LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	455	458	464	rVB	20654	25362	1.06%	0.073%
2	5.416	529	532	544	rBV	1800187	1653900	68.88%	4.779%
3	6.439	702	706	715	rBV	1677780	1658910	69.09%	4.794%
4	6.781	760	764	767	rBV	611153	467782	19.48%	1.352%
5	7.345	856	860	863	rBV	1247982	1089033	45.36%	3.147%
6	8.063	979	982	985	rBV	715655	540845	22.52%	1.563%
7	9.139	1161	1165	1168	rBV	2141571	1842958	76.75%	5.326%
8	9.216	1173	1178	1181	rBV4	21448	26853	1.12%	0.078%
9	9.475	1220	1222	1225	rBV	43539	38924	1.62%	0.112%
10	9.586	1237	1241	1247	rVB5	23107	41063	1.71%	0.119%
11	9.680	1254	1257	1261	rBV	157114	135606	5.65%	0.392%
12	9.822	1277	1281	1284	rBV	657744	530673	22.10%	1.534%
13	9.851	1284	1286	1289	rVB	61035	50516	2.10%	0.146%
14	9.939	1295	1301	1304	rBV4	33571	46802	1.95%	0.135%
15	10.063	1320	1322	1328	rVB3	28794	27009	1.12%	0.078%
16	10.133	1331	1334	1337	rBV2	32252	36426	1.52%	0.105%
17	10.227	1346	1350	1351	rBV3	24149	27372	1.14%	0.079%
18	10.245	1351	1353	1356	rVB	38560	33701	1.40%	0.097%
19	10.369	1371	1374	1379	rVB	56978	62008	2.58%	0.179%
20	10.522	1398	1400	1403	rVB	32068	25382	1.06%	0.073%
21	10.616	1412	1416	1419	rBV	925289	833514	34.71%	2.409%
22	10.733	1431	1436	1439	rBV3	81819	114166	4.75%	0.330%
23	10.916	1463	1467	1469	rBV4	36063	42754	1.78%	0.124%
24	11.069	1491	1493	1497	rVB2	32093	25466	1.06%	0.074%
25	11.116	1498	1501	1504	rVB	61733	56373	2.35%	0.163%
26	11.169	1505	1510	1513	rBV2	53473	64711	2.70%	0.187%
27	11.204	1513	1516	1521	rVB2	88318	98293	4.09%	0.284%
28	11.263	1523	1526	1530	rBV3	33821	41977	1.75%	0.121%
29	11.310	1530	1534	1536	rBV	626896	521868	21.73%	1.508%
30	11.333	1536	1538	1541	rVV	875894	632180	26.33%	1.827%
31	11.386	1544	1547	1550	rVB	238052	186732	7.78%	0.540%
32	11.416	1550	1552	1555	rBV2	48452	50058	2.08%	0.145%
33	11.522	1567	1570	1571	rBV2	38547	37153	1.55%	0.107%
34	11.545	1571	1574	1579	rVV2	69262	96515	4.02%	0.279%
35	11.604	1581	1584	1588	rVB2	68875	67336	2.80%	0.195%
36	11.639	1588	1590	1598	rBV4	47125	60628	2.52%	0.175%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.698	1598	1600	1603	rBV	79511	65974	2.75%	0.191%
38	11.786	1613	1615	1617	rBV2	35548	32094	1.34%	0.093%
39	11.810	1617	1619	1622	rVV	180079	154306	6.43%	0.446%
40	11.845	1622	1625	1630	rVV2	345264	417662	17.39%	1.207%
41	11.886	1630	1632	1635	rVV	86131	77510	3.23%	0.224%
42	11.921	1635	1638	1641	rVV	335070	360562	15.02%	1.042%
43	11.945	1641	1642	1646	rVB	161071	100945	4.20%	0.292%
44	11.998	1648	1651	1657	rBV4	162170	201641	8.40%	0.583%
45	12.045	1657	1659	1662	rVV2	39471	27789	1.16%	0.080%
46	12.110	1667	1670	1672	rVV	136457	138210	5.76%	0.399%
47	12.139	1672	1675	1679	rVB	141732	132520	5.52%	0.383%
48	12.239	1689	1692	1693	rBV2	37499	36596	1.52%	0.106%
49	12.257	1693	1695	1697	rVB	55175	43748	1.82%	0.126%
50	12.286	1697	1700	1702	rBV	80460	70098	2.92%	0.203%
51	12.316	1702	1705	1707	rVB2	49156	45513	1.90%	0.132%
52	12.363	1709	1713	1715	rBV	187746	194935	8.12%	0.563%
53	12.386	1715	1717	1719	rVV2	288478	281938	11.74%	0.815%
54	12.410	1719	1721	1725	rVB3	351909	320878	13.36%	0.927%
55	12.451	1725	1728	1732	rBV	176129	190381	7.93%	0.550%
56	12.498	1733	1736	1737	rBV2	69460	70222	2.92%	0.203%
57	12.533	1737	1742	1744	rBV	2451496	2123694	88.45%	6.137%
58	12.627	1755	1758	1761	rBV2	96524	113823	4.74%	0.329%
59	12.763	1774	1781	1786	rBV	2287360	2401128	100.00%	6.939%
60	12.804	1786	1788	1793	rVB2	114038	145636	6.07%	0.421%
61	12.898	1797	1804	1807	rBV	1808940	1697685	70.70%	4.906%
62	12.974	1812	1817	1821	rBV2	189158	317906	13.24%	0.919%
63	13.033	1824	1827	1829	rBV3	40951	38270	1.59%	0.111%
64	13.063	1829	1832	1833	rBV2	165352	172197	7.17%	0.498%
65	13.086	1833	1836	1839	rVB	364551	368131	15.33%	1.064%
66	13.127	1840	1843	1845	rBV3	76381	83684	3.49%	0.242%
67	13.151	1845	1847	1850	rBV	215505	164961	6.87%	0.477%
68	13.186	1850	1853	1857	rBV2	238016	262926	10.95%	0.760%
69	13.245	1861	1863	1866	rBV3	51737	49875	2.08%	0.144%
70	13.280	1867	1869	1872	rVB	141683	112453	4.68%	0.325%
71	13.316	1872	1875	1876	rBV	144990	142133	5.92%	0.411%
72	13.598	1920	1923	1927	rVB	187791	185866	7.74%	0.537%
73	13.704	1938	1941	1944	rBV	224760	220285	9.17%	0.637%
74	13.733	1944	1946	1948	rVV	183910	151840	6.32%	0.439%
75	13.757	1948	1950	1955	rVV2	144577	195635	8.15%	0.565%
76	13.804	1955	1958	1961	rVB2	242272	228345	9.51%	0.660%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.839	1962	1964	1968	rBV3	84086	105539	4.40%	0.305%
78	13.951	1979	1983	1987	rBV2	1046273	1488480	61.99%	4.301%
79	13.986	1987	1989	1996	rVB	998147	873097	36.36%	2.523%
80	14.057	1997	2001	2005	rVB3	251242	321871	13.40%	0.930%
81	14.110	2007	2010	2015	rBV5	113436	184883	7.70%	0.534%
82	14.345	2046	2050	2054	rBV3	344951	458098	19.08%	1.324%
83	14.380	2054	2056	2060	rVB2	116614	108110	4.50%	0.312%
84	14.421	2060	2063	2066	rBV3	294992	319349	13.30%	0.923%
85	14.468	2069	2071	2073	rBV	126354	132128	5.50%	0.382%
86	14.798	2125	2127	2130	rVB	139269	106880	4.45%	0.309%
87	15.004	2157	2162	2165	rBV	763845	1216815	50.68%	3.516%
88	15.062	2168	2172	2176	rVB	759643	896037	37.32%	2.589%
89	15.104	2176	2179	2182	rBV	162175	174002	7.25%	0.503%
90	15.298	2208	2212	2218	rVB	424748	530469	22.09%	1.533%
91	15.362	2219	2223	2228	rVB	695437	787298	32.79%	2.275%
92	15.421	2230	2233	2236	rVV	266170	349384	14.55%	1.010%
93	15.451	2236	2238	2247	rVB2	186618	257711	10.73%	0.745%
94	15.862	2303	2308	2314	rVB	614319	868226	36.16%	2.509%
95	16.874	2475	2480	2486	rBV	293820	613747	25.56%	1.774%
96	17.468	2575	2581	2591	rBV5	494096	1382089	57.56%	3.994%

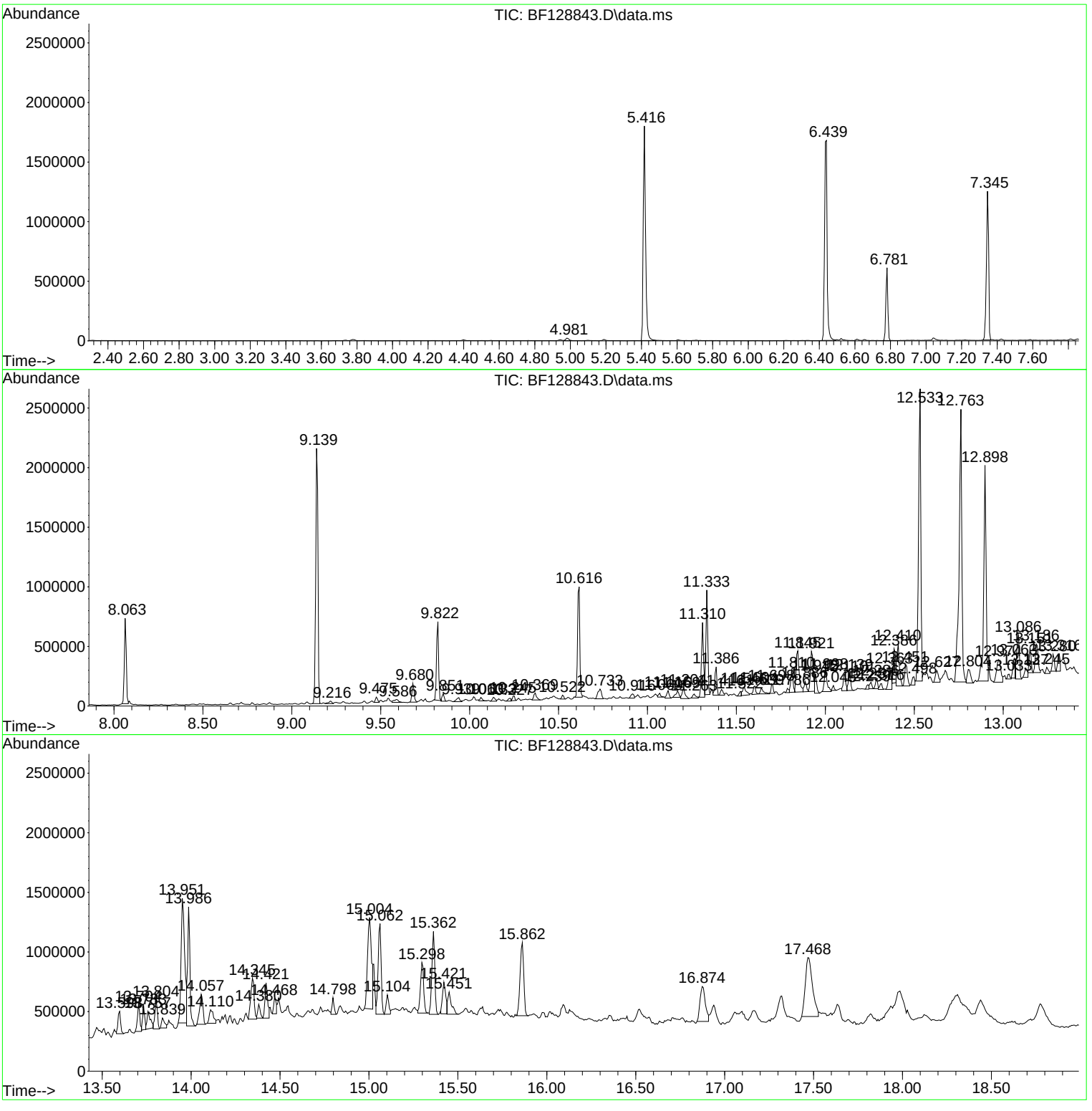
Sum of corrected areas: 34605057

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

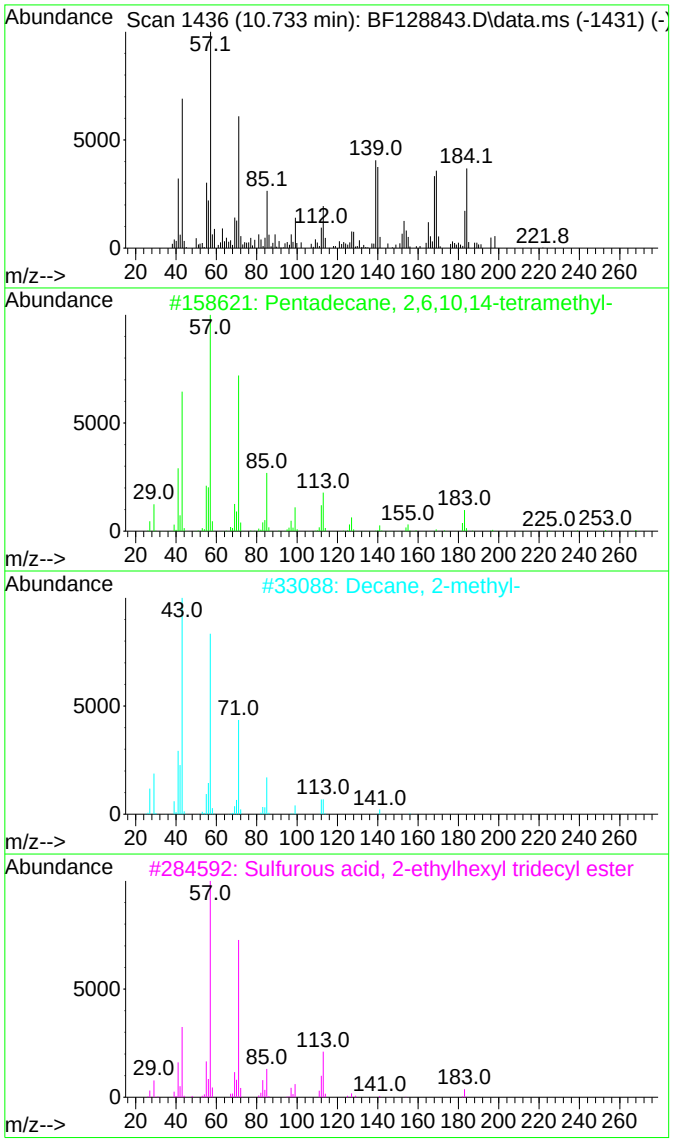
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

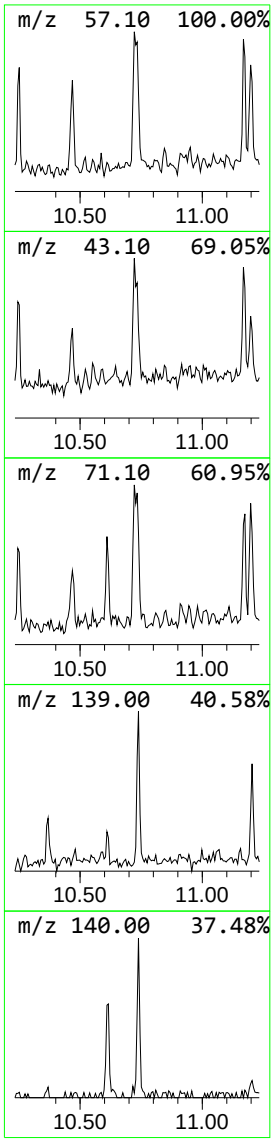
****

Peak Number 1 unknown10.733 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	4.38 ng	114166	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
2	Decane, 2-methyl-	156	C11H24	006975-98-0	20
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	18
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	18
5	Dodecane	170	C12H26	000112-40-3	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

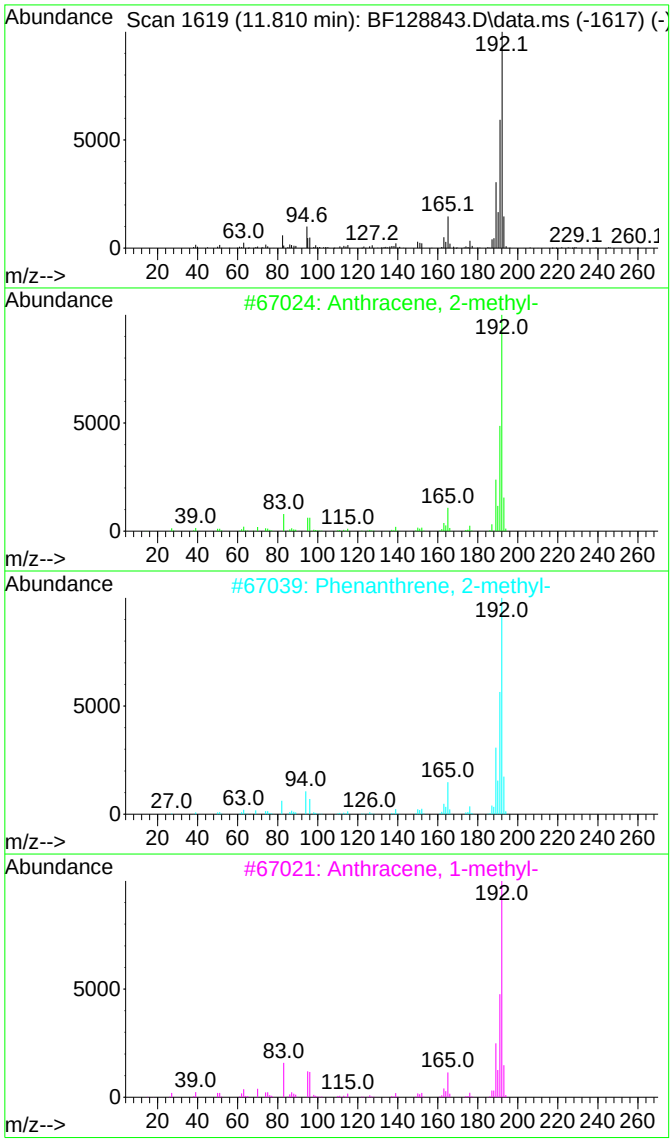
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

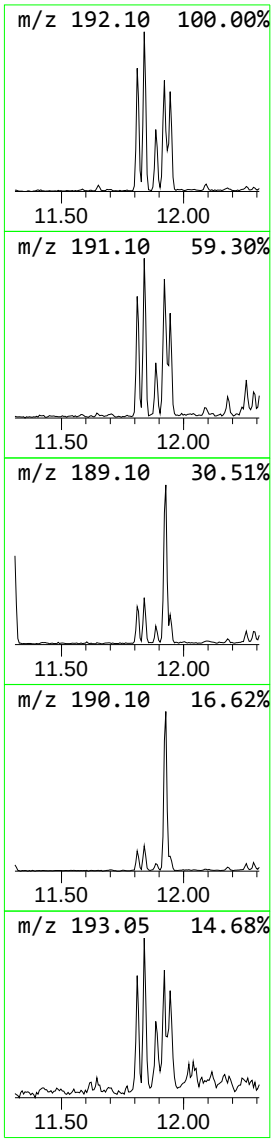
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	5.91 ng	154306	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

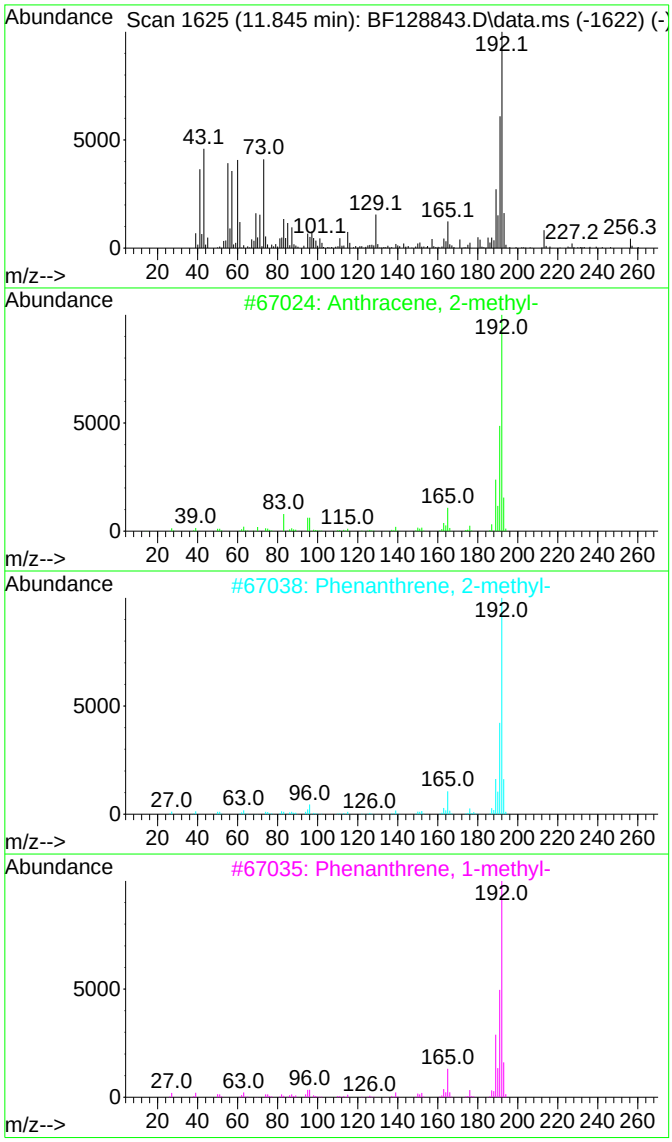
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

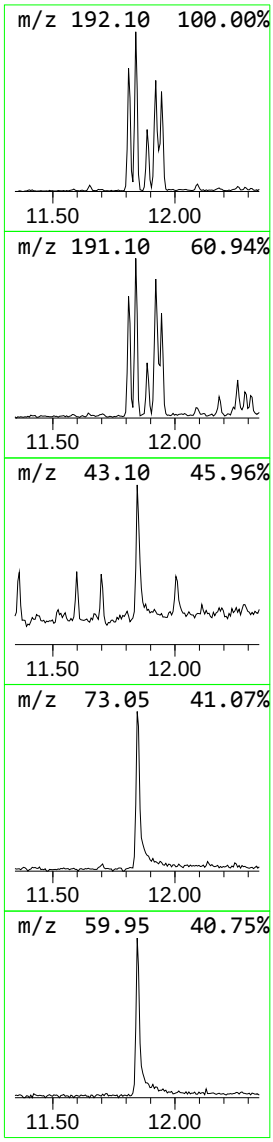
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	16.01 ng	417662	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

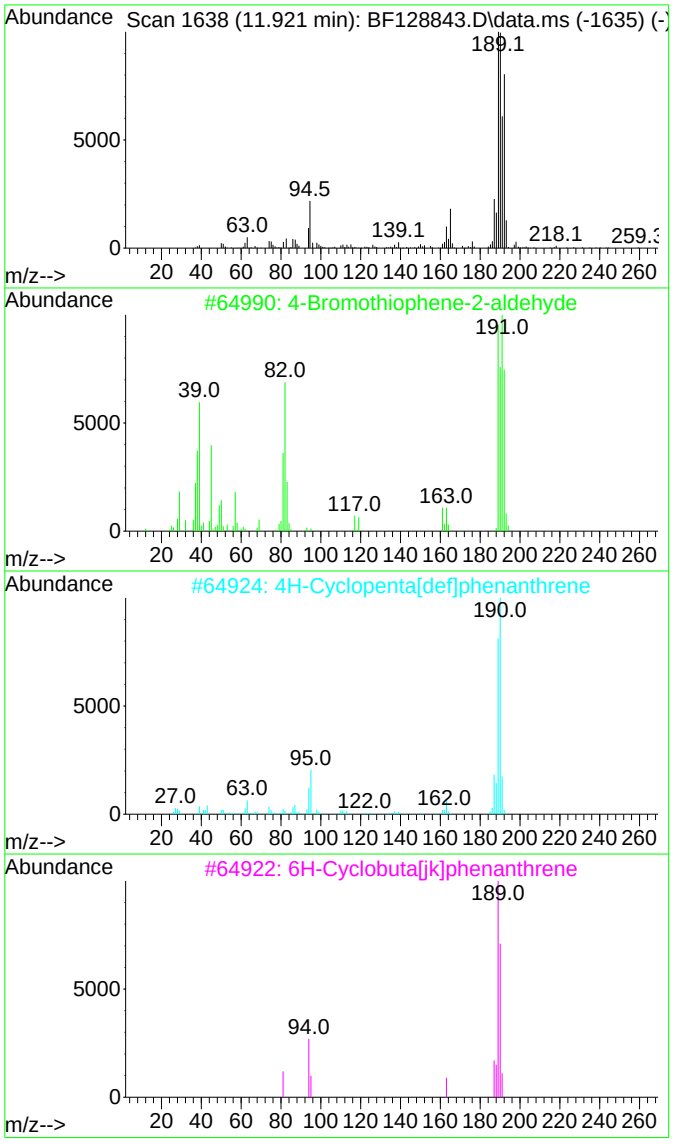
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

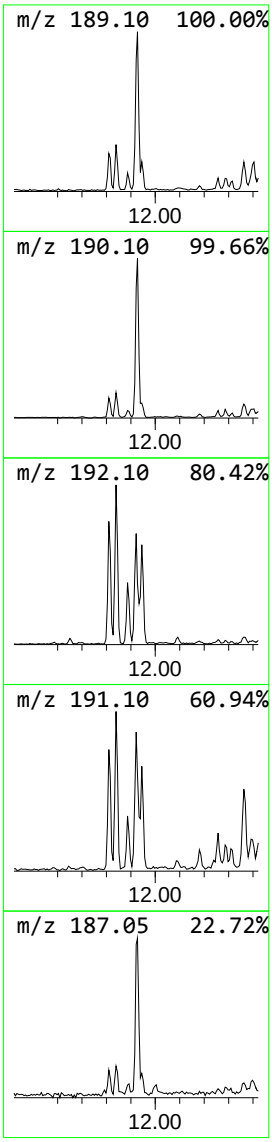
****

Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	13.82 ng	360562	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

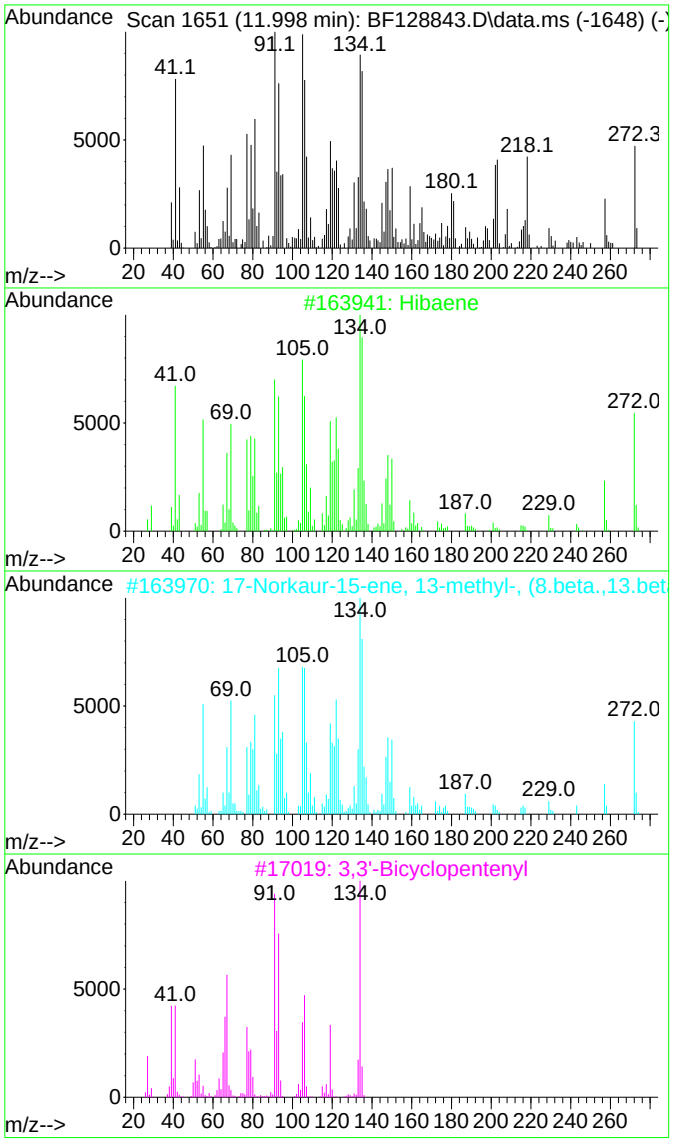
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

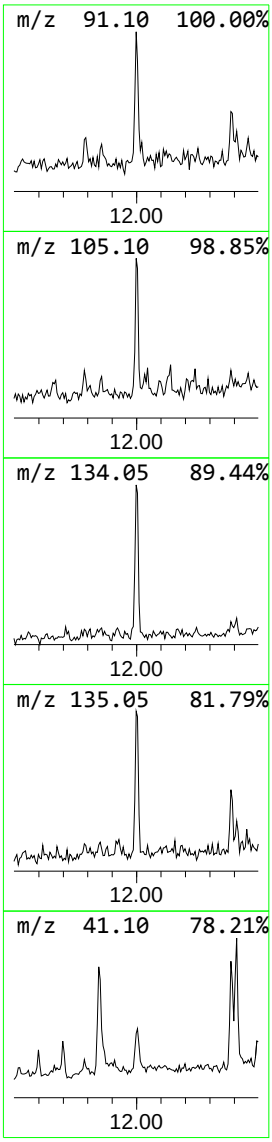
****

Peak Number 5 Hibaene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	7.73 ng	201641	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hibaene	272	C20H32	002359-73-1	98
2	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	62
3	3,3'-Bicyclopentenyl	134	C10H14	002690-18-8	38
4	Benzeneacetic acid, 2-hydroxy-, ...	180	C10H12O3	041873-65-8	30
5	Formamide, N-(2-methylphenyl)-	135	C8H9NO	000094-69-9	25





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Operator : CG\JU
Sample : N3353-01
Misc :
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ClientSampleId :
PL-01-061422

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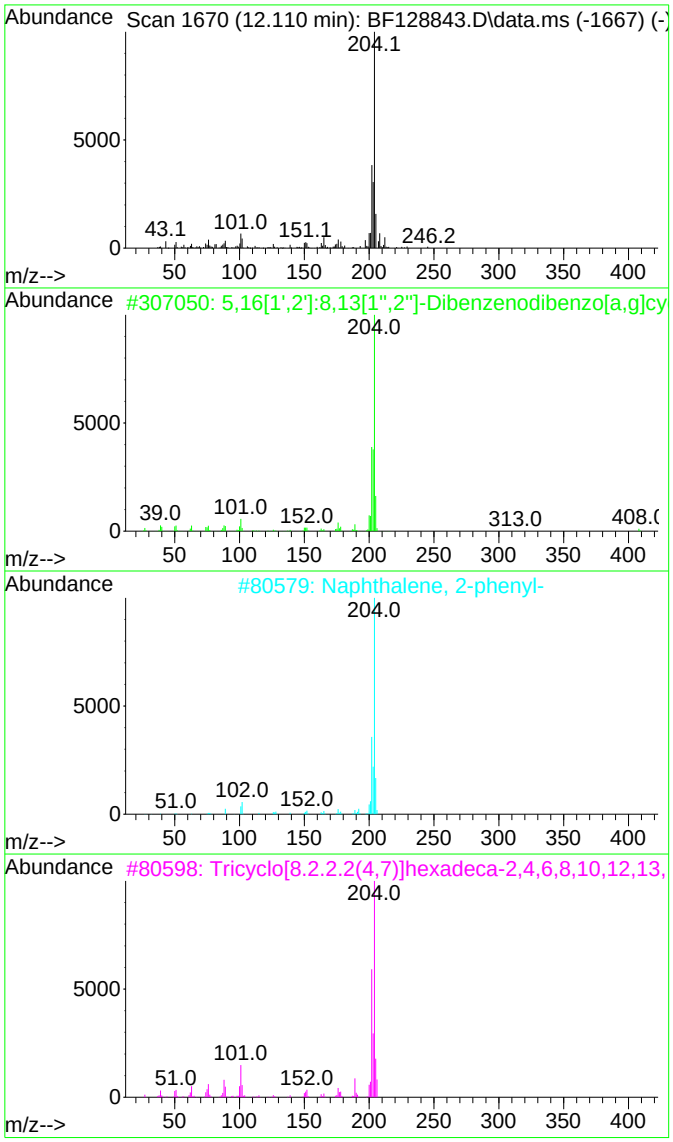
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

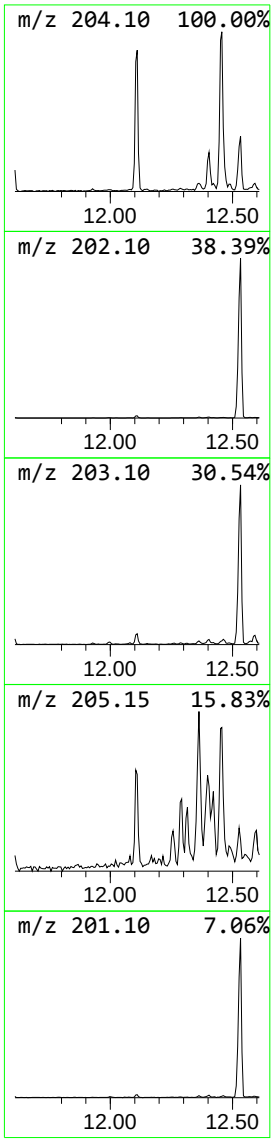
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	5.30 ng	138210	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

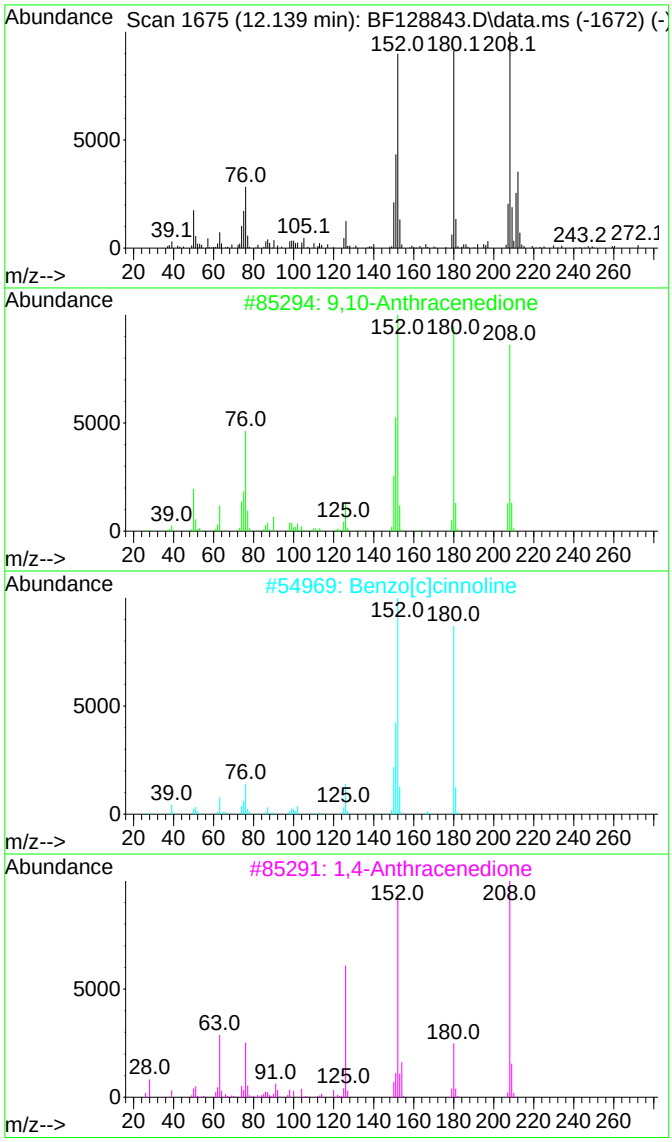
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

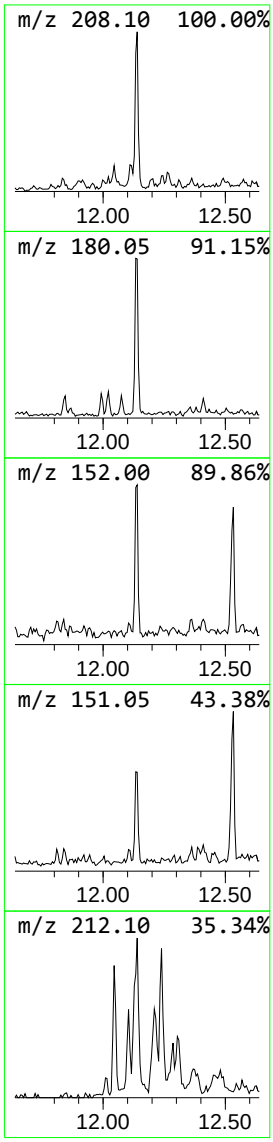
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	5.08 ng	132520	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

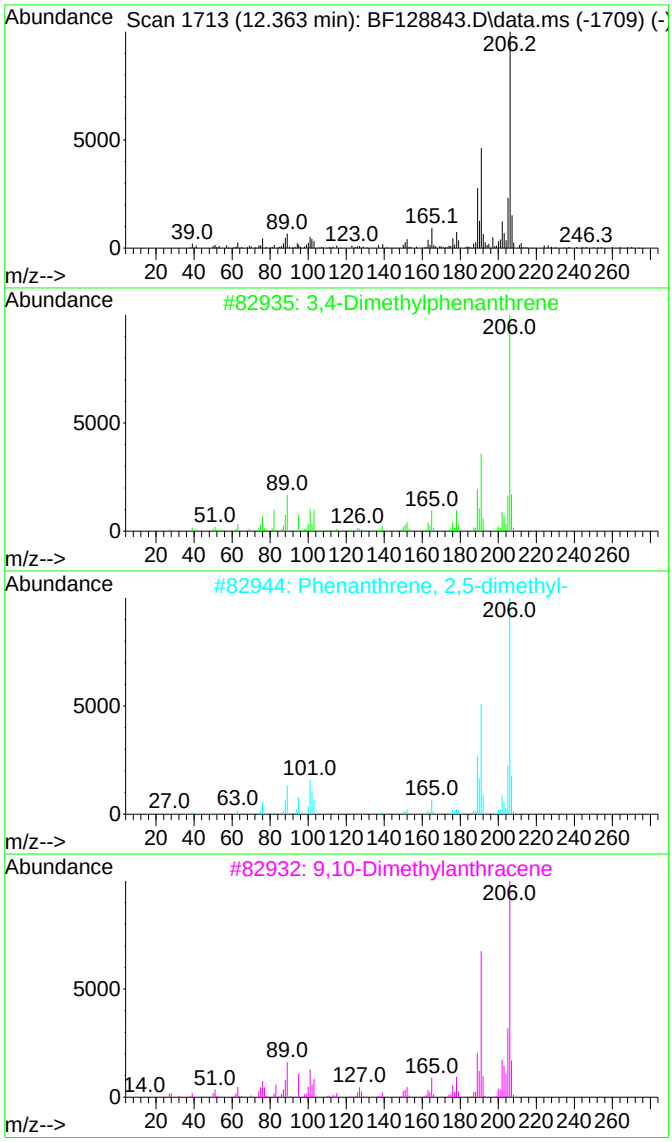
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

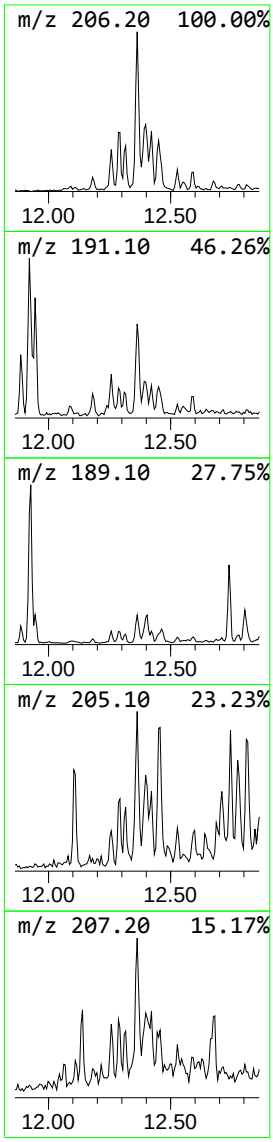
****

Peak Number 8 3,4-Dimethylphenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	7.47 ng	194935	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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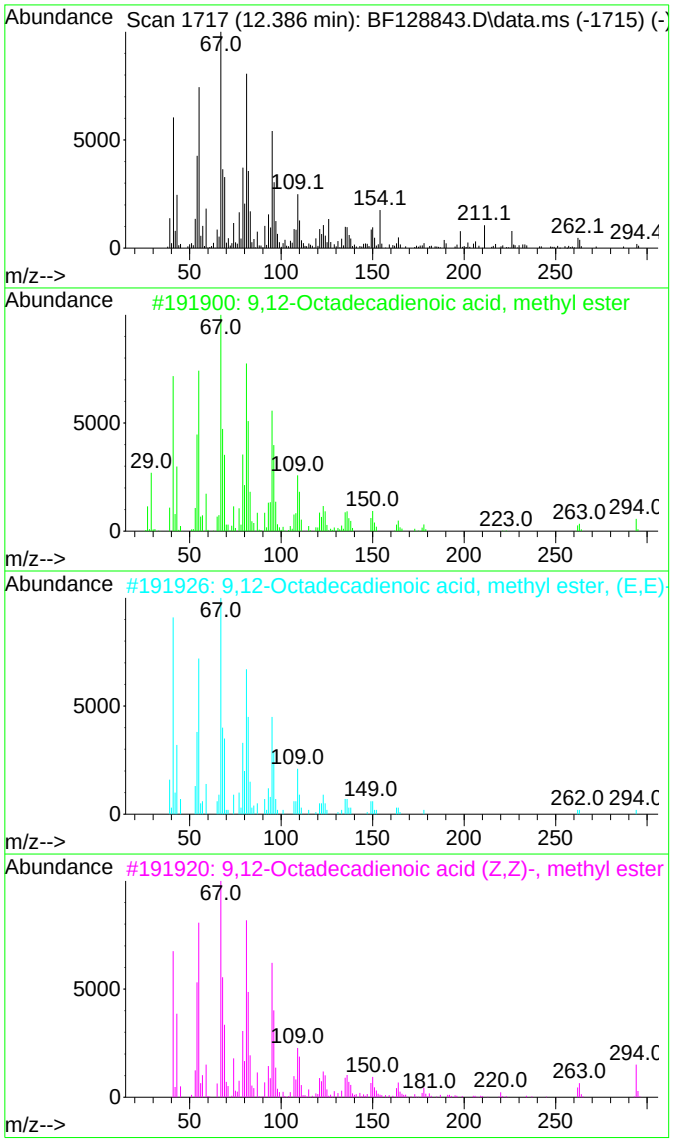
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

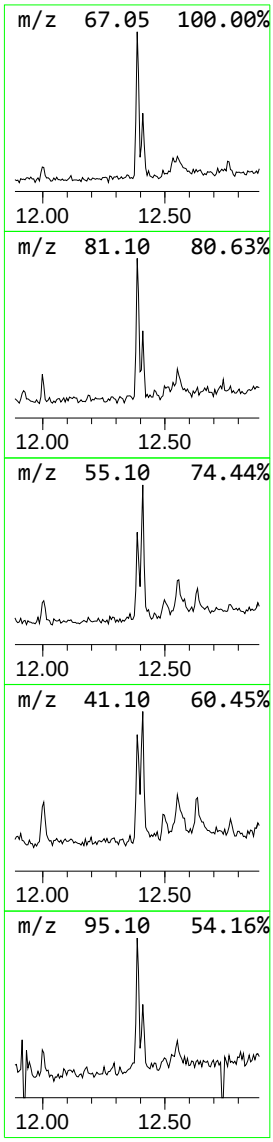
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	10.81 ng	281938	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	94
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90





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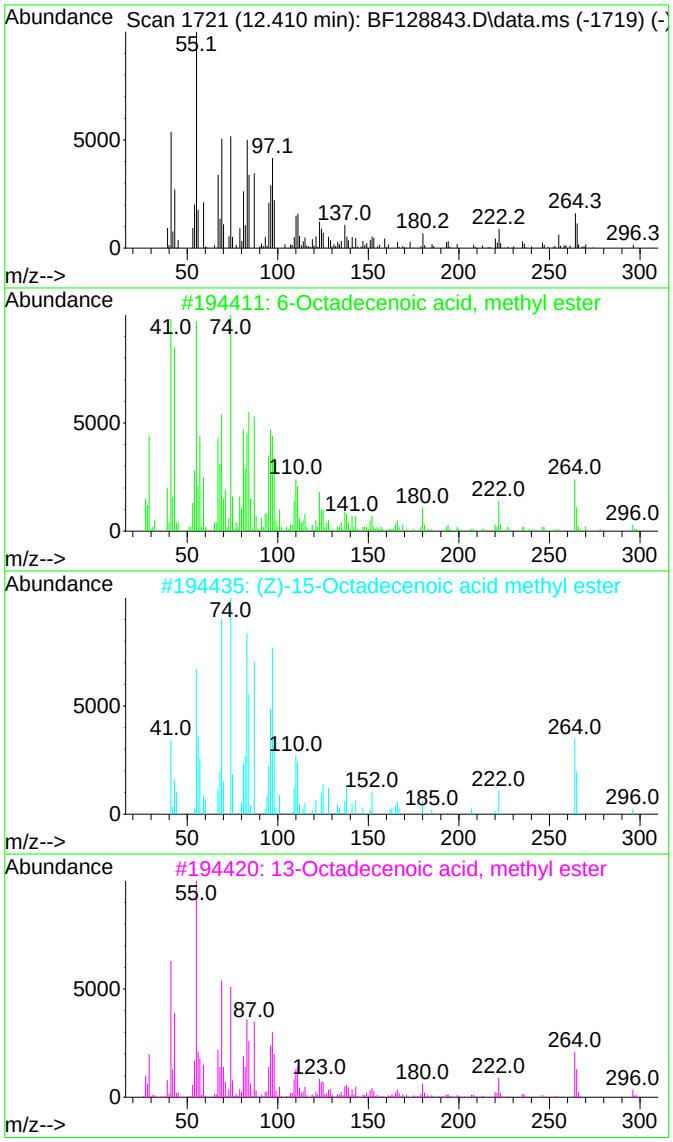
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

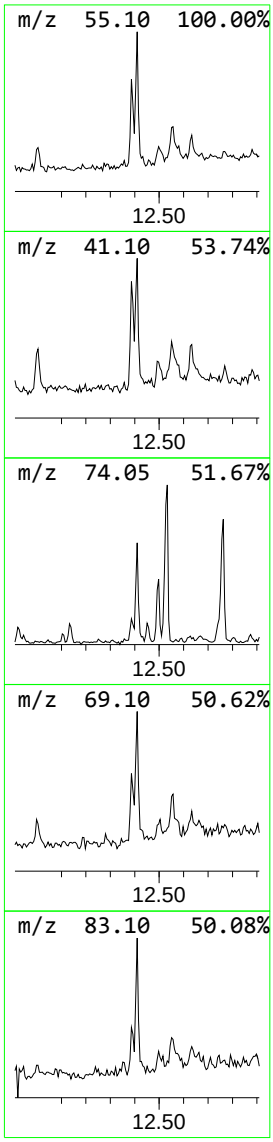
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 6-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	12.30 ng	320878	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98





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ClientSampleId :
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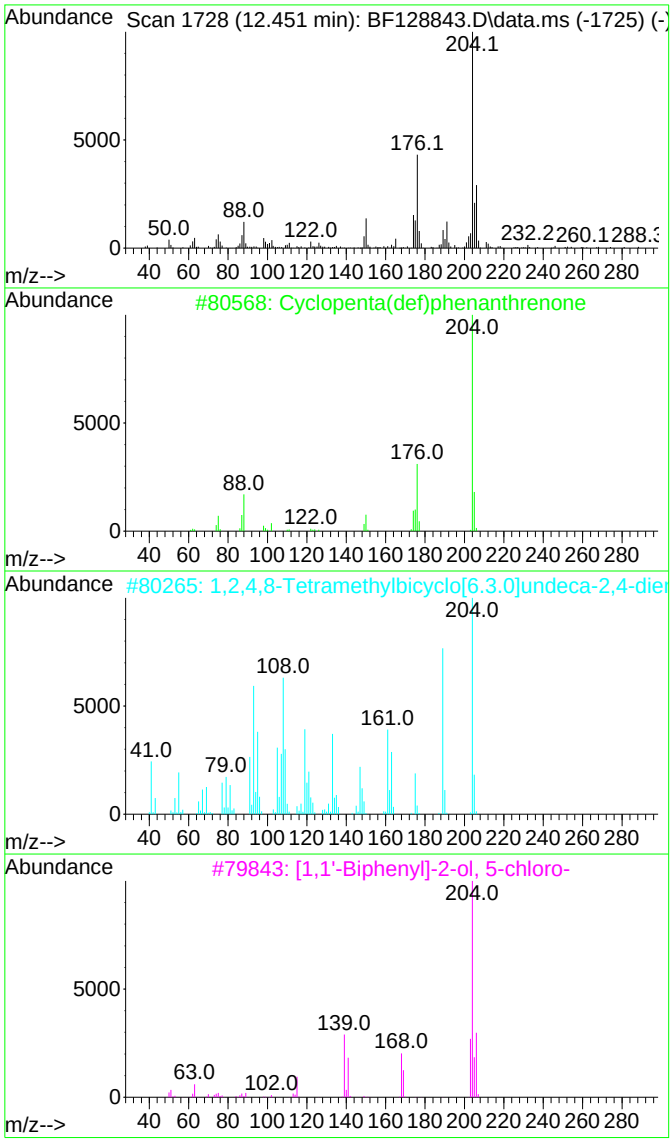
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

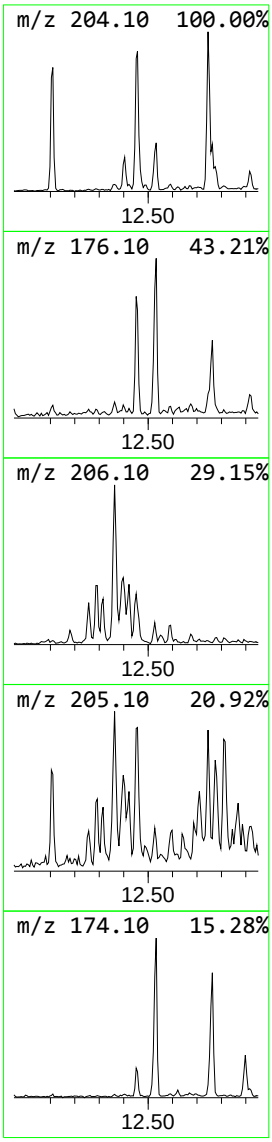
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	7.30 ng	190381	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

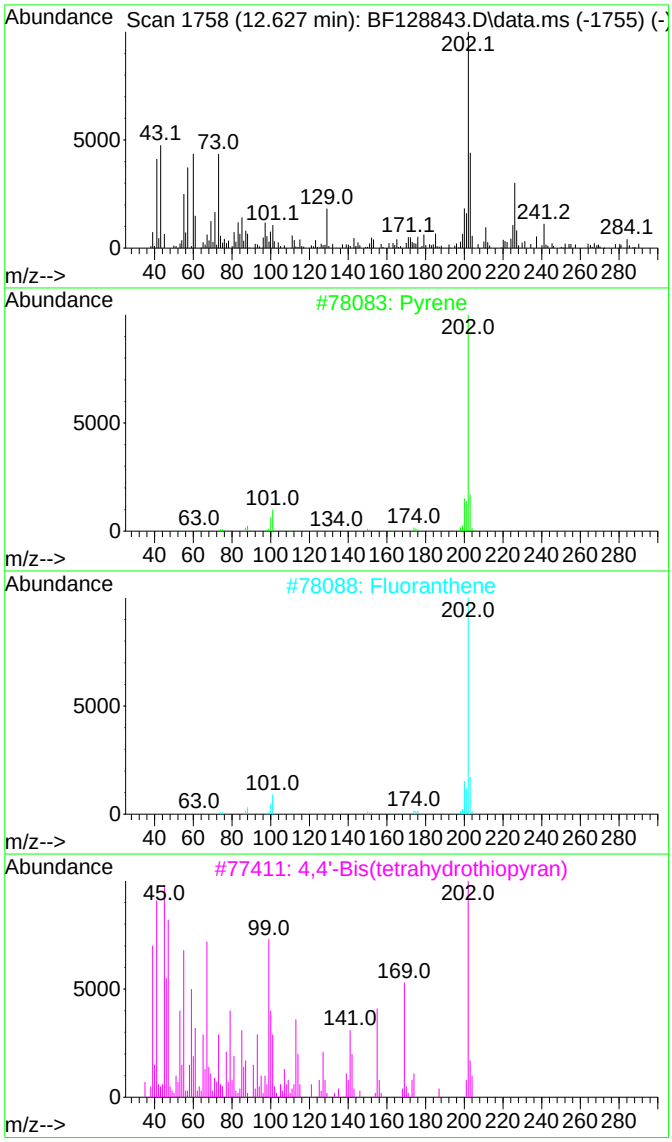
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

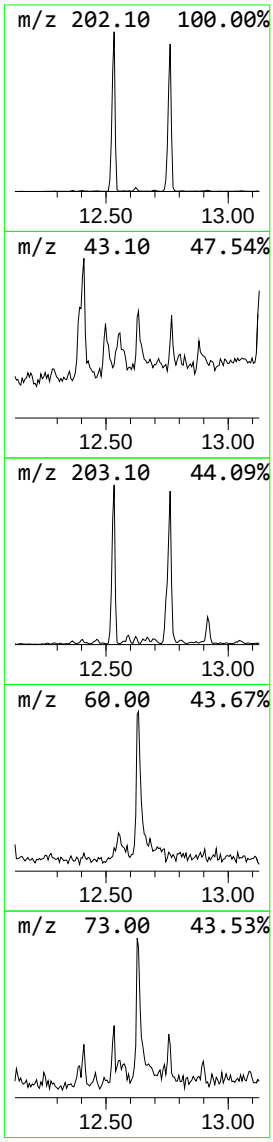
****

Peak Number 12 unknown12.627 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	4.36 ng	113823	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	43
2	Fluoranthene	202	C16H10	000206-44-0	43
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	38
4	Pyrene, 10b,10c-dihydro-10b,10c-...	288	C22H24	028816-94-6	37
5	Rugulosuvine, 3TMS	549	C29H43N3O2Si3	1000502-52-9	32





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

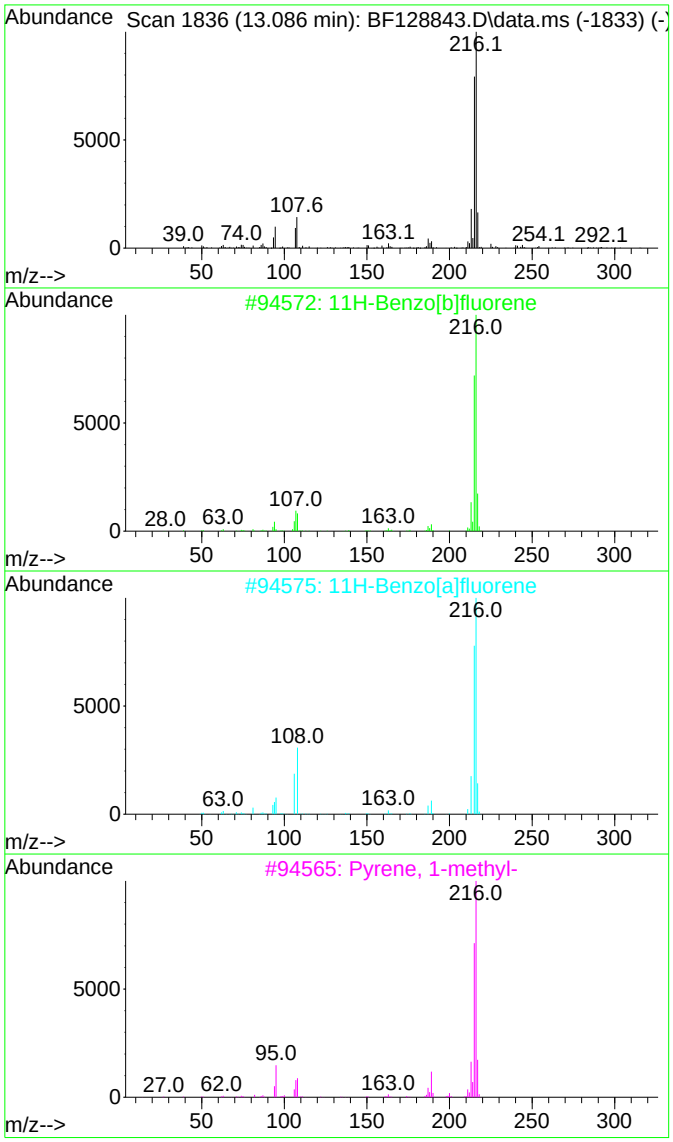
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

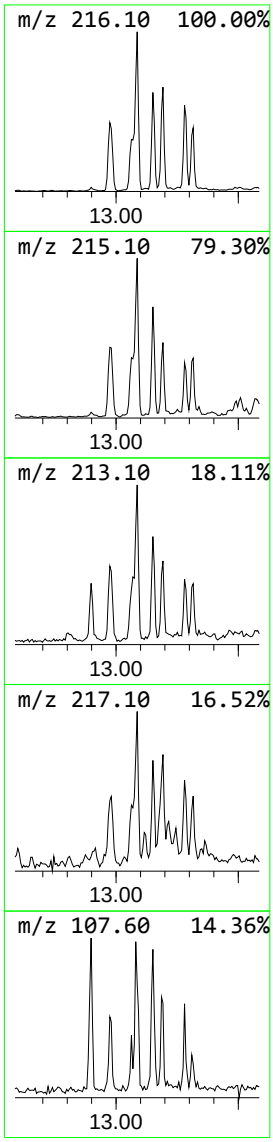
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	4.95 ng	368131	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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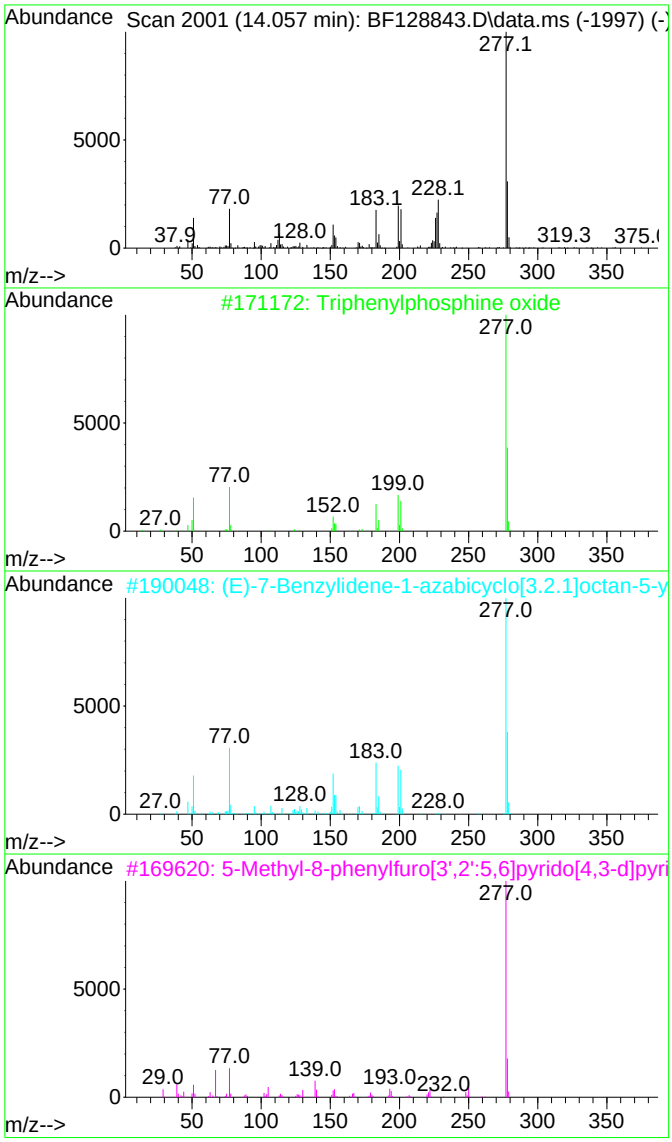
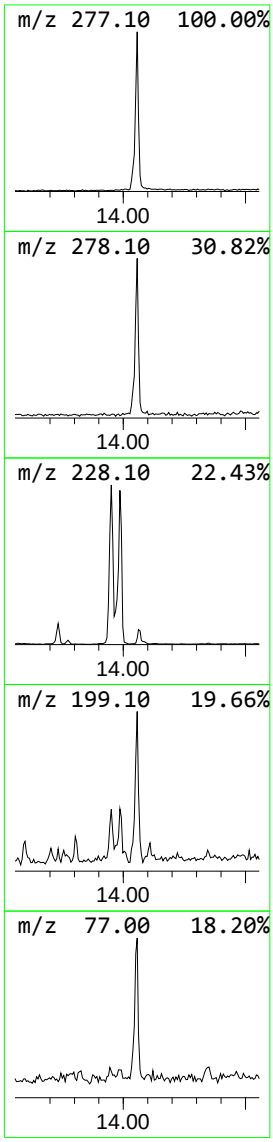
Peak Number 14 Triphenylphosphine oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	4.32 ng	321871	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	50
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
4	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	33
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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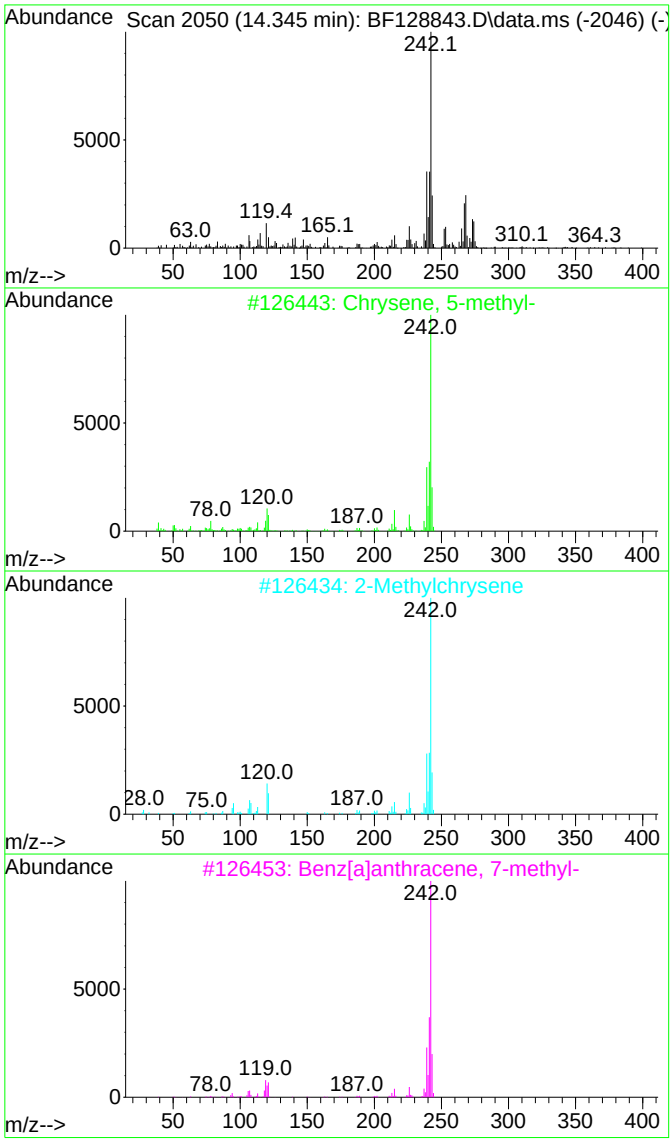
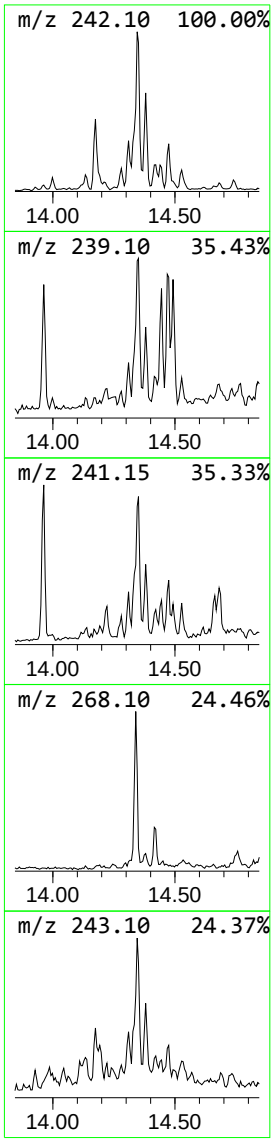
Peak Number 15 Chrysene, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	6.16 ng	458098	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	2-Methylchrysene	242	C19H14	003351-32-4	78
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	78
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	78
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	78





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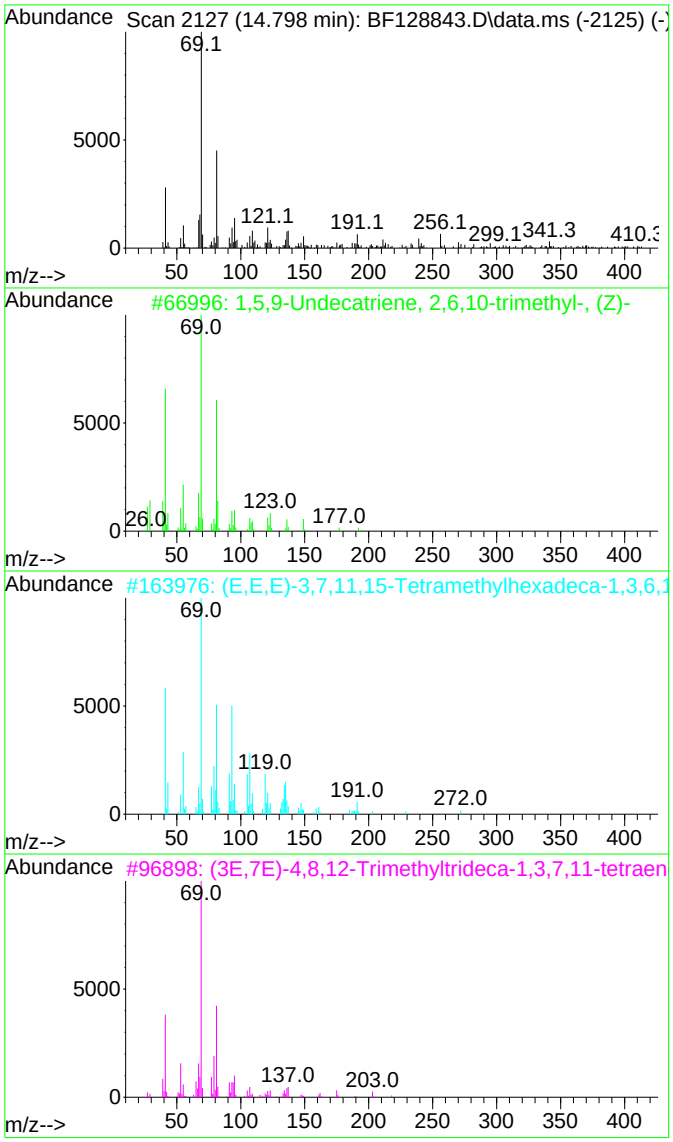
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

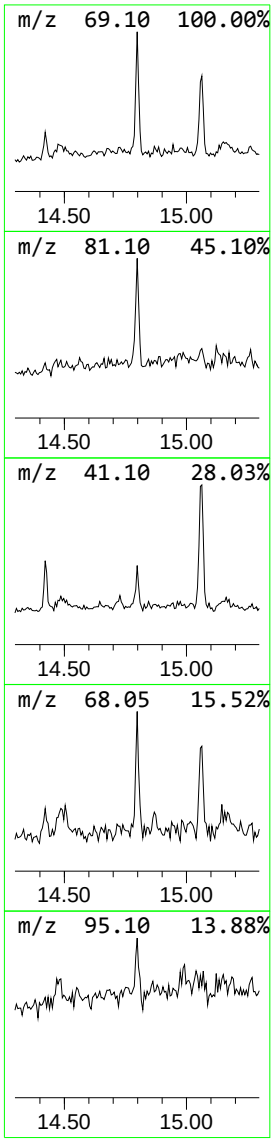
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	6.12 ng	106880	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
2	(E,E,E)-3,7,11,15-Tetramethylhex...	272	C20H32	077898-97-6	83
3	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	64
4	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	59
5	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	58





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ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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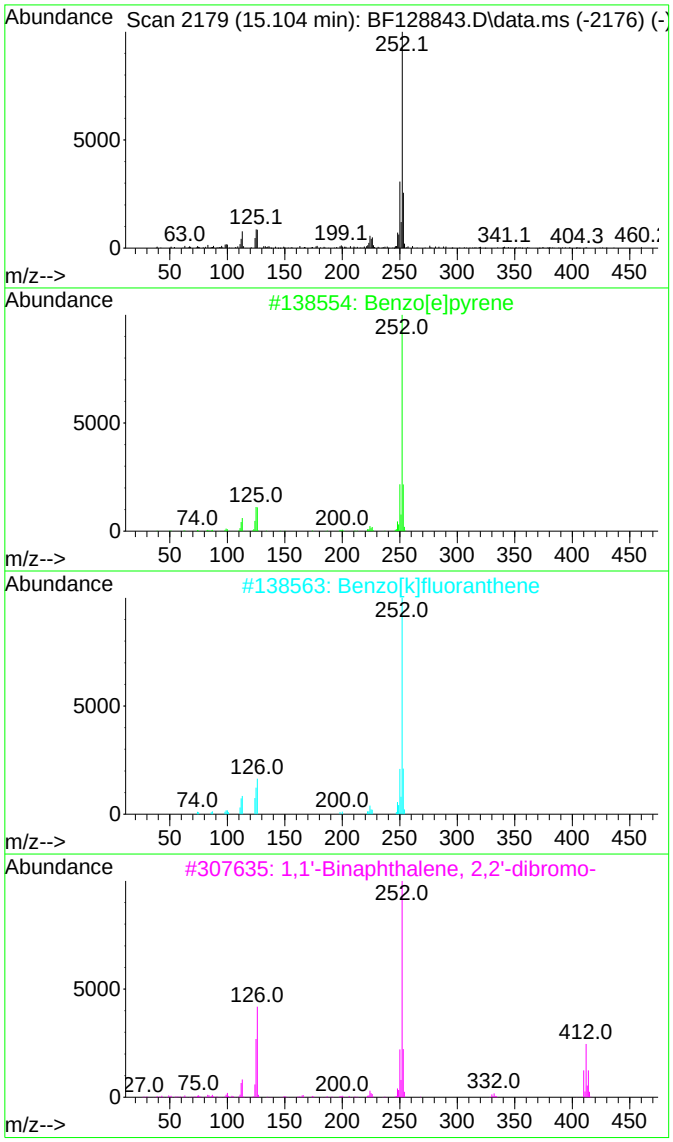
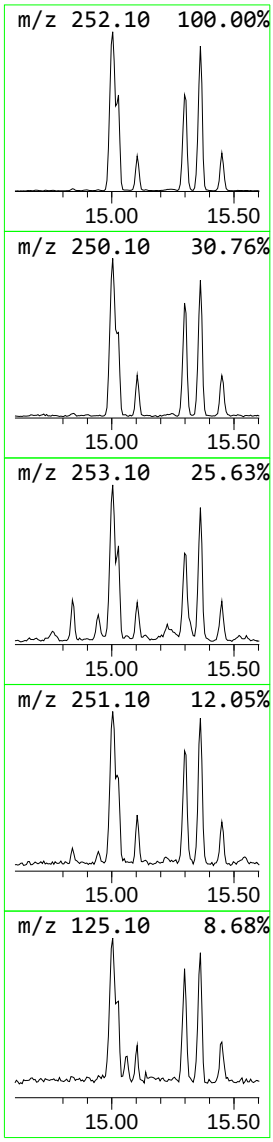
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	9.96 ng	174002	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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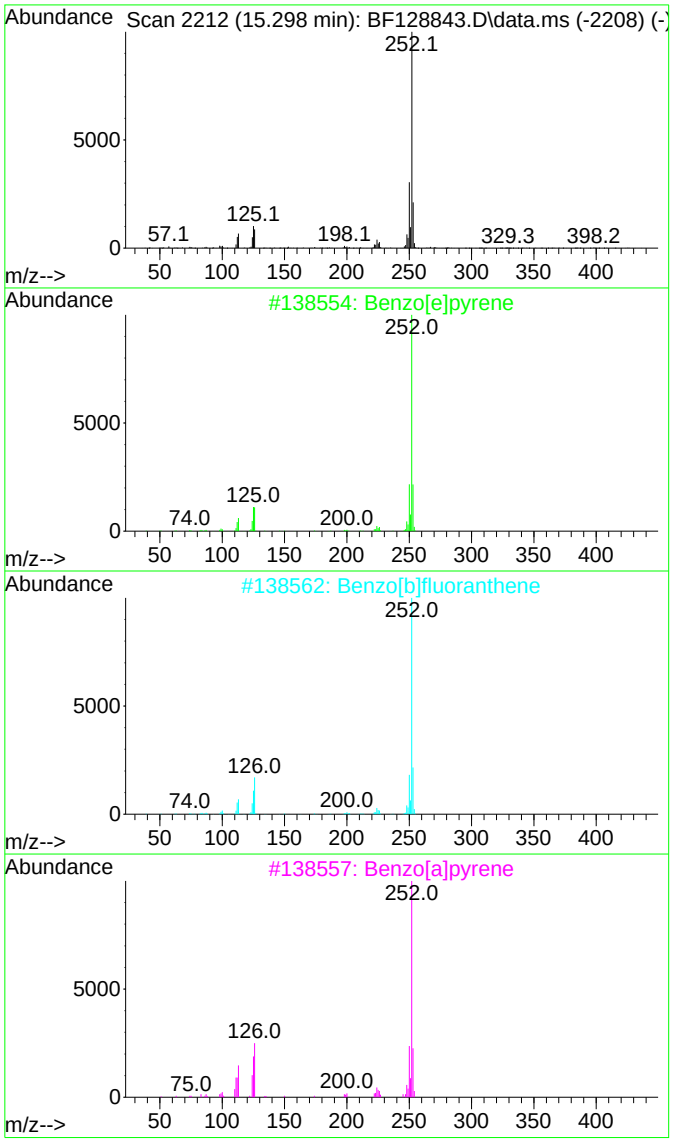
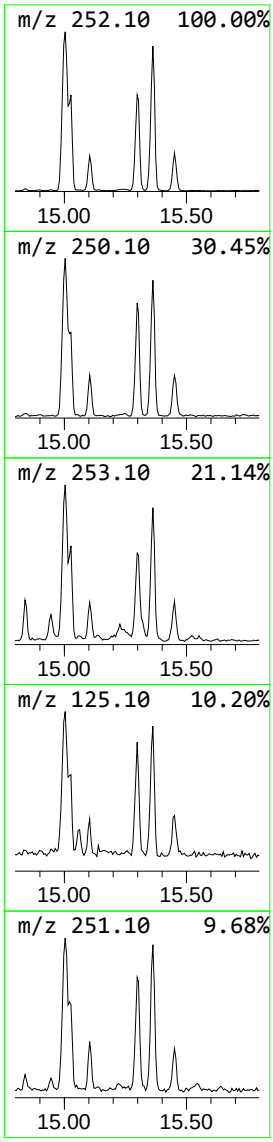
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	30.37 ng	530469	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





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Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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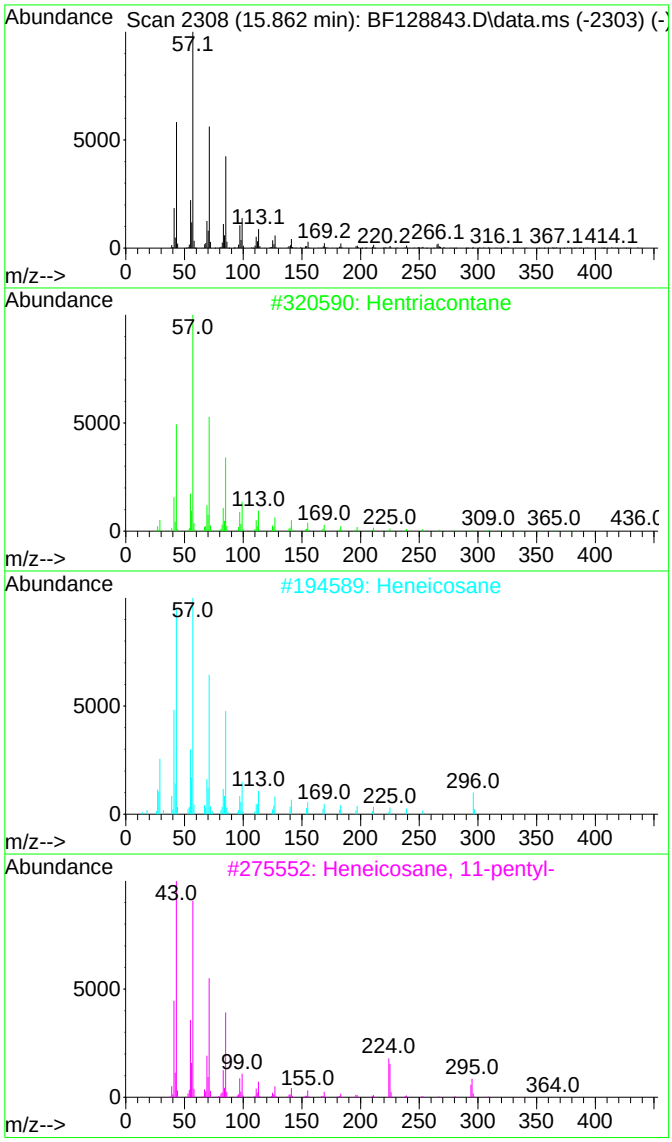
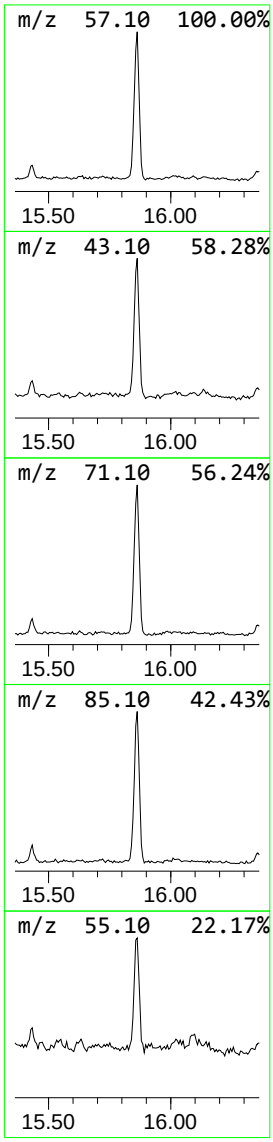
Peak Number 19 Hentriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.862	49.70 ng	868226	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	96
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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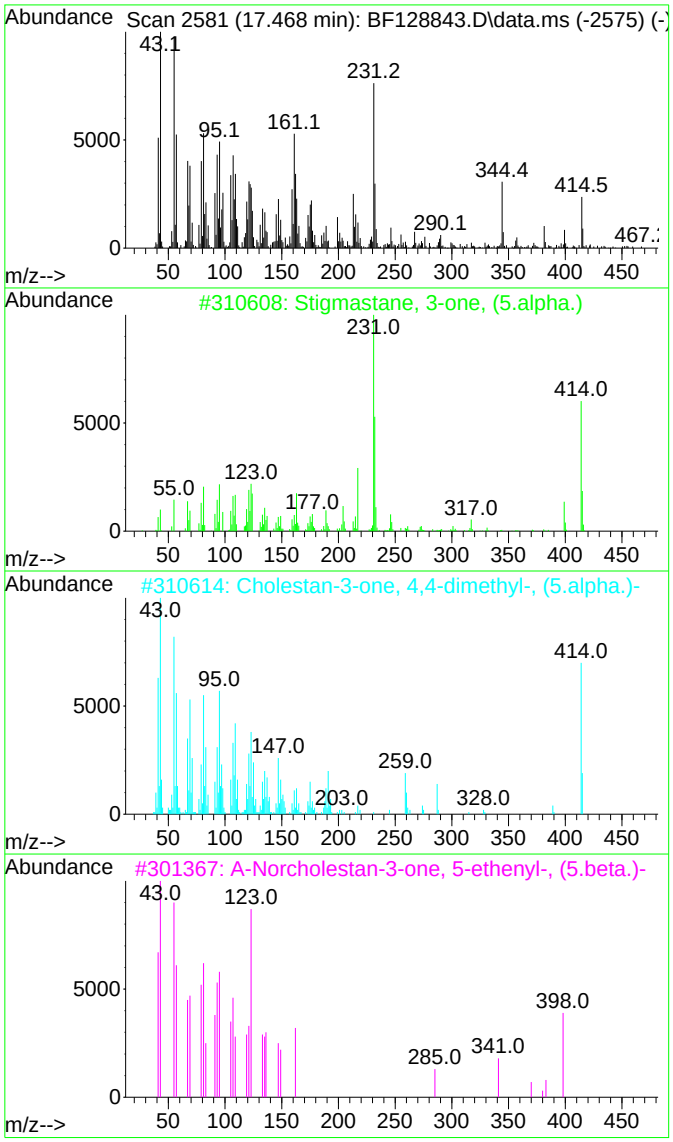
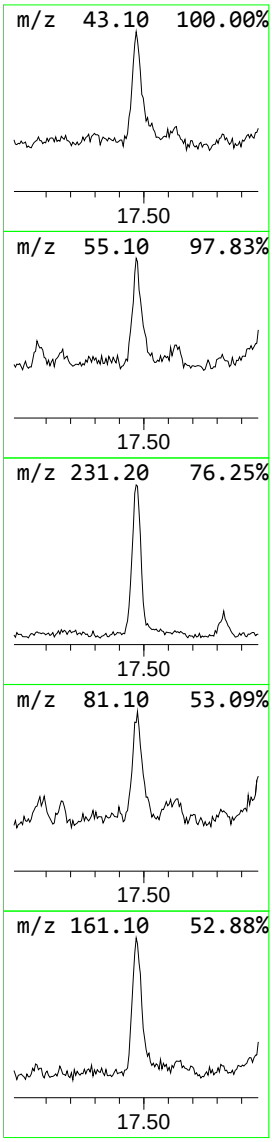
Peak Number 20 Stigmastane, 3-one, (5.alpha.) Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.468	79.12 ng	1382090	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastane, 3-one, (5.alpha.)	414	C29H50O	1000437-00-8	53
2	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	50
3	A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	46
4	Coprost-25-en-16,22-epoxy-3.alph...	400	C27H44O2	122337-93-3	30
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128843.D
Acq On : 16 Jun 2022 17:01
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
unknown10.733	10.733	4.4	ng	114166	4	11.310	521868	20.0
Anthracene, 2-m...	11.810	5.9	ng	154306	4	11.310	521868	20.0
Phenanthrene, 2...	11.845	16.0	ng	417662	4	11.310	521868	20.0
4-Bromothiophen...	11.922	13.8	ng	360562	4	11.310	521868	20.0
Hibaene	11.998	7.7	ng	201641	4	11.310	521868	20.0
5,16[1',2']:8,1...	12.110	5.3	ng	138210	4	11.310	521868	20.0
9,10-Anthracene...	12.139	5.1	ng	132520	4	11.310	521868	20.0
3,4-Dimethylphe...	12.363	7.5	ng	194935	4	11.310	521868	20.0
9,12-Octadecadi...	12.386	10.8	ng	281938	4	11.310	521868	20.0
6-Octadecenoic ...	12.410	12.3	ng	320878	4	11.310	521868	20.0
Cyclopenta(def)...	12.451	7.3	ng	190381	4	11.310	521868	20.0
unknown12.627	12.627	4.4	ng	113823	4	11.310	521868	20.0
11H-Benzo[b]flu...	13.086	5.0	ng	368131	5	13.963	1488480	20.0
Triphenylphosph...	14.057	4.3	ng	321871	5	13.963	1488480	20.0
Chrysene, 5-met...	14.345	6.2	ng	458098	5	13.963	1488480	20.0
1,5,9-Undecatri...	14.798	6.1	ng	106880	6	15.421	349384	20.0
Benzo[e]pyrene	15.104	10.0	ng	174002	6	15.421	349384	20.0
Benzo[j]fluoran...	15.298	30.4	ng	530469	6	15.421	349384	20.0
Hentriacontane	15.862	49.7	ng	868226	6	15.421	349384	20.0
Stigmastane, 3-...	17.468	79.1	ng	1382090	6	15.421	349384	20.0