LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092922

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: BF130508.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	458	465	468	rBV	1526075	2094738	11.86%	2.493%
2	5.240	532	536	548	rBV	1834457	1734323	9.82%	2.064%
3	6.281	709	713	726	rBV	1562415	1534048	8.69%	1.826%
4	6.634	770	773	777	rBV	538391	453270	2.57%	0.539%
5	7.204	866	870	873	rBV	1110078	919521	5.21%	1.094%
6	7.916	986	991	993	rBV	561579	504066	2.85%	0.600%
7	7.939	993	995	998	rVB	343334	263111	1.49%	0.313%
8	8.628	1109	1112	1116	rVB	268475	229828	1.30%	0.274%
9	8.728	1125	1129	1133	rBV	324616	266716	1.51%	0.317%
10	8.992	1170	1174	1184	rVB	1640294	1434665	8.13%	1.708%
11	9.257	1214	1219	1223	rBV	170903	247834	1.40%	0.295%
12	9.328	1227	1231	1234	rVV	301184	295881	1.68%	0.352%
13	9.528	1262	1265	1271	rVB	219936	180593	1.02%	0.215%
14	9.669	1282	1289	1291	rBV2	491366	506712	2.87%	0.603%
15	9.698	1291	1294	1298	rVB	404801	340231	1.93%	0.405%
16	9.869	1318	1323	1327	rBV	421369	396057	2.24%	0.471%
17	10.216	1378	1382	1388	rVB	622056	599398	3.39%	0.713%
18	10.457	1417	1423	1427	rBV	972763	968542	5.49%	1.153%
19	10.757	1469	1474	1477	rBV2	144997	191080	1.08%	0.227%
20	11.045	1521	1523	1529	rVB	348501	307932	1.74%	0.366%
21	11.151	1538	1541	1542	rBV	451682	411639	2.33%	0.490%
22	11.180	1542	1546	1549	rVV	3914775	3328760	18.85%	3.962%
23	11.228	1549	1554	1557	rVV	870734	765447	4.34%	0.911%
24	11.386	1575	1581	1587	rBV	410438	394543	2.23%	0.470%
25	11.475	1594	1596	1601	rVB3	197747	199111	1.13%	0.237%
26	11.557	1606	1610	1613	rBV	4487450	3566390	20.20%	4.245%
27	11.651	1622	1626	1628	rBV	560416	494357	2.80%	0.588%
28	11.680	1628	1631	1633	rVV	767841	713398	4.04%	0.849%
29	11.698	1633	1634	1636	rVV	322770	191469	1.08%	0.228%
30	11.727	1636	1639	1641	rVV	211229	217577	1.23%	0.259%
31	11.763	1641	1645	1647	rVV2	851222	923435	5.23%	1.099%
32	11.780	1647	1648	1654	rVB	401496	327979	1.86%	0.390%
33	11.945	1674	1676	1679	rBV	295342	295546	1.67%	0.352%
34	11.975	1679	1681	1685	rVB	252317	221827	1.26%	0.264%
35	12.198	1715	1719	1722	rBV	391542	431330	2.44%	0.513%
36	12.257	1722	1729	1731	rVV	10883157	17656084	100.00%	21.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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	12.280	1731	1733	1738	rVV2	11197831	10033233	56.83%	11.942%
38	12.351	1741	1745	1746	rVV	3008917	2755782	15.61%	3.280%
39	12.369	1746	1748	1750	rVV	3706471	3073714	17.41%	3.658%
40	12.398	1750	1753	1754	rVV	815953	938140	5.31%	1.117%
41	12.410	1754	1755	1761	rVB3	748528	814541	4.61%	0.969%
42	12.510	1769	1772	1777	rVB2	191739	207012	1.17%	0.246%
43	12.598	1781	1787	1789	rBV	3286726	3686284	20.88%	4.387%
44	12.645	1793	1795	1800	rVB2	179112	232157	1.31%	0.276%
45	12.716	1803	1807	1808	rBV	197730	200279	1.13%	0.238%
46	12.739	1808	1811	1818	rVB	2085895	1910790	10.82%	2.274%
47	12.810	1818	1823	1827	rBV2	278574	471587	2.67%	0.561%
48	12.898	1835	1838	1839	rBV2	234837	254134	1.44%	0.302%
49	12.922	1839	1842	1845	rVB	595430	563542	3.19%	0.671%
50	12.986	1848	1853	1856	rBV	617562	599284	3.39%	0.713%
51	13.022	1856	1859	1862	rVV2	432376	400275	2.27%	0.476%
52	13.069	1864	1867	1870	rVB2	245763	228558	1.29%	0.272%
53	13.110	1871	1874	1877	rVB	256610	242699	1.37%	0.289%
54	13.145	1877	1880	1883	rBV	280680	303526	1.72%	0.361%
55	13.421	1925	1927	1932	rVB	193171	231563	1.31%	0.276%
56	13.533	1943	1946	1949	rVB	302322	274242	1.55%	0.326%
57	13.633	1961	1963	1967	rVB2	234642	229386	1.30%	0.273%
58	13.733	1978	1980	1983	rBV	217350	215064	1.22%	0.256%
59	13.780	1983	1988	1992	rVV2	1907747	2812649	15.93%	3.348%
60	13.816	1992	1994	2000	rVB	1817306	1469003	8.32%	1.748%
61	13.892	2005	2007	2009	rVB	292841	227311	1.29%	0.271%
62	14.168	2050	2054	2058	rVV2	547577	730281	4.14%	0.869%
63	14.204	2058	2060	2064	rVV	221303	205896	1.17%	0.245%
64	14.263	2068	2070	2073	rVV2	286784	291609	1.65%	0.347%
65	14.292	2073	2075	2077	rVV2	238694	255598	1.45%	0.304%
66	14.316	2077	2079	2082	rVV2	222820	199284	1.13%	0.237%
67	14.357	2083	2086	2094	rVB5	180006	326535	1.85%	0.389%
68	14.798	2155	2161	2167	rBV	1147342	2247228	12.73%	2.675%
69	15.068	2203	2207	2212	rVB	653215	783269	4.44%	0.932%
70	15.127	2212	2217	2221	rVV	973800	1177248	6.67%	1.401%
71	15.180	2222	2226	2228	rVV	383316	448137	2.54%	0.533%
72	15.204	2228	2230	2237	rVB2	340399	447195	2.53%	0.532%
73	16.504	2446	2451	2458	rVB2	306081	564025	3.19%	0.671%
74	16.898	2513	2518	2524	rBV	211408	361303	2.05%	0.430%

Sum of corrected areas: 84019801

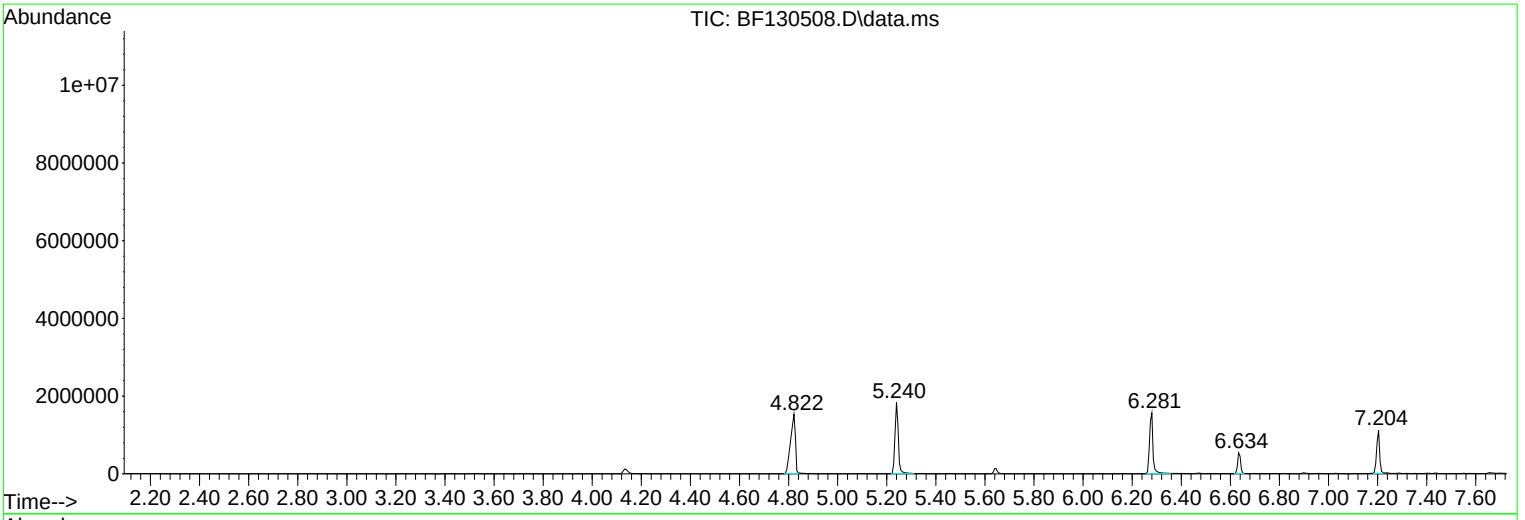
Instrument :
BNA_F
ClientSampleId :
SU-03-092922

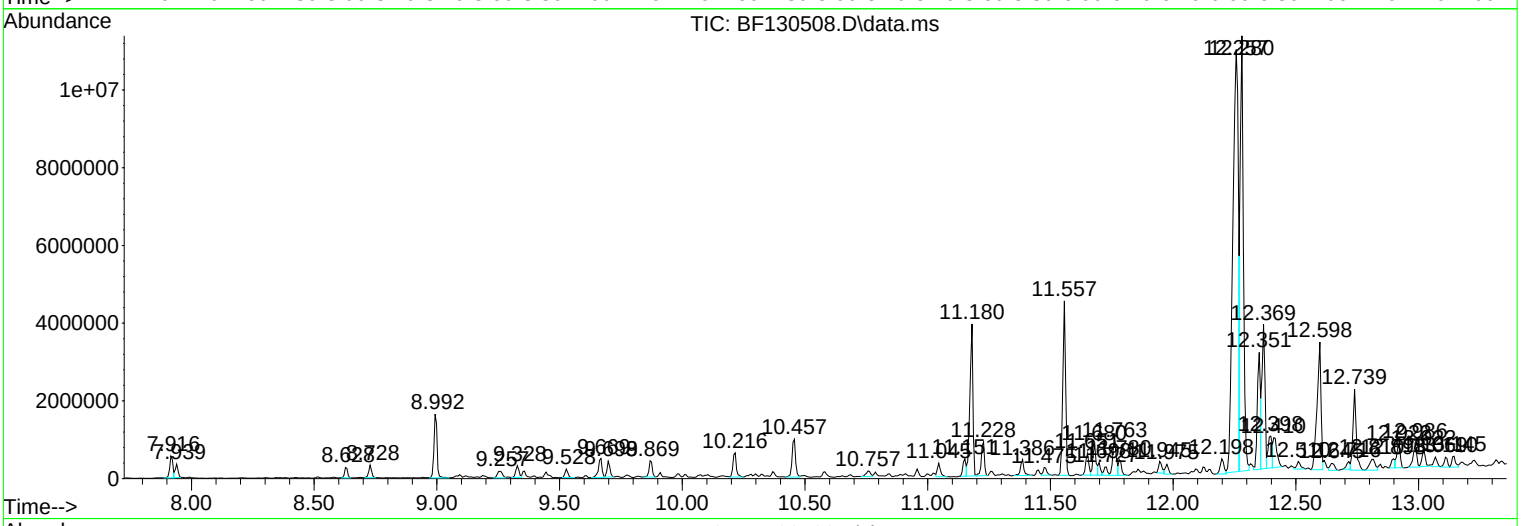
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

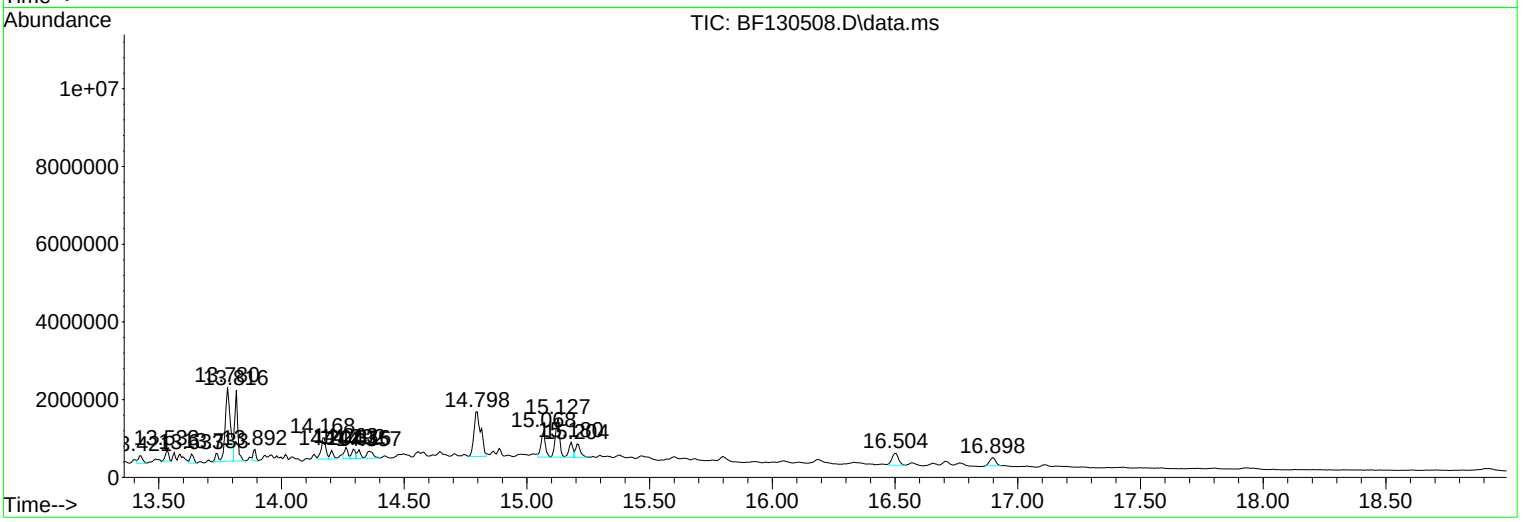
Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

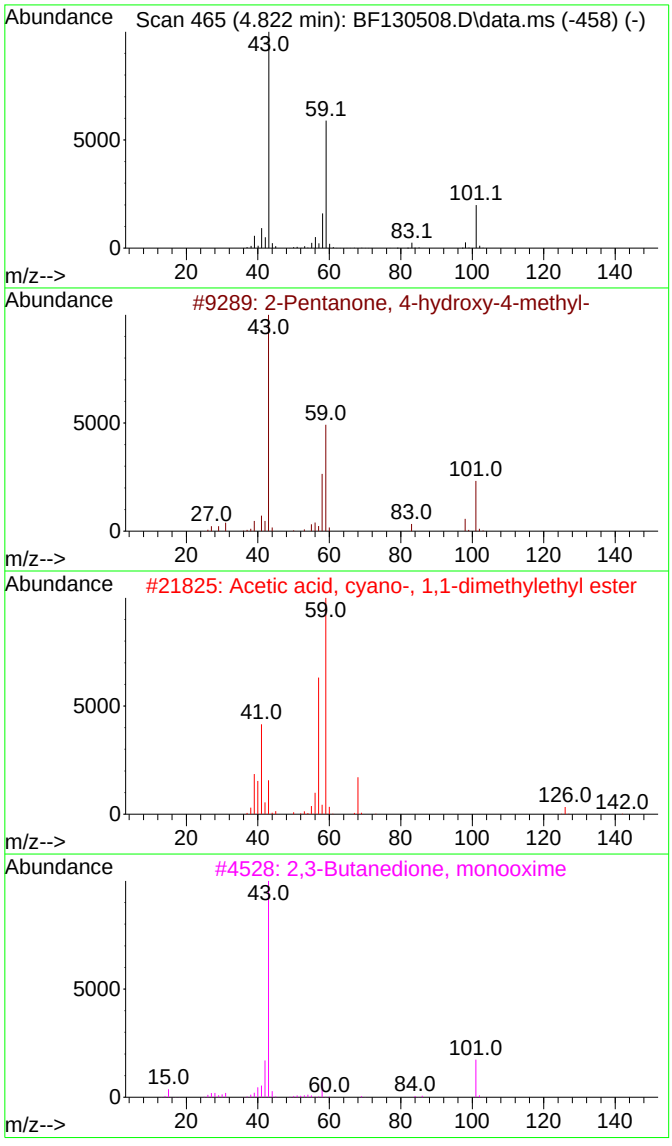
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

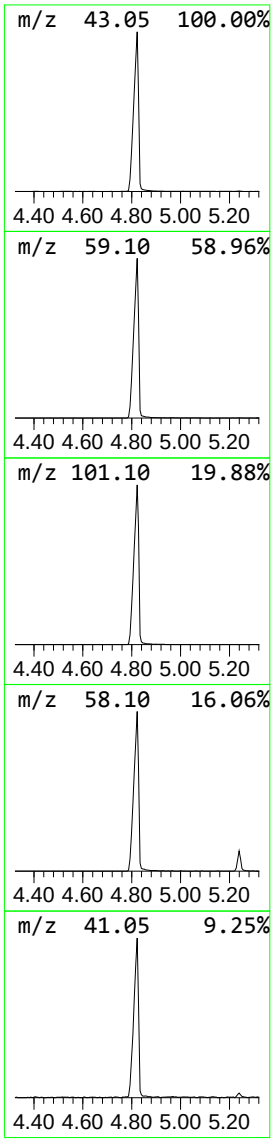
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	92.43 ng	2094740	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

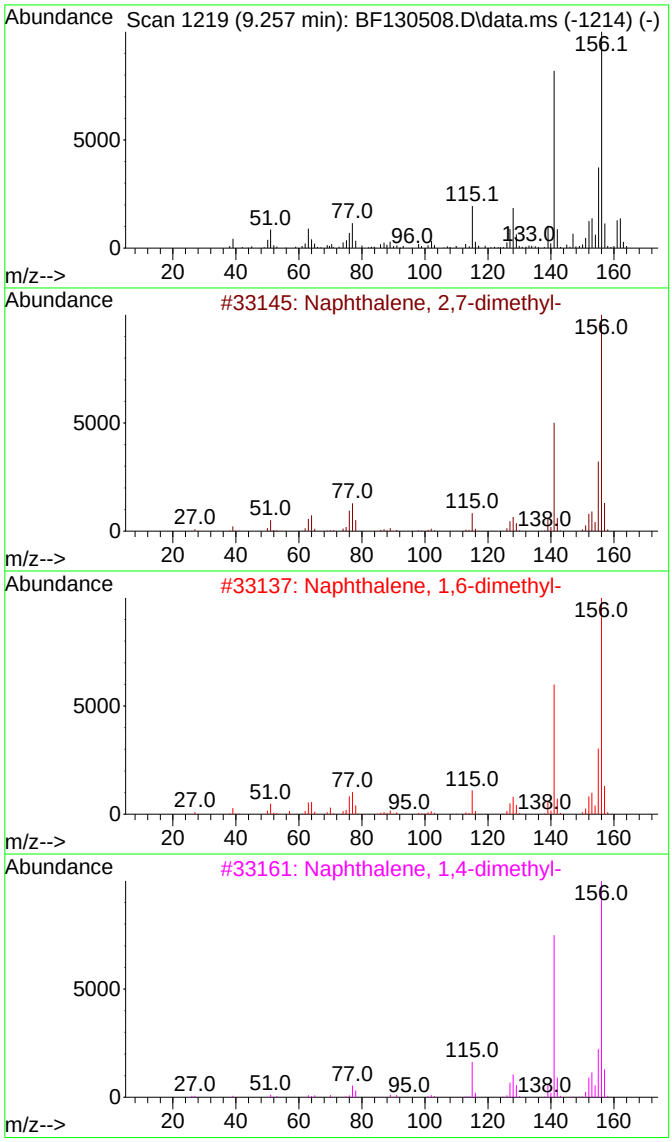
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

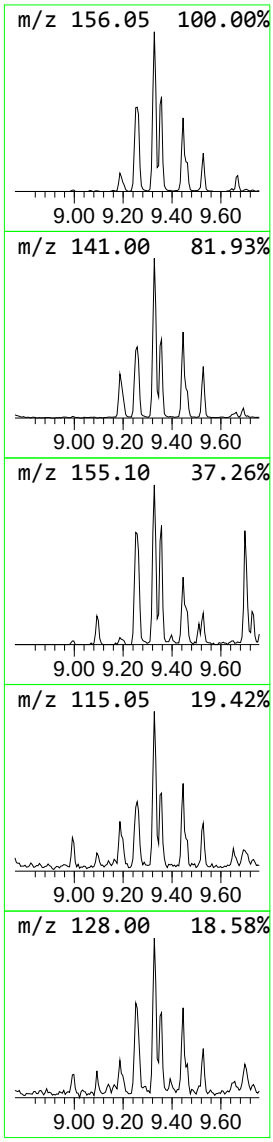
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	9.78 ng	247834	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

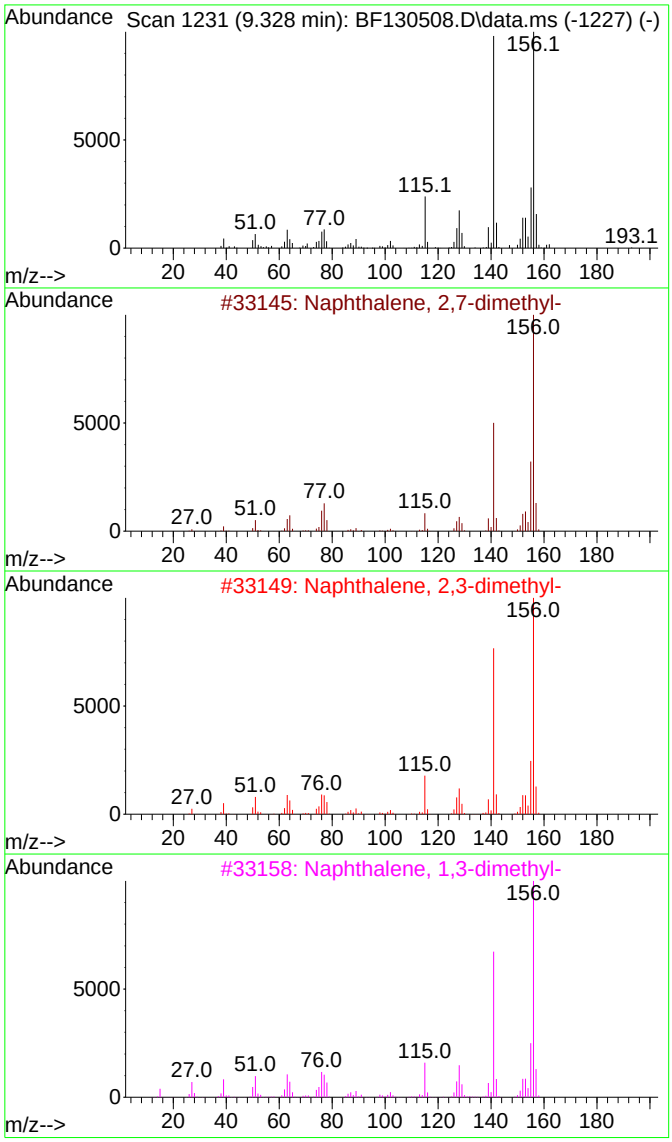
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

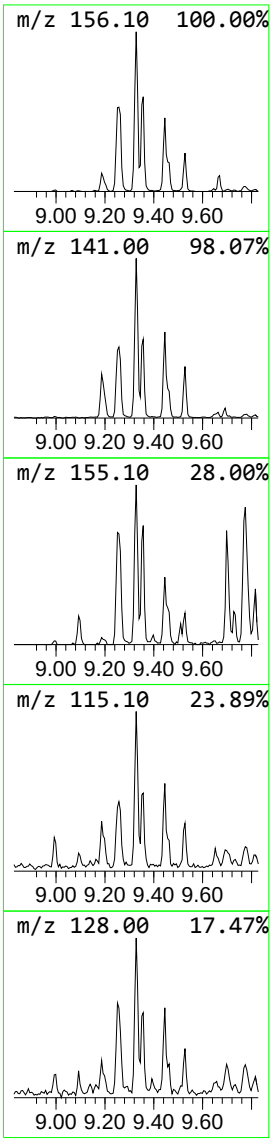
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	11.68 ng	295881	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

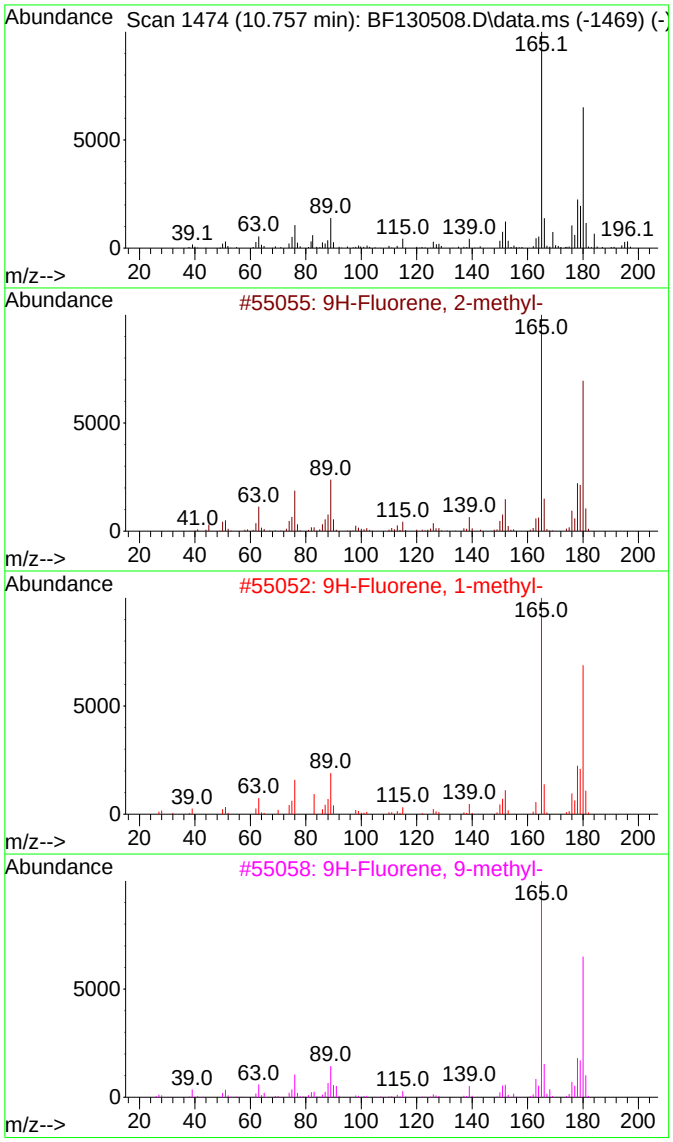
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

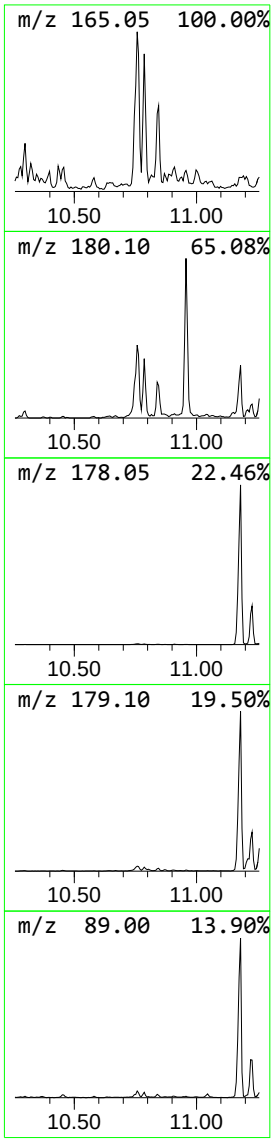
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	9.28 ng	191080	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

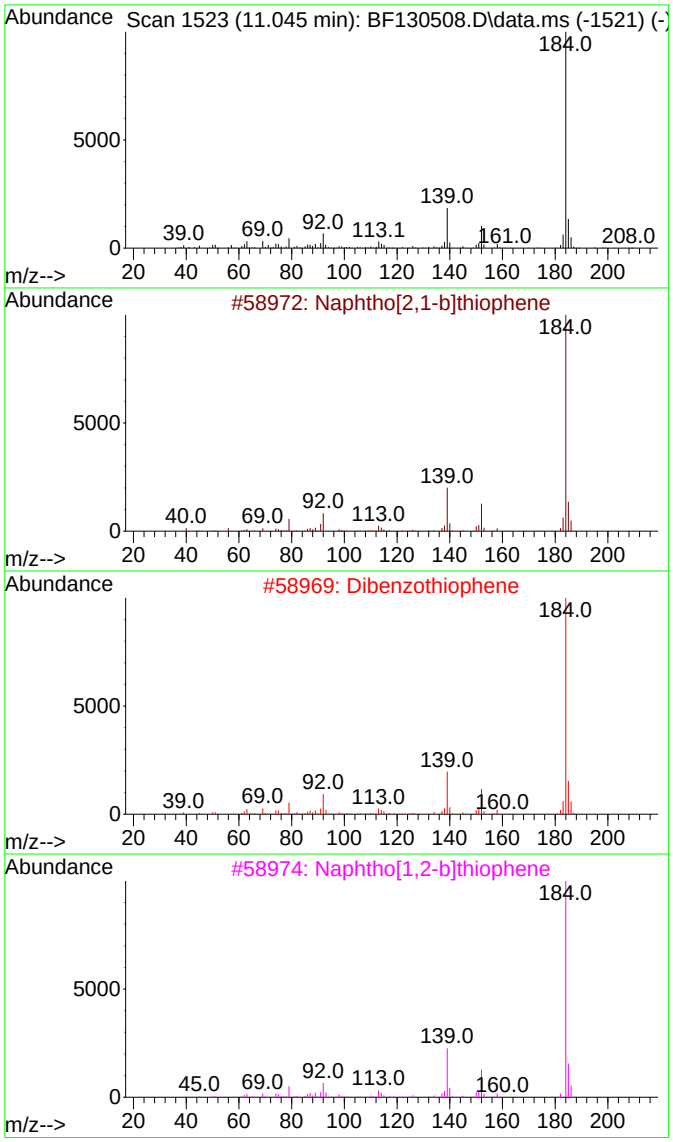
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

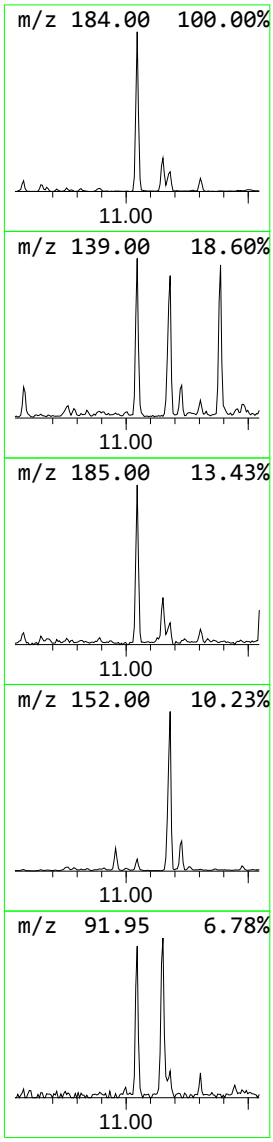
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	14.96 ng	307932	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

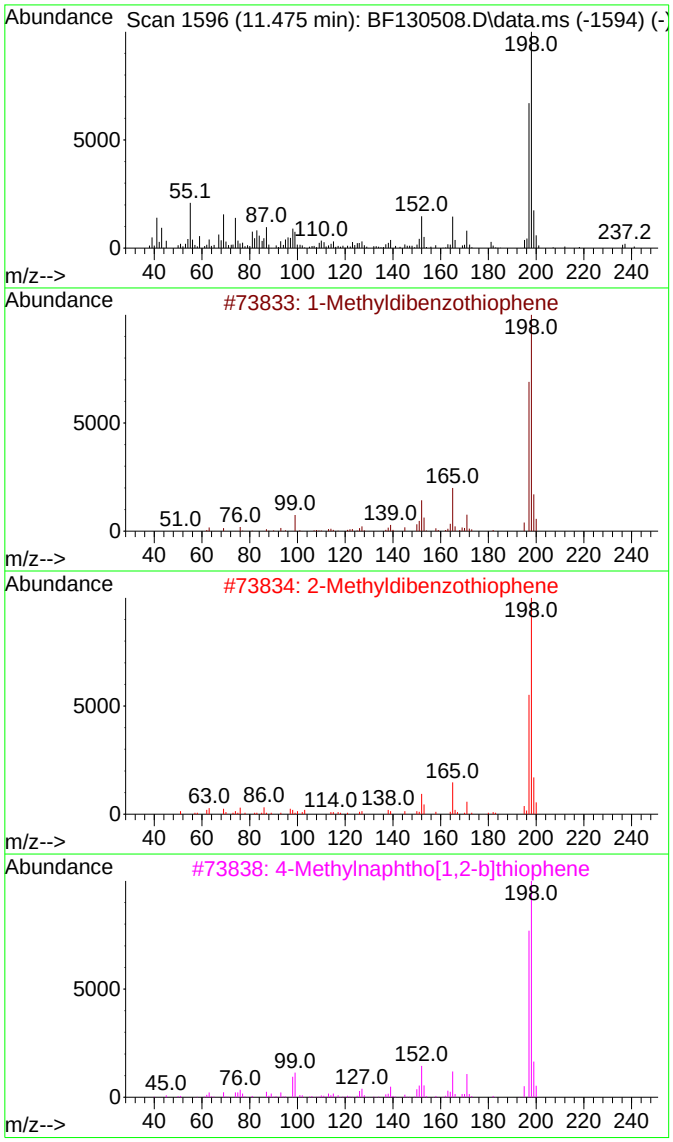
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

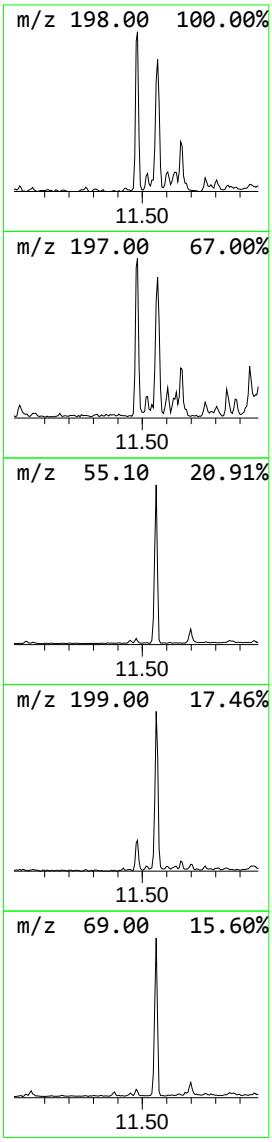
****

Peak Number 6 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.475	9.67 ng	199111	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	96
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	95
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

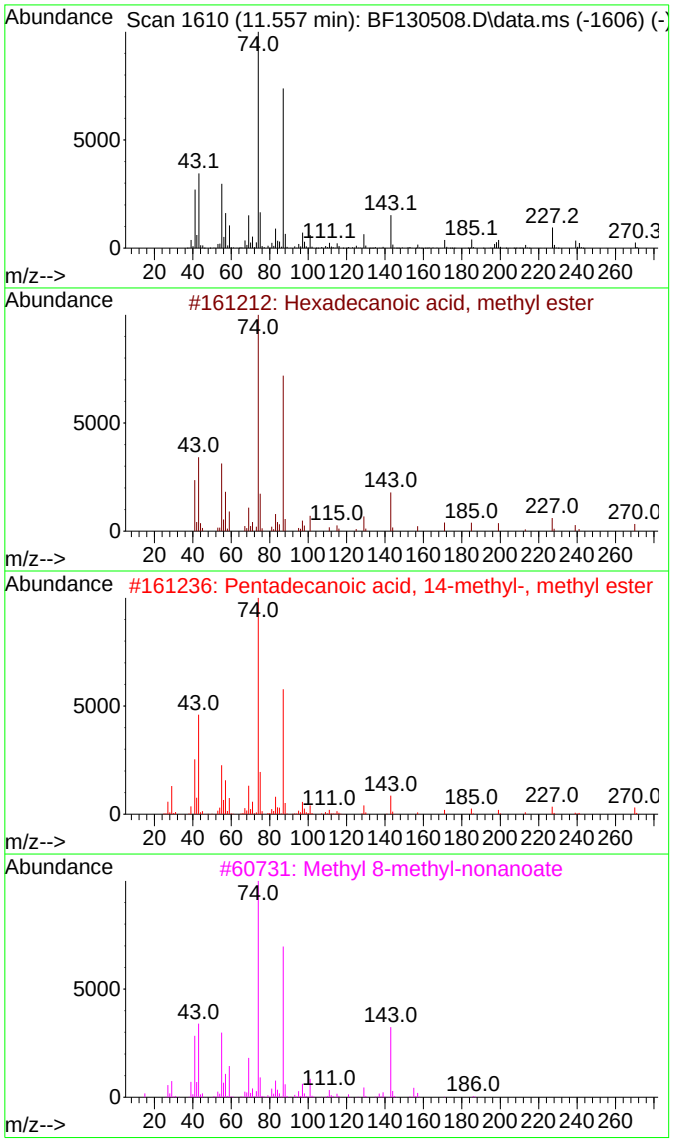
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

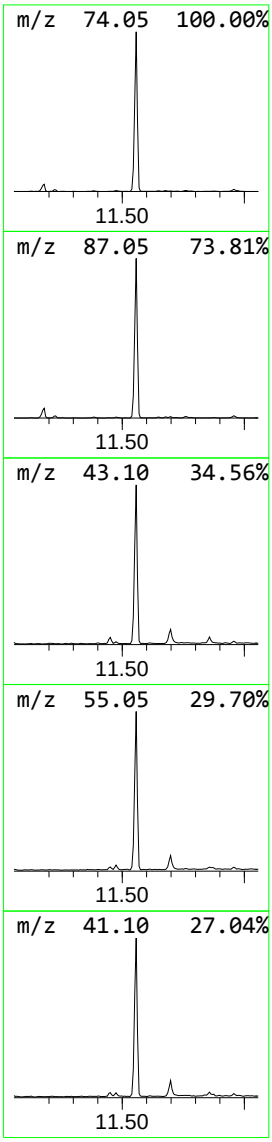
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	173.28 ng	3566390	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

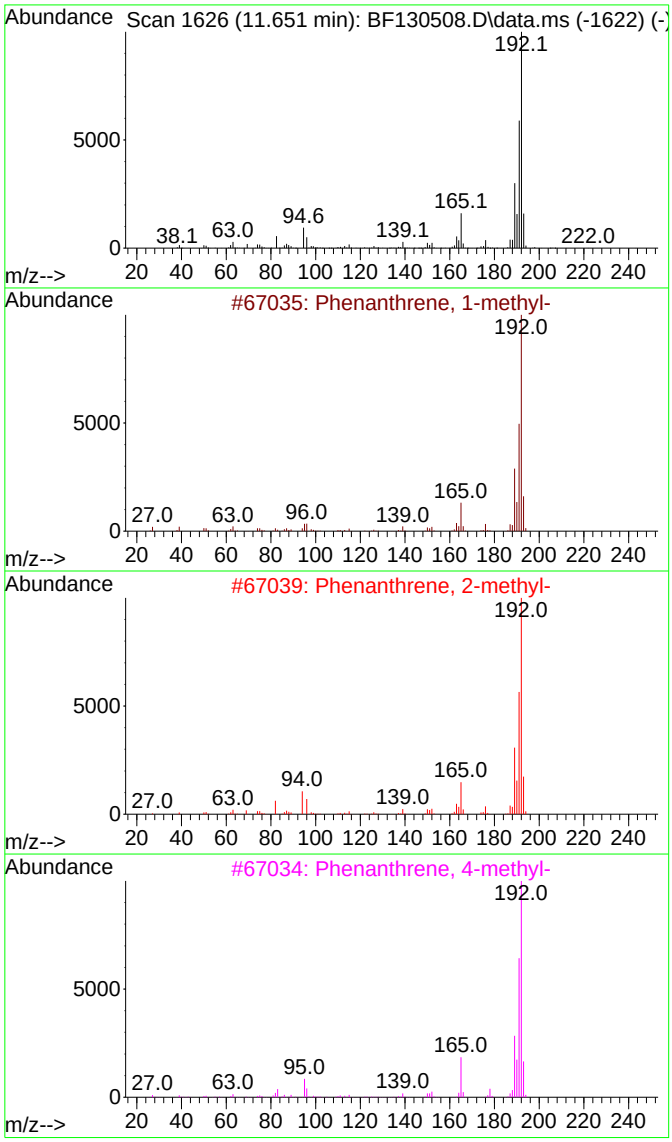
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

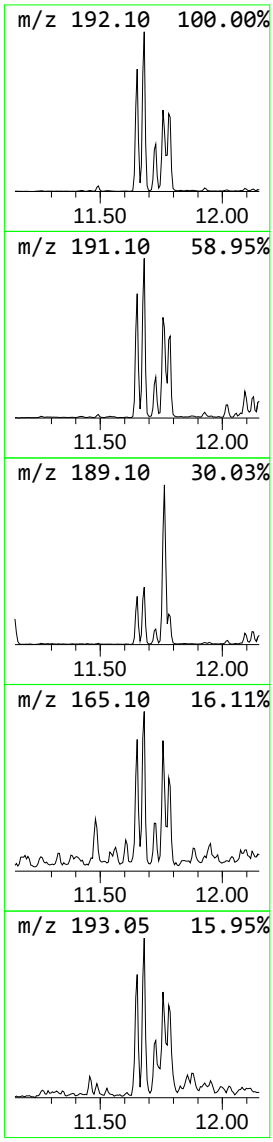
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	24.02 ng	494357	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

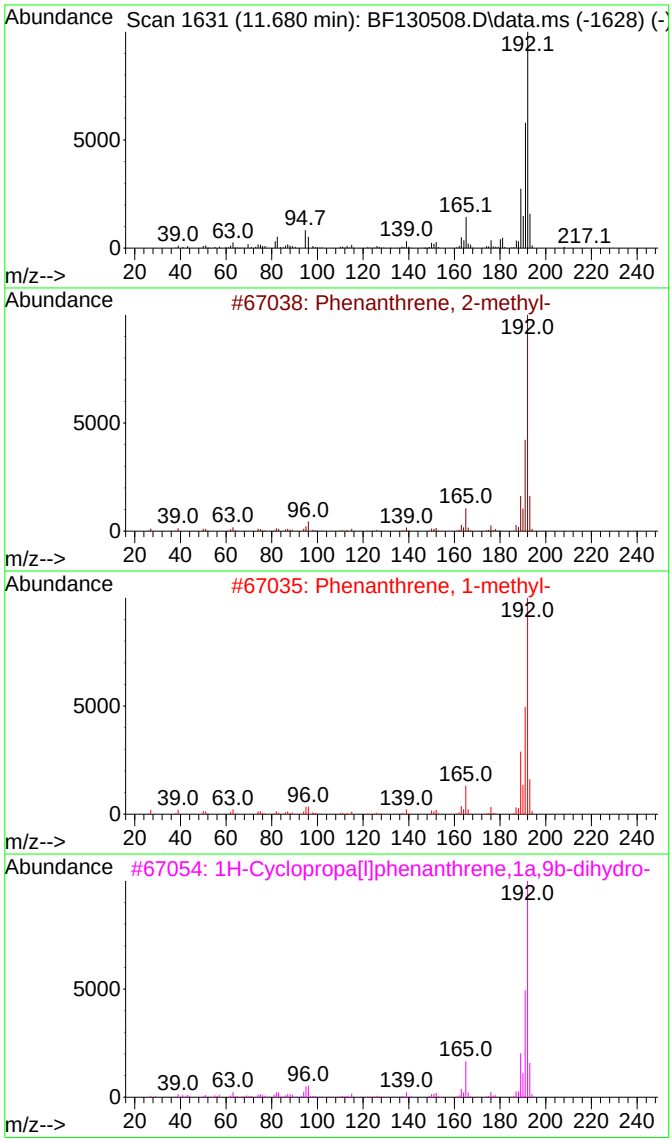
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

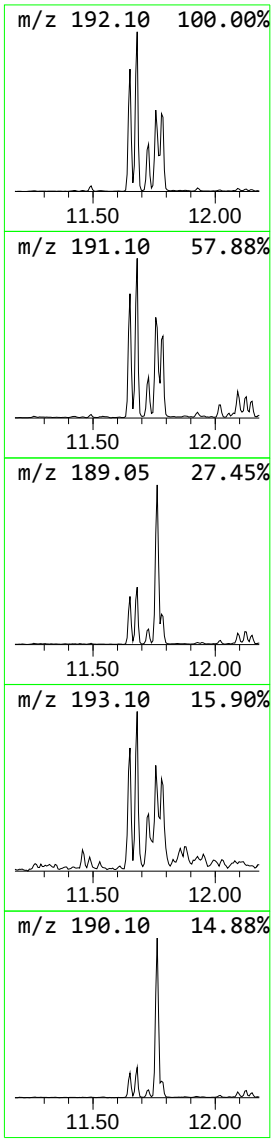
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	34.66 ng	713398	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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

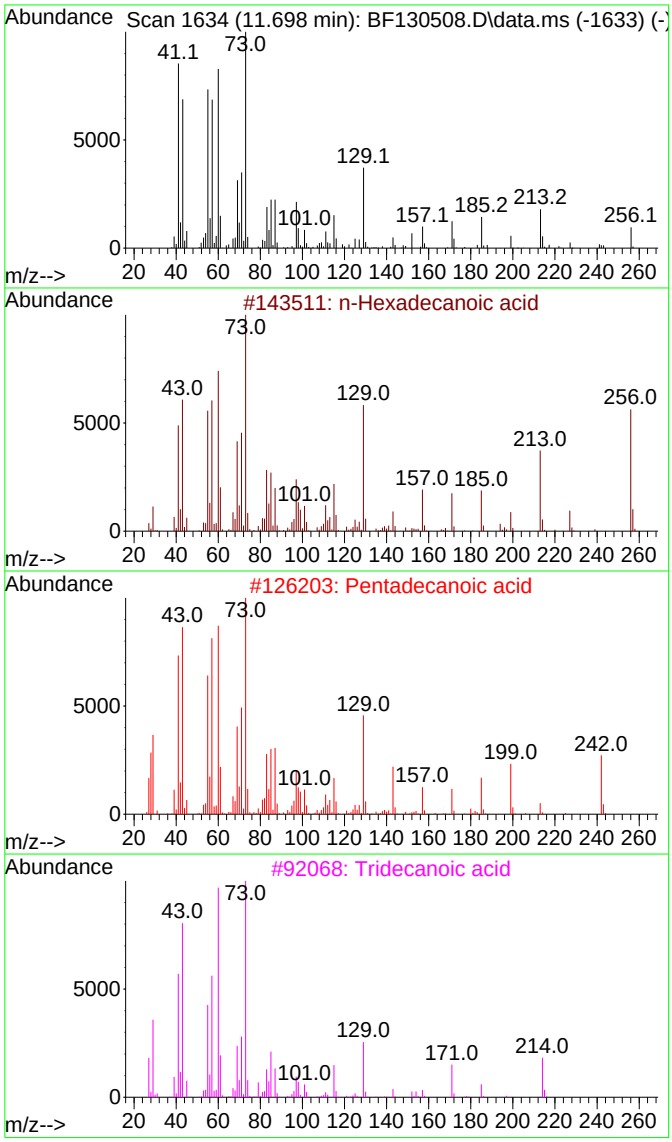
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

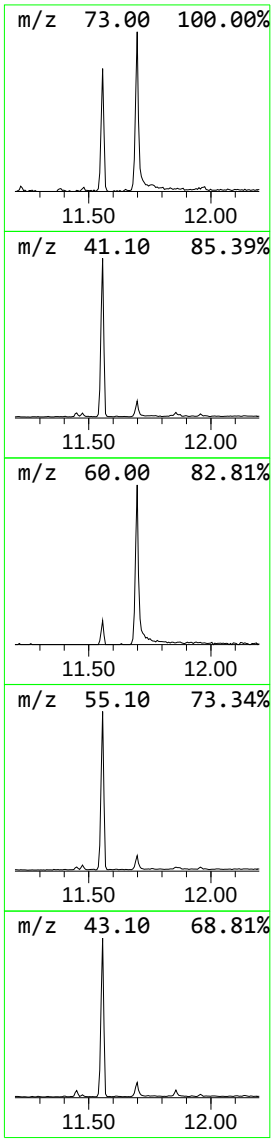
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	9.30 ng	191469	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

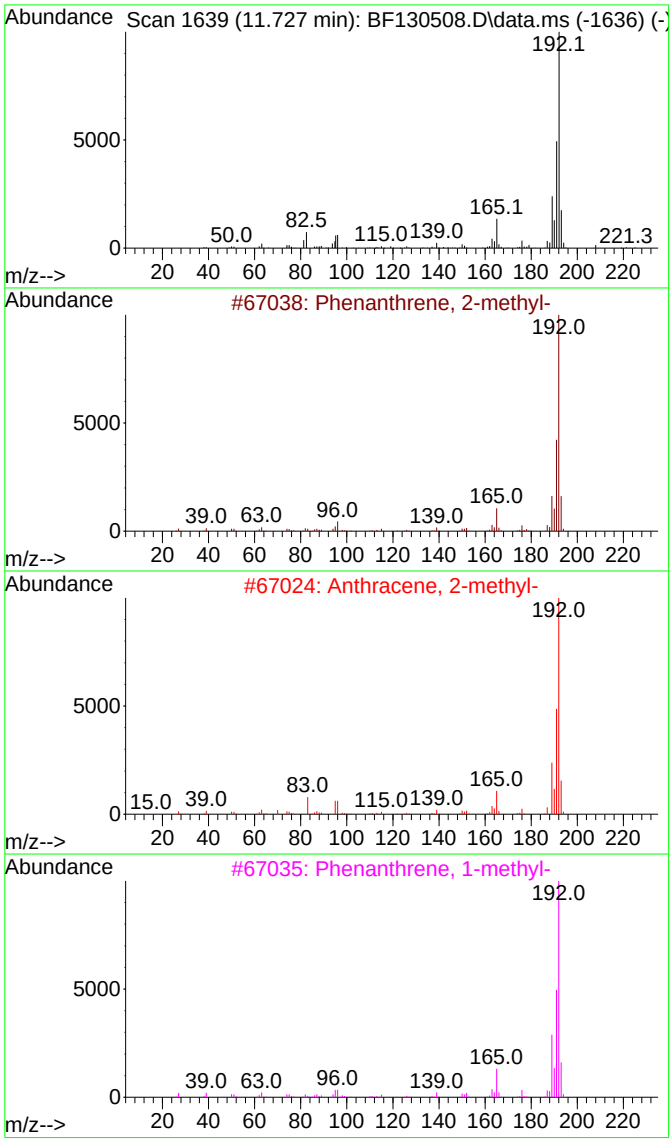
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

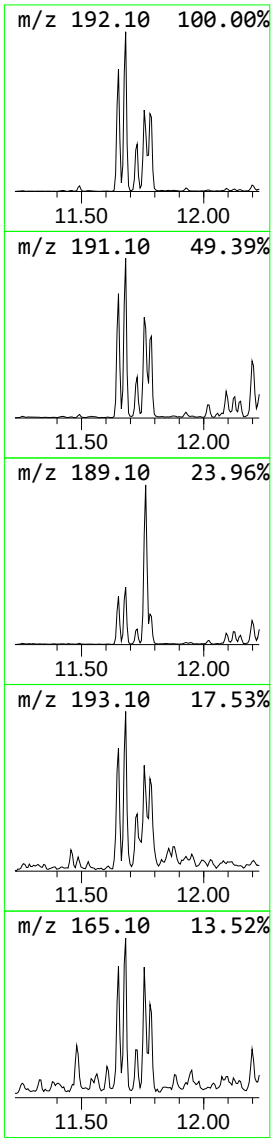
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	10.57 ng	217577	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

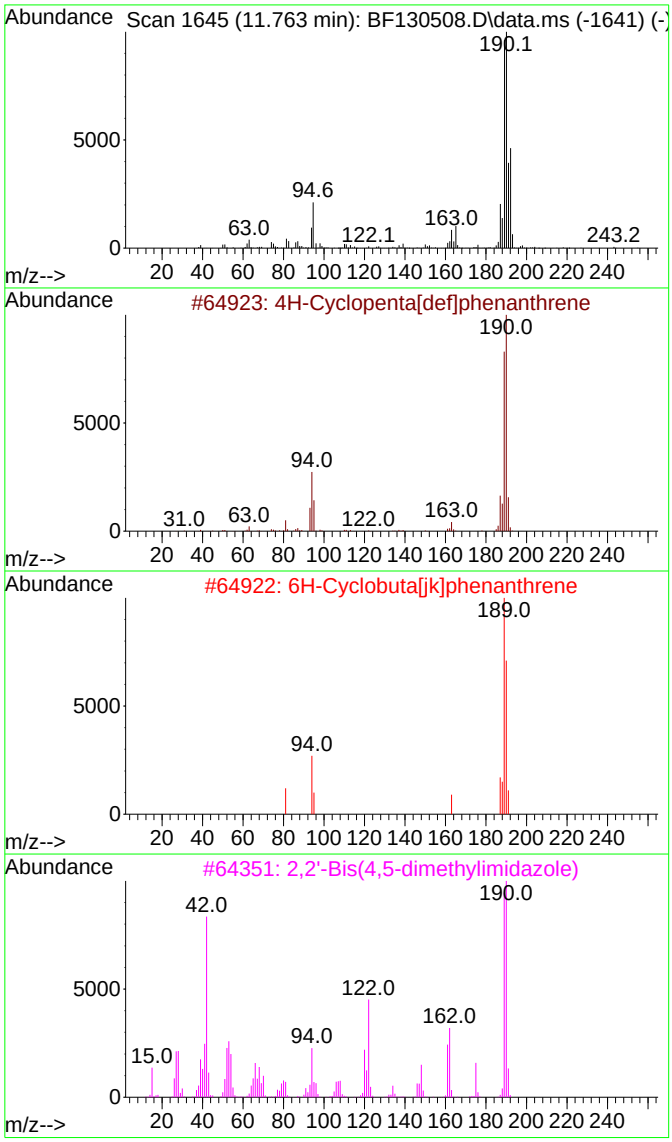
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

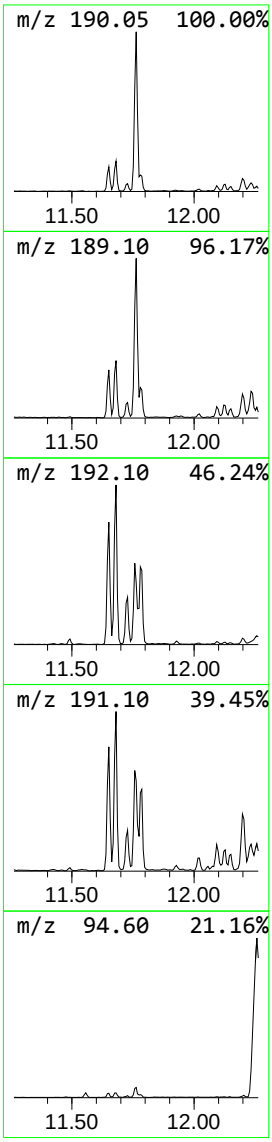
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	44.87 ng	923435	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

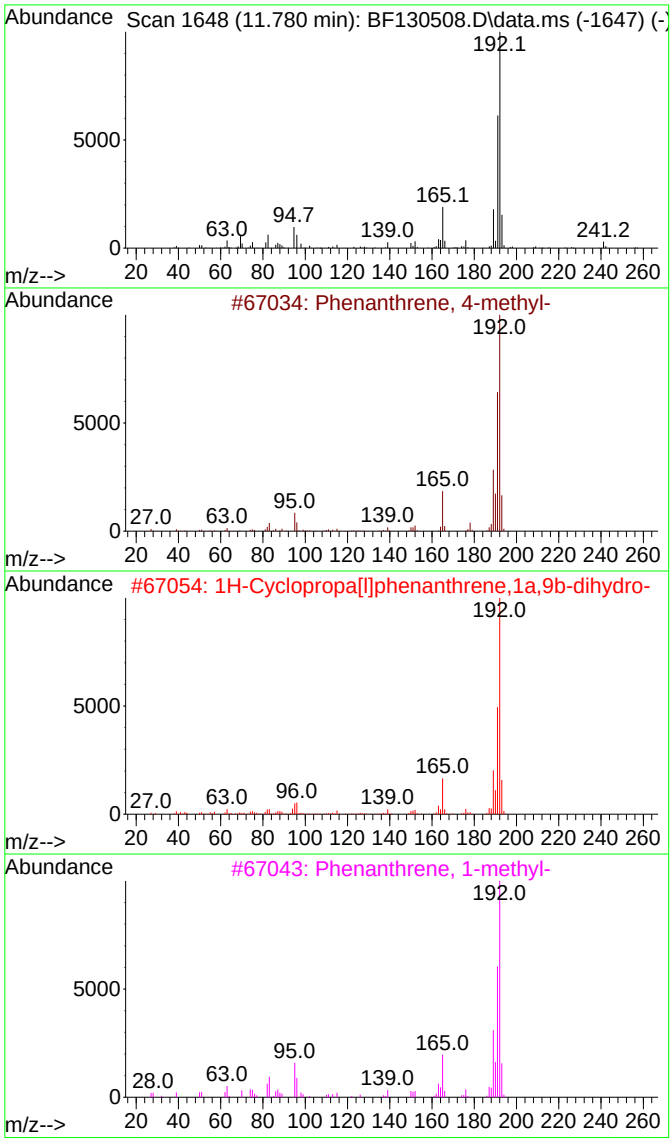
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

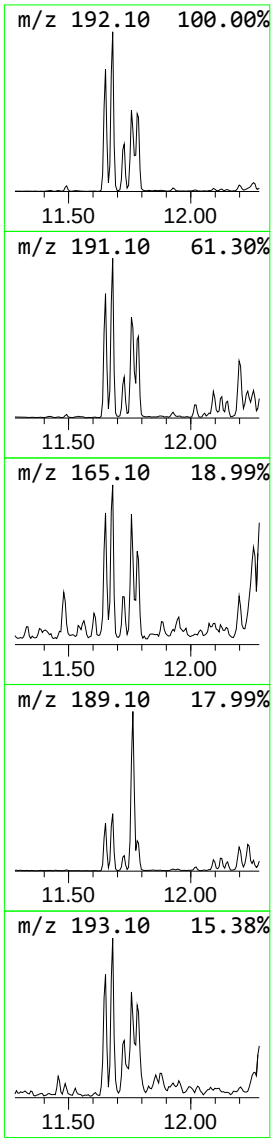
****

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	15.94 ng	327979	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

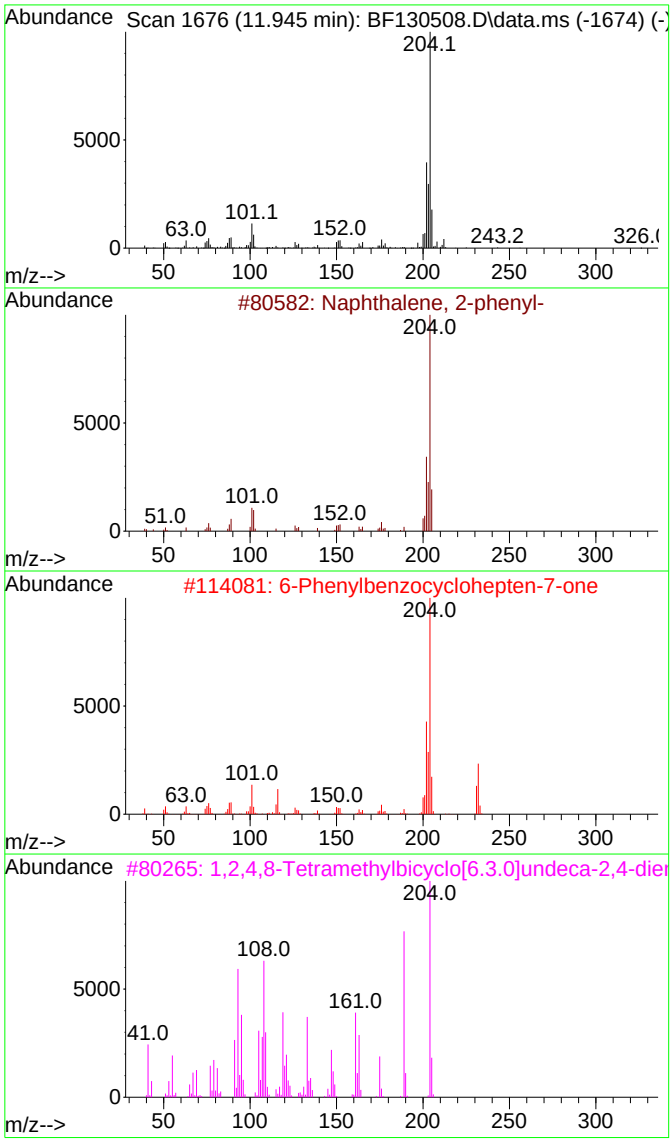
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

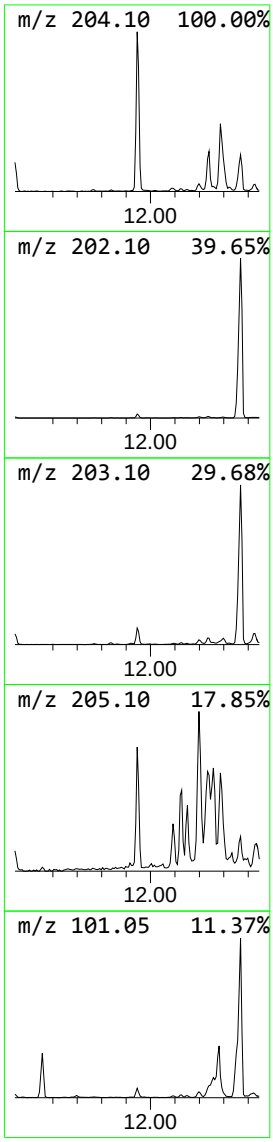
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	14.36 ng	295546	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

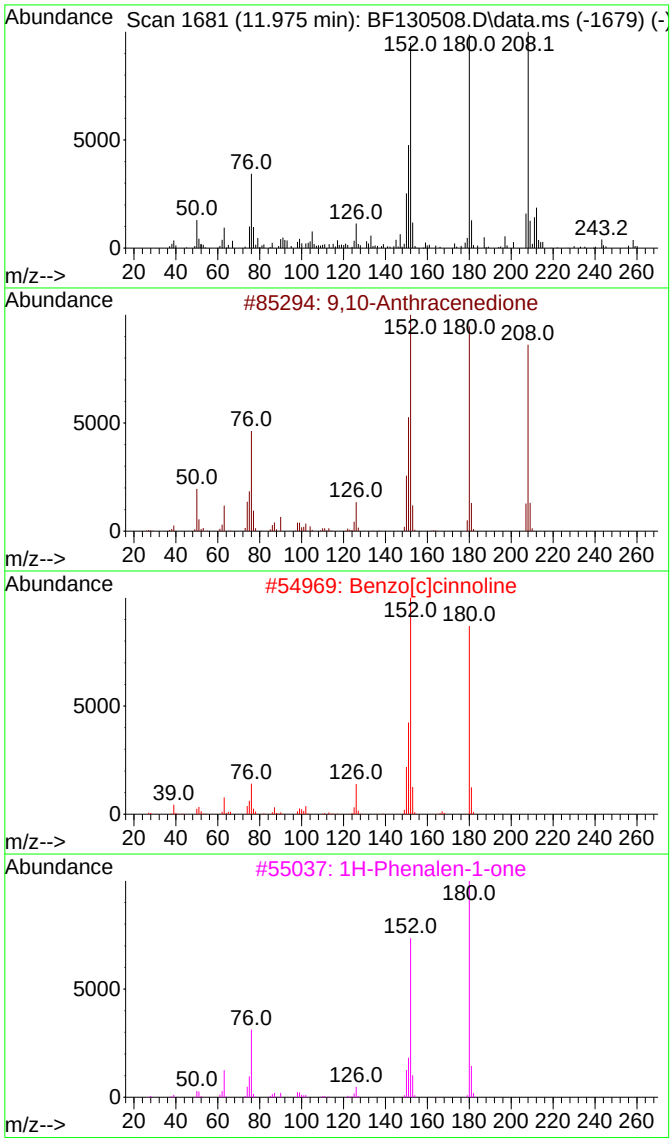
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

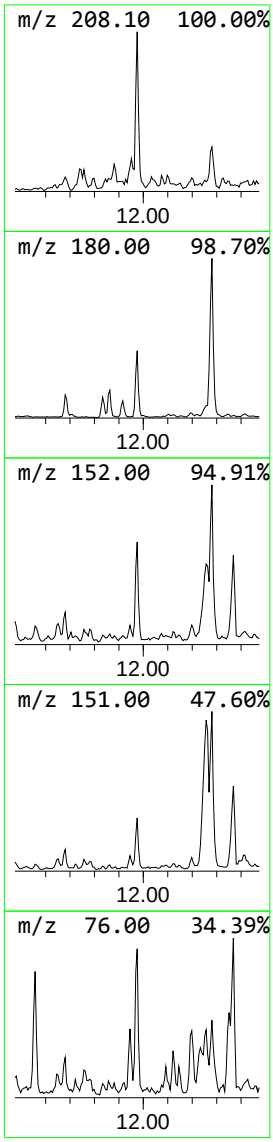
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	10.78 ng	221827	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

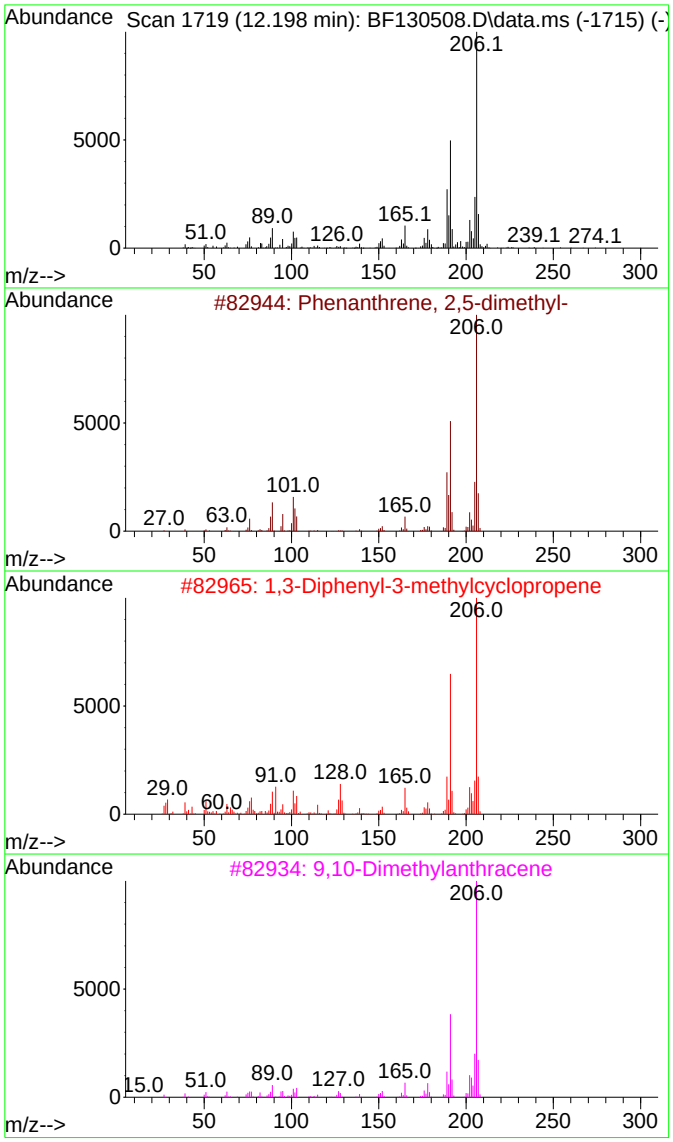
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

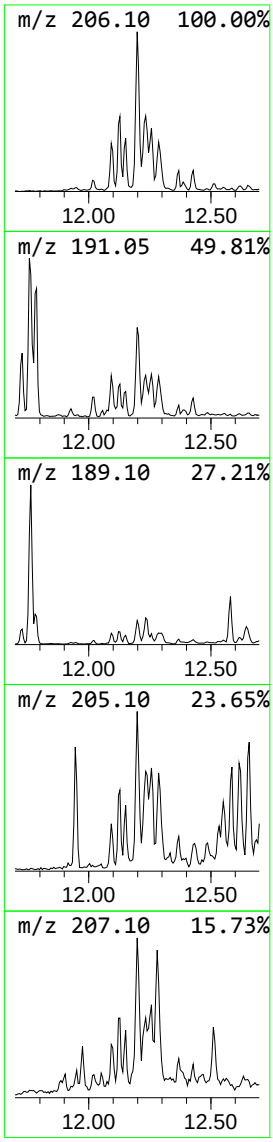
****

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	20.96 ng	431330	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

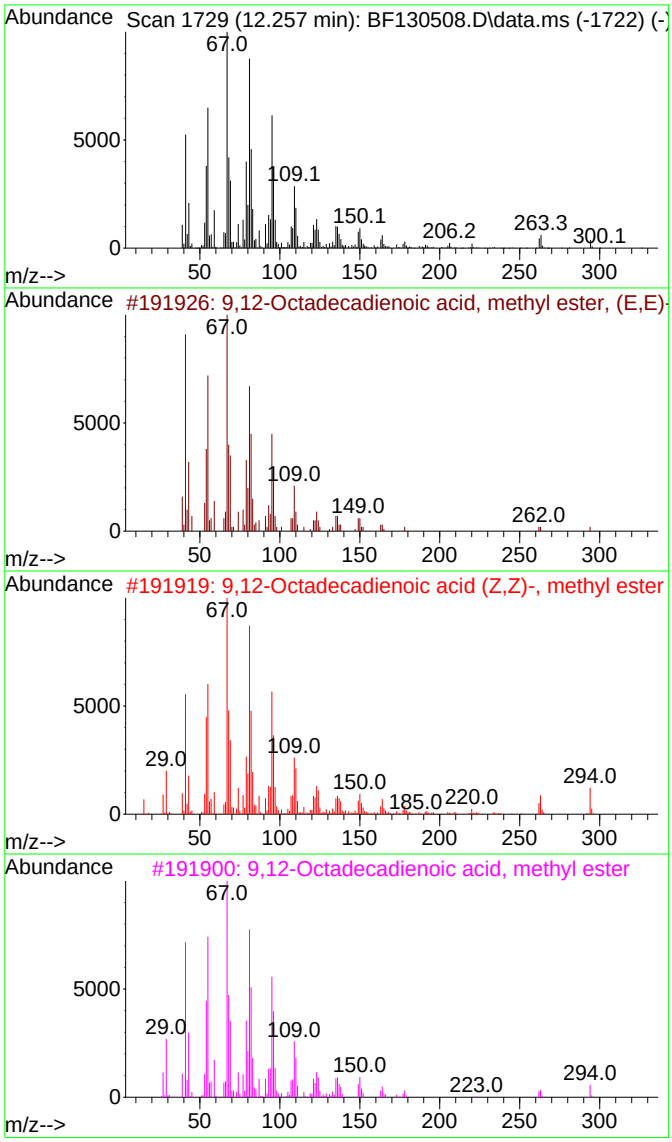
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

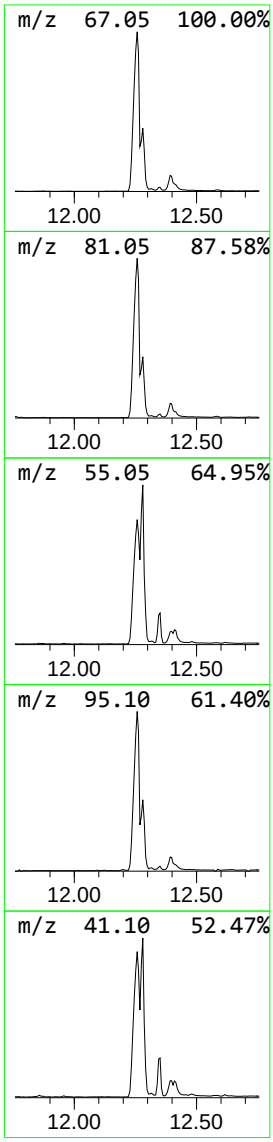
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	857.84 ng	17656100	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

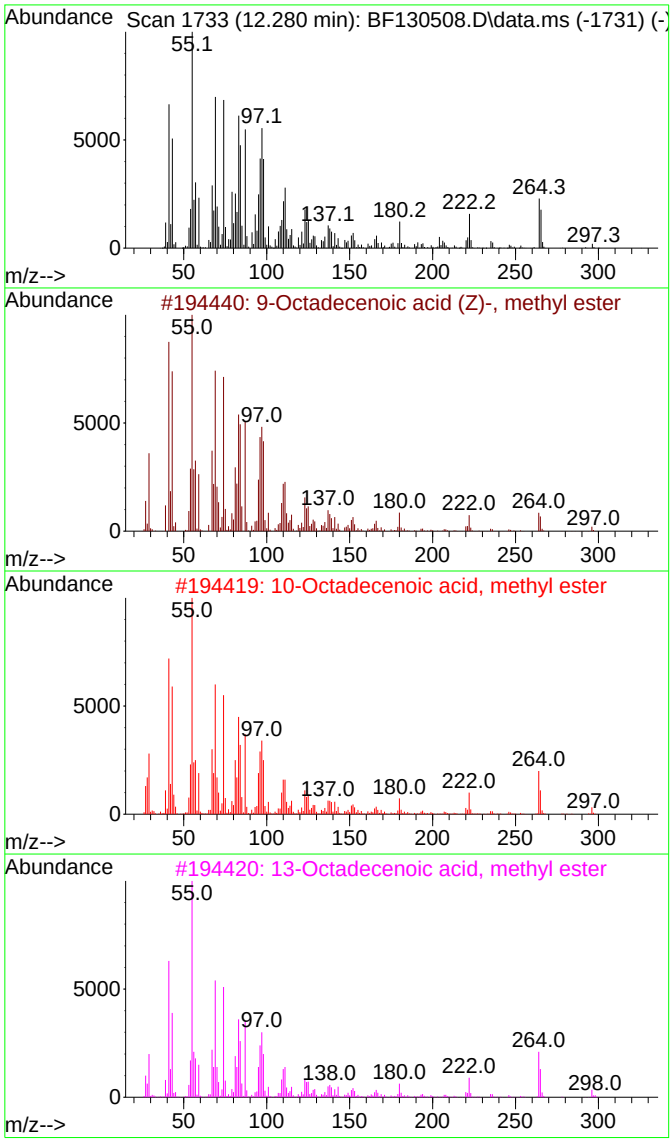
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

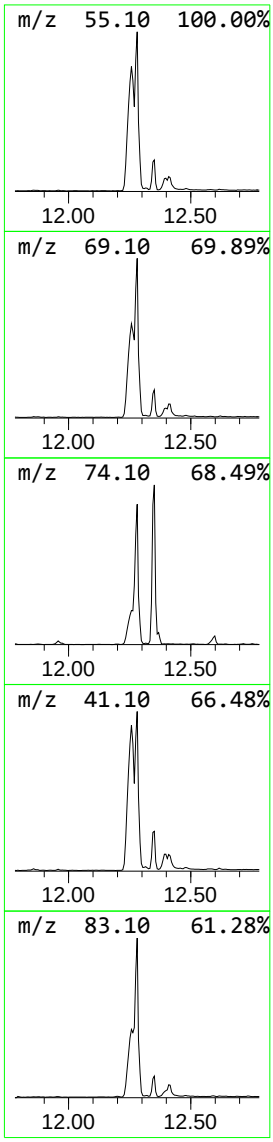
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	487.48 ng	10033200	Phenanthrene-d10	11.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

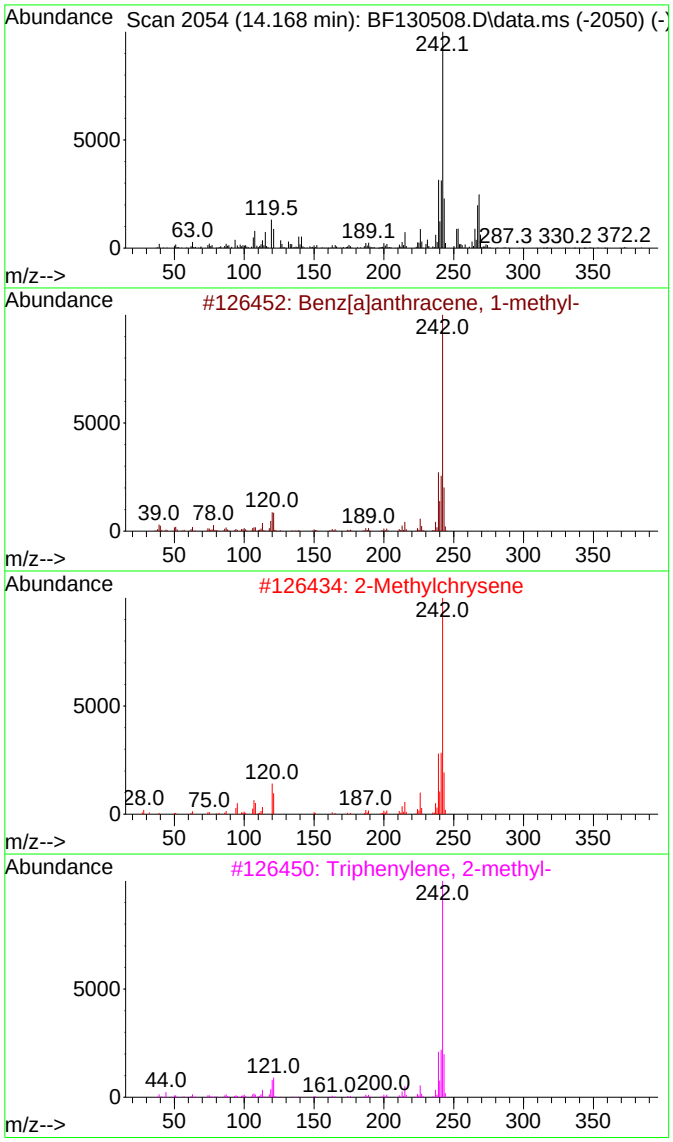
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

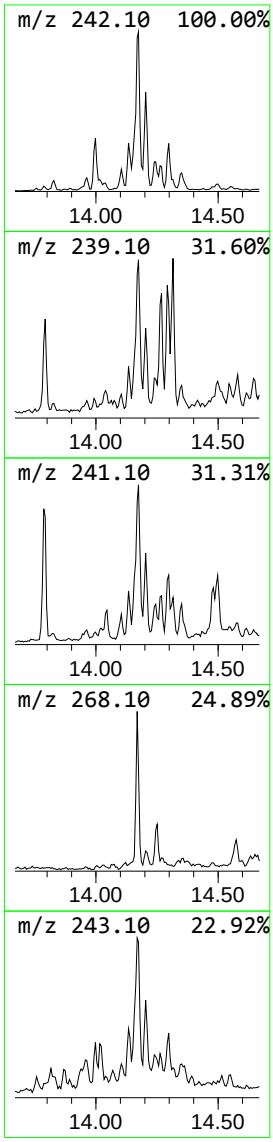
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz[a]anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	5.19 ng	730281	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	95
2	2-Methylchrysene	242	C19H14	003351-32-4	92
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	91
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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

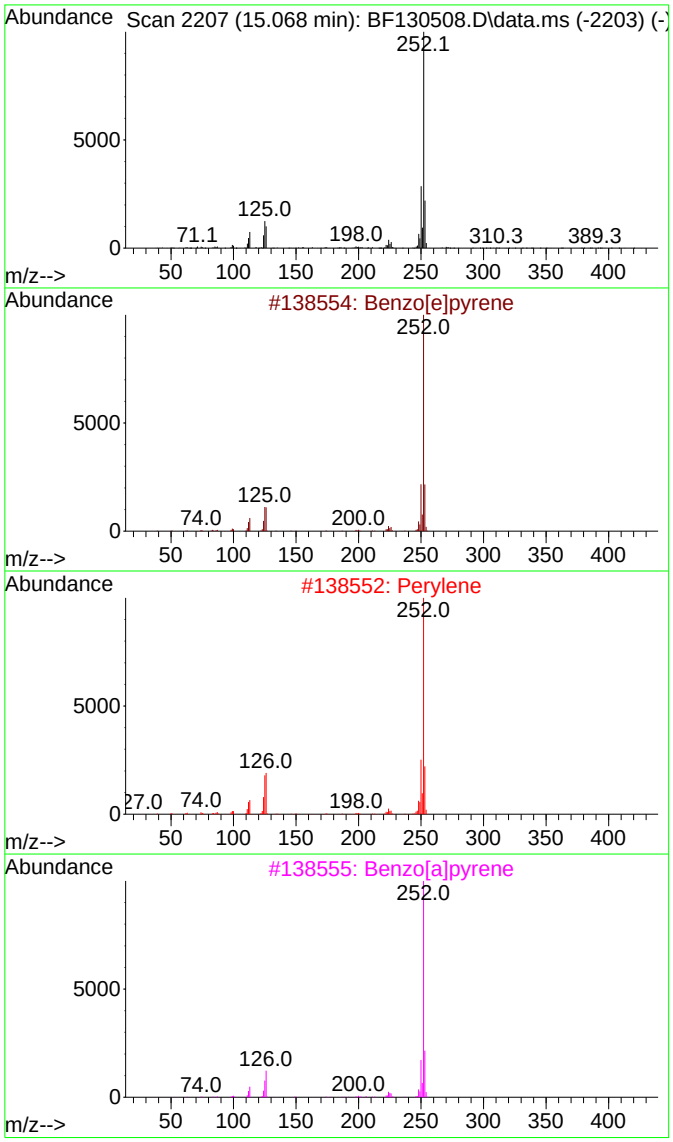
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

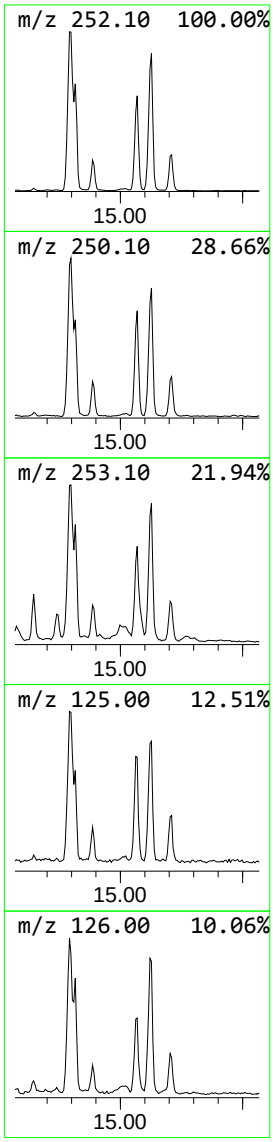
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.068	34.96 ng	783269	Perylene-d12	15.180

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

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	92.4	ng	2094740	1	6.634	453270	20.0
Naphthalene, 2,...	9.257	9.8	ng	247834	3	9.669	506712	20.0
Naphthalene, 2,...	9.328	11.7	ng	295881	3	9.669	506712	20.0
9H-Fluorene, 2-...	10.757	9.3	ng	191080	4	11.151	411639	20.0
Naphtho[2,1-b]t...	11.045	15.0	ng	307932	4	11.151	411639	20.0
1-Methyldibenzo...	11.475	9.7	ng	199111	4	11.151	411639	20.0
Hexadecanoic ac...	11.557	173.3	ng	3566390	4	11.151	411639	20.0
Phenanthrene, 1...	11.651	24.0	ng	494357	4	11.151	411639	20.0
Phenanthrene, 2...	11.680	34.7	ng	713398	4	11.151	411639	20.0
n-Hexadecanoic ...	11.698	9.3	ng	191469	4	11.151	411639	20.0
Anthracene, 2-m...	11.727	10.6	ng	217577	4	11.151	411639	20.0
4H-Cyclopenta[d...	11.763	44.9	ng	923435	4	11.151	411639	20.0
Phenanthrene, 4...	11.780	15.9	ng	327979	4	11.151	411639	20.0
Naphthalene, 2-...	11.945	14.4	ng	295546	4	11.151	411639	20.0
9,10-Anthracene...	11.975	10.8	ng	221827	4	11.151	411639	20.0
Phenanthrene, 2...	12.198	21.0	ng	431330	4	11.151	411639	20.0
9,12-Octadecadi...	12.257	857.8	ng	17656100	4	11.151	411639	20.0
9-Octadecenoic ...	12.280	487.5	ng	10033200	4	11.151	411639	20.0
Benz[a]anthrace...	14.169	5.2	ng	730281	5	13.786	2812650	20.0
Benzo[e]pyrene	15.068	35.0	ng	783269	6	15.180	448137	20.0