116	2.7	ng	145652	5	13.786	1095230	20.0
Benzo[b]naphtho...	13.533	2.5	ng	135792	5	13.786	1095230	20.0
Tetracosane	13.645	2.1	ng	114813	5	13.786	1095230	20.0
Chrysene, 6-met...	14.175	2.1	ng	113811	5	13.786	1095230	20.0
Benzo[e]pyrene	15.063	8.4	ng	267248	6	15.180	633234	20.0
Benzenepropanoi...	18.874	17.1	ng	539967	6	15.180	633234	20.0