LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.540	549	553	562	rBV	1258864	1088091	4.88%	0.696%
2	6.545	720	724	737	rVB	1297395	1110515	4.98%	0.711%
3	6.922	785	788	792	rBV	828792	747620	3.35%	0.478%
4	7.486	880	884	887	rBV	885678	713218	3.20%	0.456%
5	8.210	1003	1007	1010	rBV	1115906	893200	4.00%	0.572%
6	9.280	1186	1189	1193	rVB	1510641	1229824	5.51%	0.787%
7	9.545	1230	1234	1239	rBV2	403794	513987	2.30%	0.329%
8	9.622	1243	1247	1250	rBV	704172	727360	3.26%	0.465%
9	9.651	1250	1252	1254	rVB	458204	313411	1.40%	0.201%
10	9.739	1264	1267	1269	rBV	447846	392840	1.76%	0.251%
11	9.827	1279	1282	1285	rVB2	352167	309503	1.39%	0.198%
12	9.969	1303	1306	1308	rVV	1118107	889872	3.99%	0.569%
13	10.004	1308	1312	1314	rVV	1775816	1511288	6.77%	0.967%
14	10.069	1320	1323	1327	rBV	342859	502688	2.25%	0.322%
15	10.127	1327	1333	1336	rVV2	262094	391176	1.75%	0.250%
16	10.175	1336	1341	1344	rVV2	1367425	1521926	6.82%	0.974%
17	10.210	1344	1347	1351	rVV	604375	513229	2.30%	0.328%
18	10.280	1355	1359	1362	rBV	539755	531476	2.38%	0.340%
19	10.310	1362	1364	1367	rVV	434370	333956	1.50%	0.214%
20	10.375	1370	1375	1376	rBV	467848	559023	2.51%	0.358%
21	10.392	1376	1378	1381	rVB2	366482	289387	1.30%	0.185%
22	10.469	1388	1391	1393	rVB	330812	299448	1.34%	0.192%
23	10.522	1396	1400	1405	rVV2	1653859	1780453	7.98%	1.139%
24	10.569	1405	1408	1409	rVV2	350680	329633	1.48%	0.211%
25	10.580	1409	1410	1412	rVV	416789	358248	1.61%	0.229%
26	10.604	1412	1414	1416	rVV2	519608	426749	1.91%	0.273%
27	10.627	1416	1418	1421	rVV	343454	348790	1.56%	0.223%
28	10.675	1421	1426	1430	rVB3	570500	866419	3.88%	0.554%
29	10.757	1437	1440	1444	rVB	1027389	963569	4.32%	0.617%
30	10.880	1459	1461	1467	rVB2	401791	402339	1.80%	0.257%
31	11.063	1486	1492	1495	rBV3	445415	670663	3.01%	0.429%
32	11.092	1495	1497	1500	rVV2	487528	506832	2.27%	0.324%
33	11.216	1516	1518	1523	rVV3	310356	349405	1.57%	0.224%
34	11.269	1523	1527	1529	rVV	416687	388727	1.74%	0.249%
35	11.310	1529	1534	1540	rVV6	368352	634068	2.84%	0.406%
36	11.357	1540	1542	1548	rVB	735523	712656	3.19%	0.456%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.463	1557	1560	1562	rBV	735385	816529	3.66%	0.523%
38	11.498	1562	1566	1569	rVV	5550686	6300116	28.24%	4.032%
39	11.545	1569	1574	1576	rVV	2523981	2282469	10.23%	1.461%
40	11.569	1576	1578	1581	rVV	339764	398739	1.79%	0.255%
41	11.621	1584	1587	1592	rVV3	185665	359612	1.61%	0.230%
42	11.692	1595	1599	1604	rVV2	579136	703425	3.15%	0.450%
43	11.757	1608	1610	1614	rVV3	223579	326381	1.46%	0.209%
44	11.792	1614	1616	1621	rVV	538562	539519	2.42%	0.345%
45	11.851	1621	1626	1628	rVV	7429413	7170275	32.14%	4.589%
46	11.969	1640	1646	1648	rBV	1377669	1523899	6.83%	0.975%
47	11.998	1648	1651	1654	rVB	1795563	1734186	7.77%	1.110%
48	12.045	1654	1659	1662	rBV	743791	793161	3.55%	0.508%
49	12.080	1662	1665	1667	rVV2	2048035	2227766	9.98%	1.426%
50	12.104	1667	1669	1672	rVB	1241962	929871	4.17%	0.595%
51	12.198	1683	1685	1689	rVV2	305945	312794	1.40%	0.200%
52	12.263	1692	1696	1698	rVV2	758027	817444	3.66%	0.523%
53	12.292	1698	1701	1706	rVB2	799368	777102	3.48%	0.497%
54	12.410	1719	1721	1724	rVV	482644	487058	2.18%	0.312%
55	12.439	1724	1726	1729	rVV	477997	519632	2.33%	0.333%
56	12.568	1740	1748	1750	rBV	9157152	22312130	100.00%	14.278%
57	12.621	1755	1757	1759	rVB2	522698	409551	1.84%	0.262%
58	12.651	1759	1762	1765	rVB	3811473	3295100	14.77%	2.109%
59	12.710	1765	1772	1775	rBV	6919445	11642009	52.18%	7.450%
60	12.751	1777	1779	1786	rVB2	380322	484431	2.17%	0.310%
61	12.845	1791	1795	1798	rBV2	664744	885980	3.97%	0.567%
62	12.945	1804	1812	1815	rBV2	6730096	12896340	57.80%	8.253%
63	12.974	1815	1817	1821	rVB	1086715	945650	4.24%	0.605%
64	13.051	1821	1830	1833	rBV2	1341621	2324310	10.42%	1.487%
65	13.086	1833	1836	1839	rVB	976235	968906	4.34%	0.620%
66	13.145	1840	1846	1848	rBV3	1012346	1760768	7.89%	1.127%
67	13.221	1856	1859	1861	rBV3	819496	1058197	4.74%	0.677%
68	13.251	1861	1864	1867	rVB	2064212	1914746	8.58%	1.225%
69	13.316	1872	1875	1877	rBV	1576965	1296427	5.81%	0.830%
70	13.357	1877	1882	1884	rBV2	1276949	1661015	7.44%	1.063%
71	13.445	1894	1897	1899	rBV	872261	750343	3.36%	0.480%
72	13.474	1899	1902	1905	rVB	896128	797722	3.58%	0.510%
73	13.615	1923	1926	1929	rBV4	220634	380912	1.71%	0.244%
74	13.668	1933	1935	1937	rVV2	416442	412309	1.85%	0.264%
75	13.727	1942	1945	1947	rVV2	264816	307492	1.38%	0.197%
76	13.757	1947	1950	1954	rVB	957670	952544	4.27%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.868	1964	1969	1971	rBV2	1295042	1508317	6.76%	0.965%
78	13.898	1971	1974	1976	rVV	1176074	1205403	5.40%	0.771%
79	13.921	1976	1978	1983	rVV3	1046663	1559291	6.99%	0.998%
80	13.968	1983	1986	1989	rVB	841423	846117	3.79%	0.541%
81	14.033	1993	1997	2004	rBV	694140	995085	4.46%	0.637%
82	14.121	2004	2012	2015	rBV2	4406037	7322917	32.82%	4.686%
83	14.163	2015	2019	2024	rVB	4533442	5054374	22.65%	3.234%
84	14.233	2028	2031	2033	rBV	804553	752192	3.37%	0.481%
85	14.310	2042	2044	2046	rVB	447653	336981	1.51%	0.216%
86	14.345	2046	2050	2053	rVV2	524741	630608	2.83%	0.404%
87	14.504	2073	2077	2080	rVV	868586	867668	3.89%	0.555%
88	14.533	2080	2082	2085	rVB	416987	387304	1.74%	0.248%
89	14.633	2096	2099	2100	rBV	433743	372240	1.67%	0.238%
90	14.651	2100	2102	2106	rVB4	515760	535958	2.40%	0.343%
91	14.698	2106	2110	2117	rVB3	328550	528498	2.37%	0.338%
92	15.198	2188	2195	2198	rBV	2066241	4014686	17.99%	2.569%
93	15.298	2209	2212	2215	rBV	430333	421252	1.89%	0.270%
94	15.509	2243	2248	2254	rVB	1165695	1668734	7.48%	1.068%
95	15.580	2254	2260	2264	rVB	1753822	2354953	10.55%	1.507%
96	15.633	2265	2269	2272	rVV	432553	596076	2.67%	0.381%
97	15.668	2272	2275	2281	rVB2	592503	808140	3.62%	0.517%
98	17.186	2526	2533	2540	rVB2	612266	1278937	5.73%	0.818%
99	17.427	2570	2574	2579	rVB	234648	405071	1.82%	0.259%
100	17.662	2607	2614	2627	rVB2	497586	1216744	5.45%	0.779%

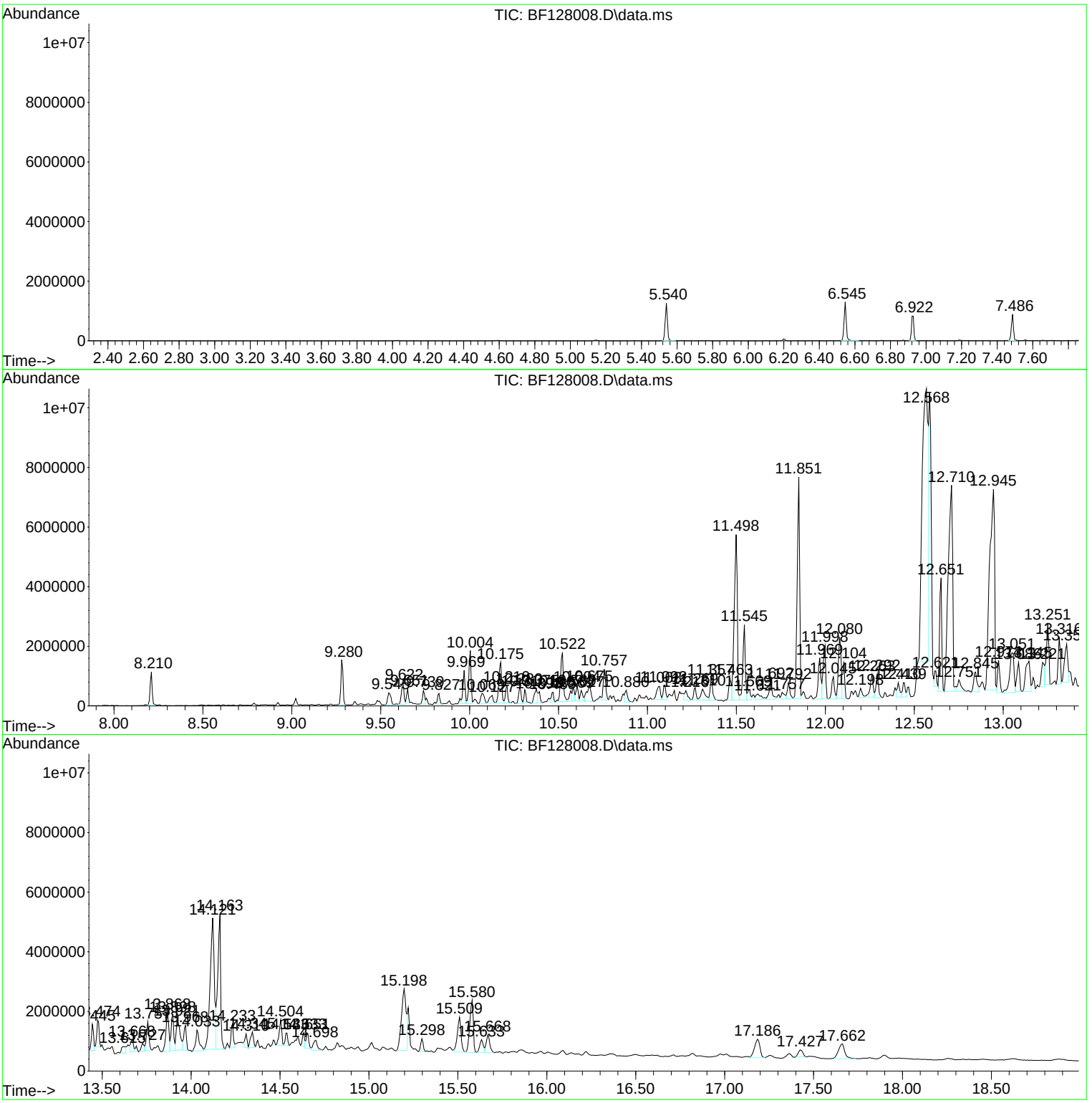
Sum of corrected areas: 156265995

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

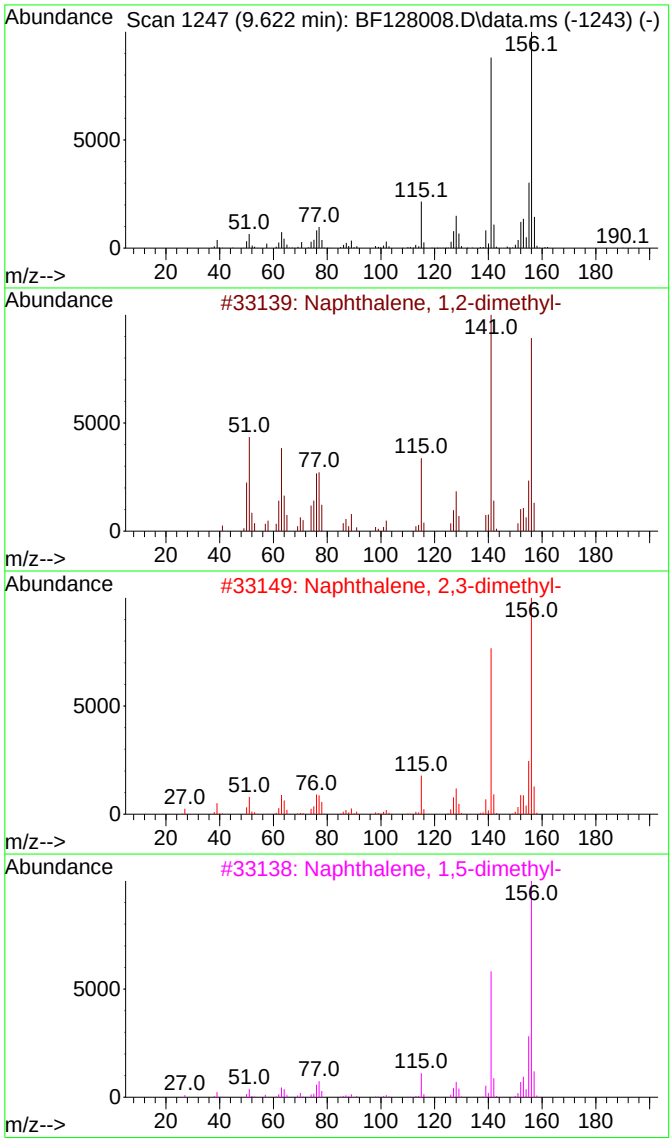
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

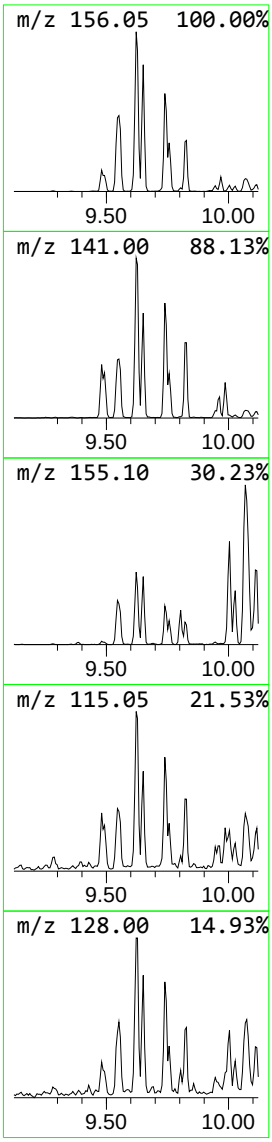
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	16.35 ng	727360	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

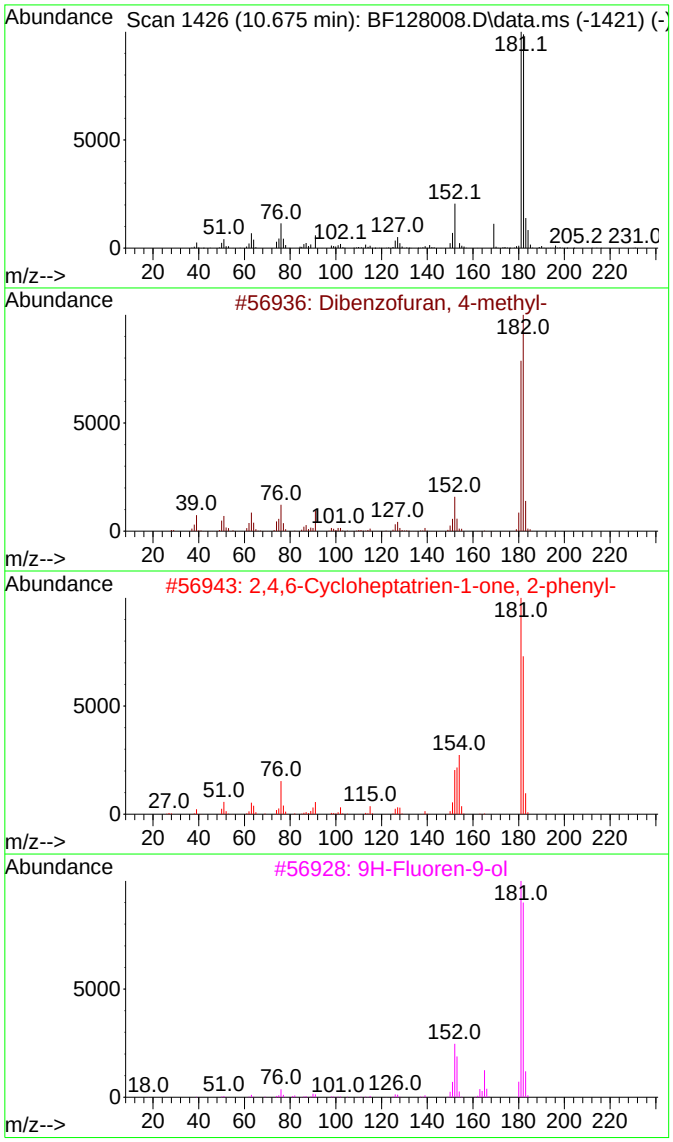
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

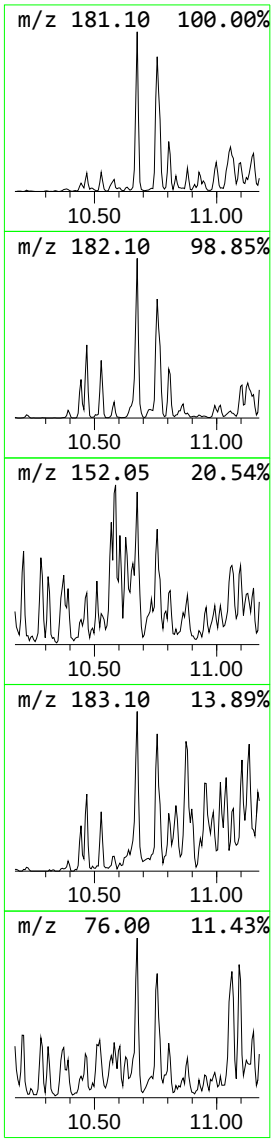
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	19.47 ng	866419	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

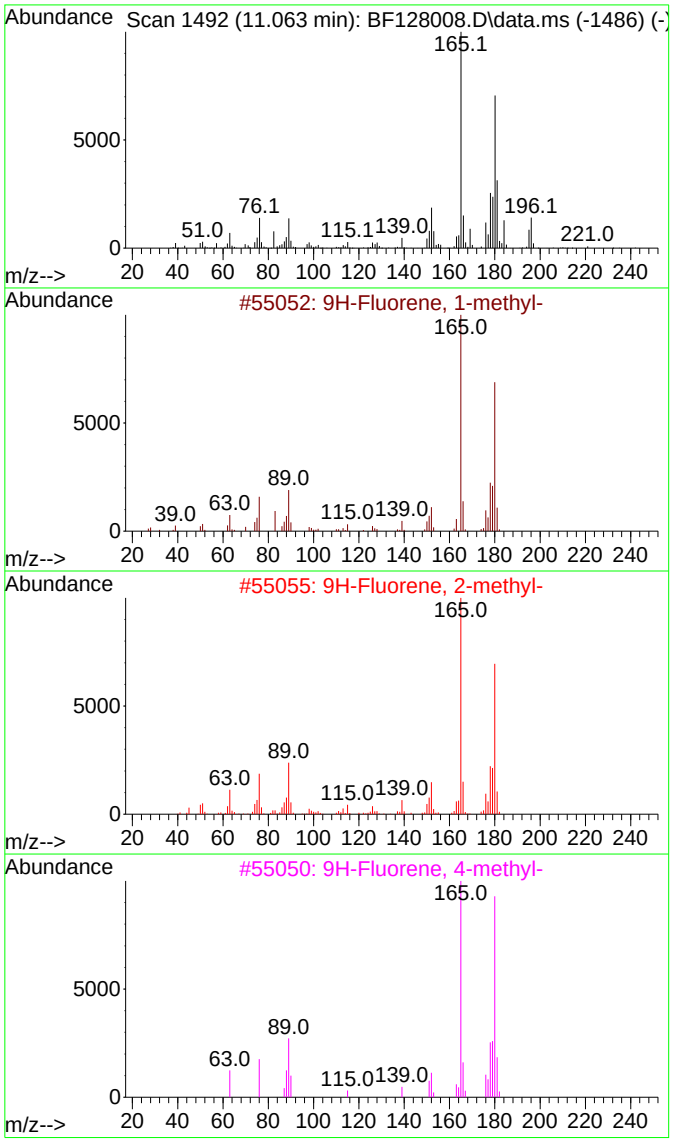
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

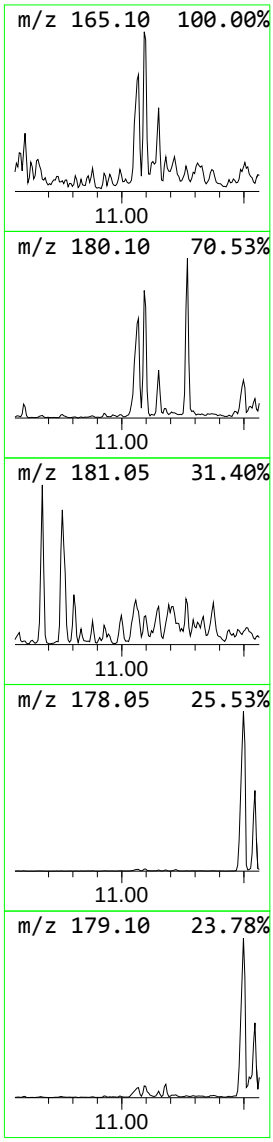
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	16.43 ng	670663	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

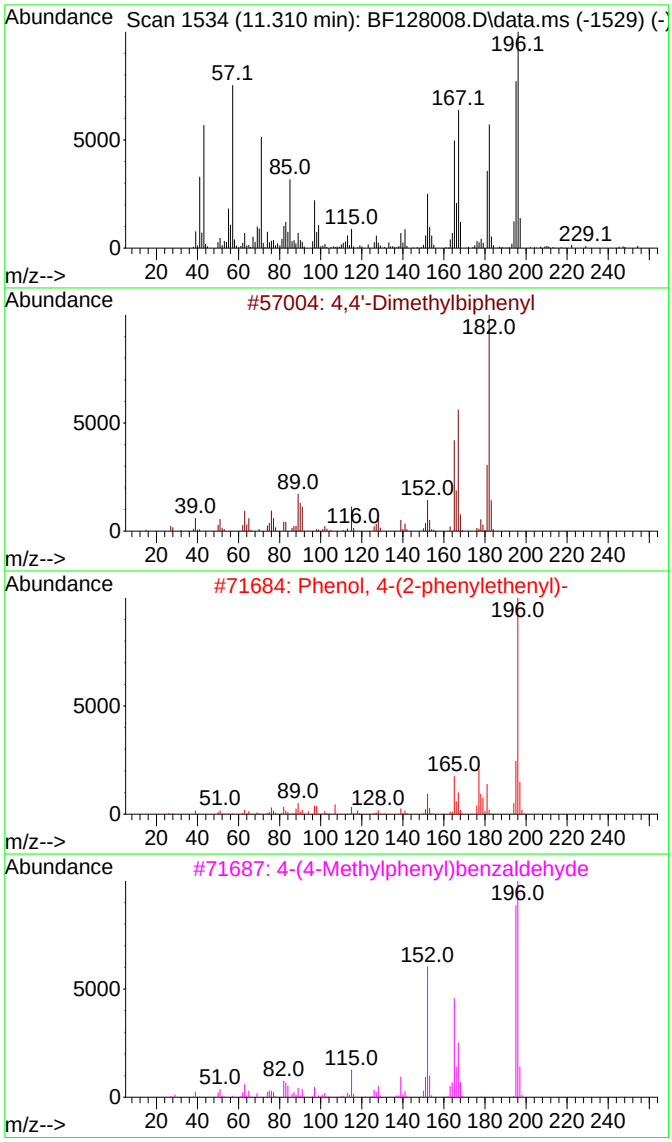
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

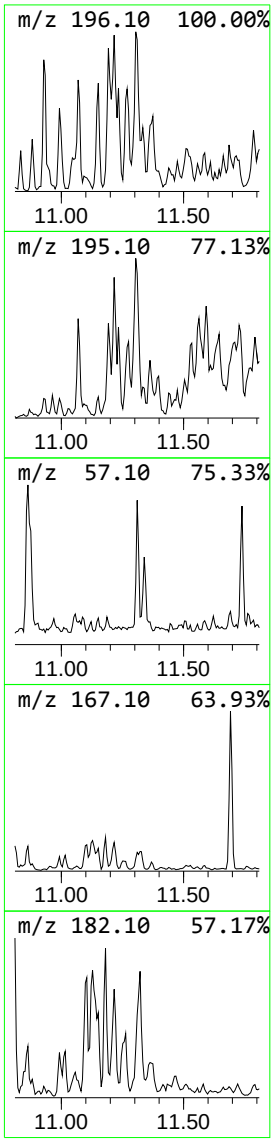
****

Peak Number 4 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	15.53 ng	634068	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	66
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	49
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	49
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

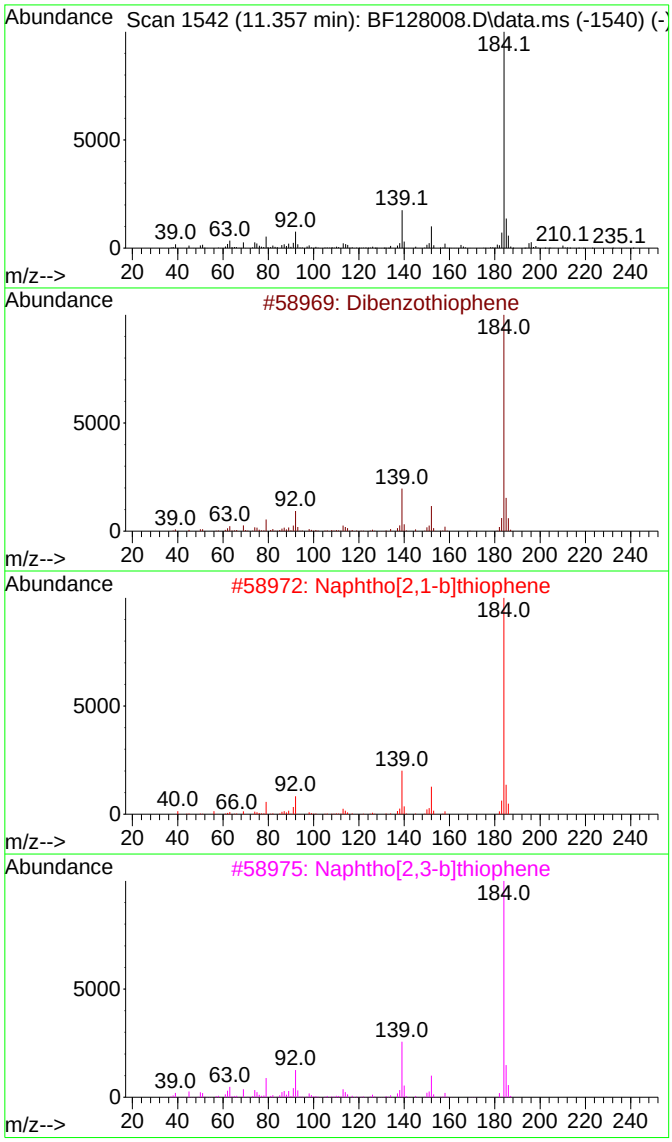
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

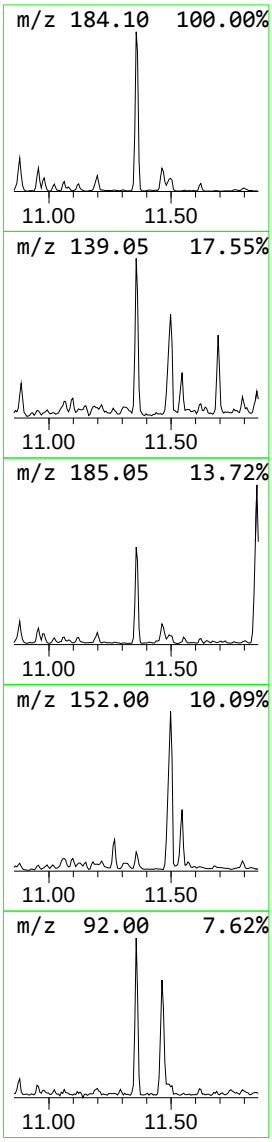
****

Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	17.46 ng	712656	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

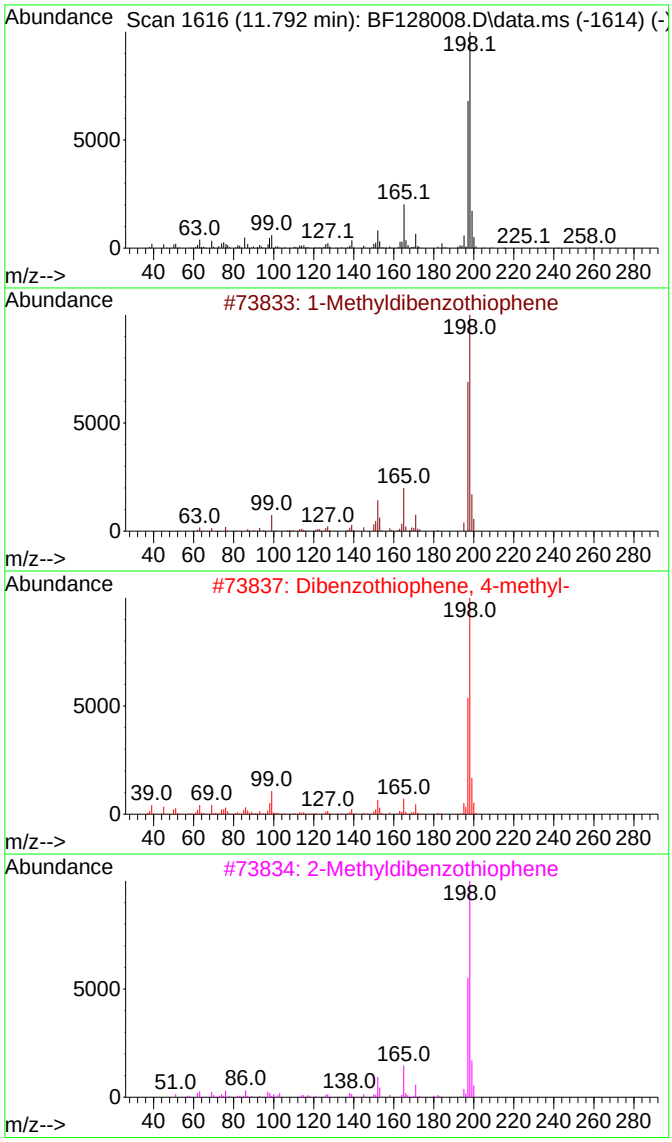
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

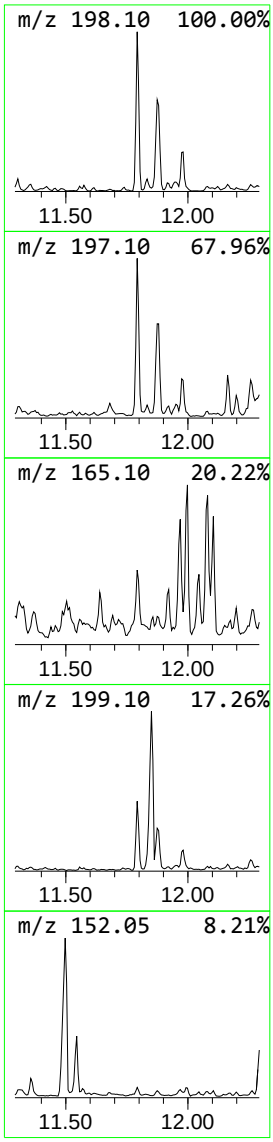
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	13.21 ng	539519	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
5	Thioxanthene	198	C13H10S	000261-31-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

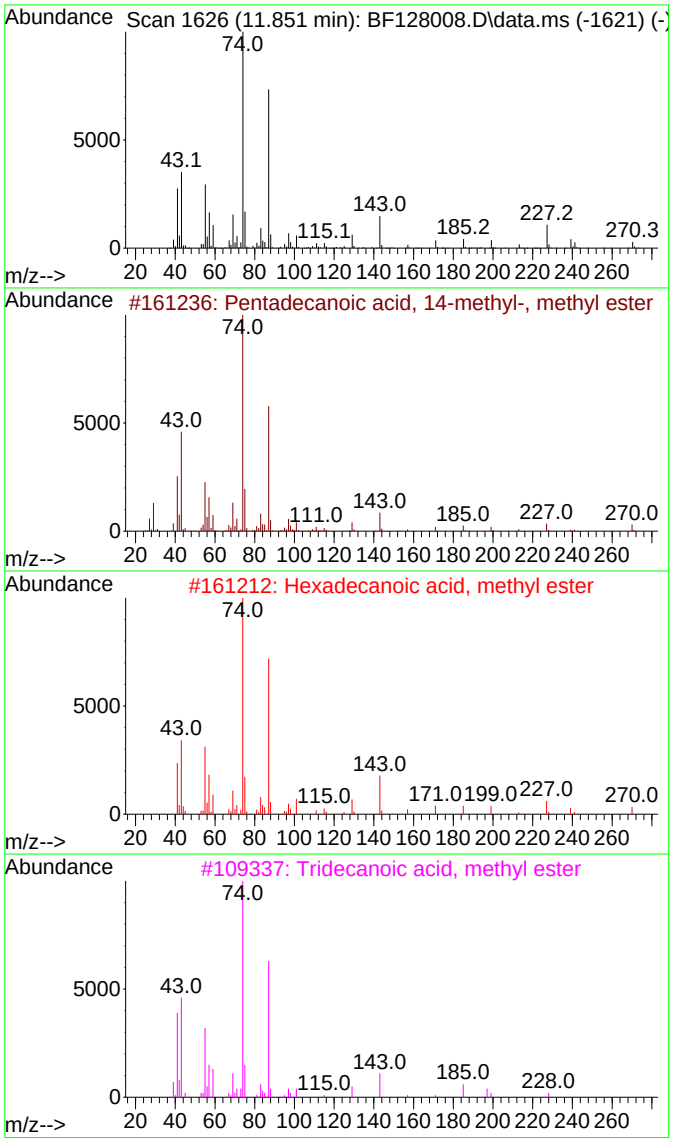
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

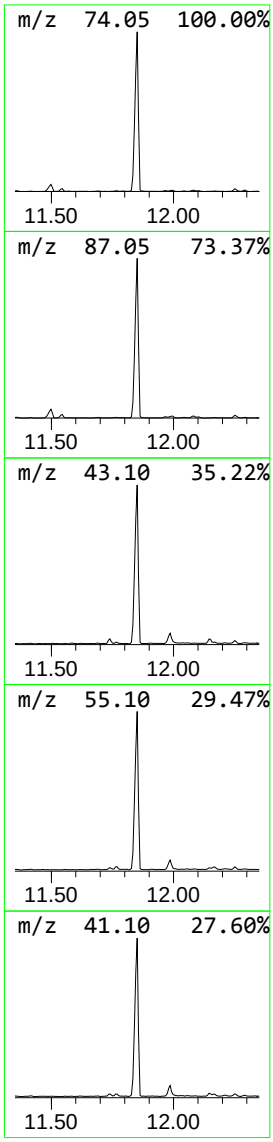
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecanoic acid, 14-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	175.63 ng	7170280	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

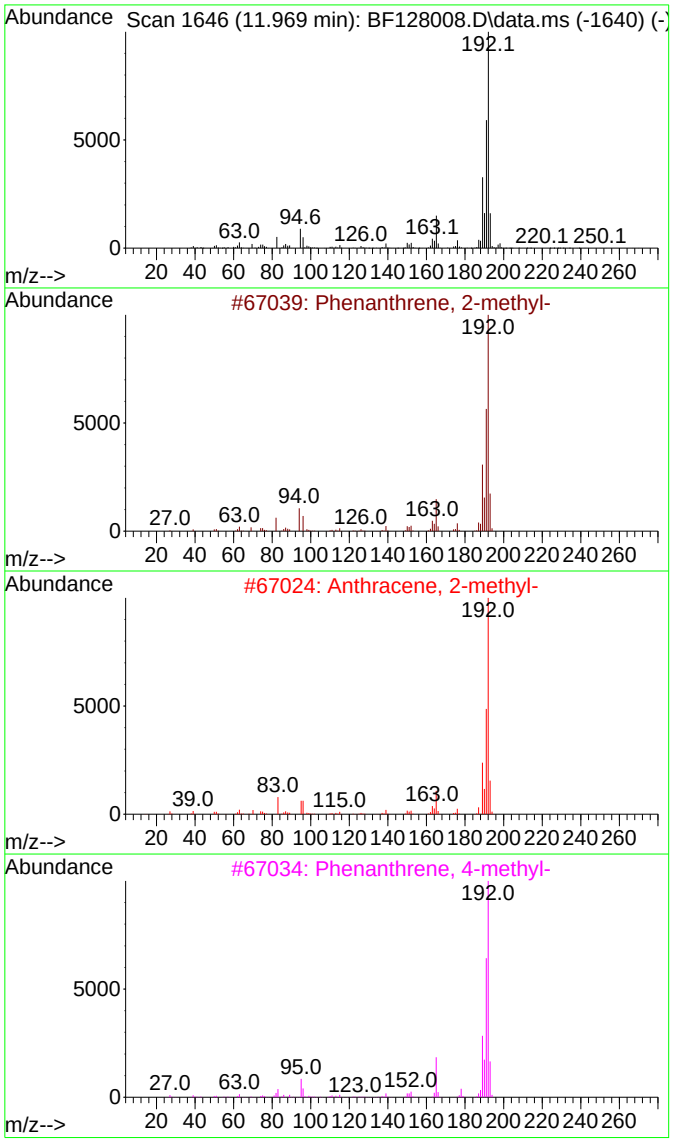
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

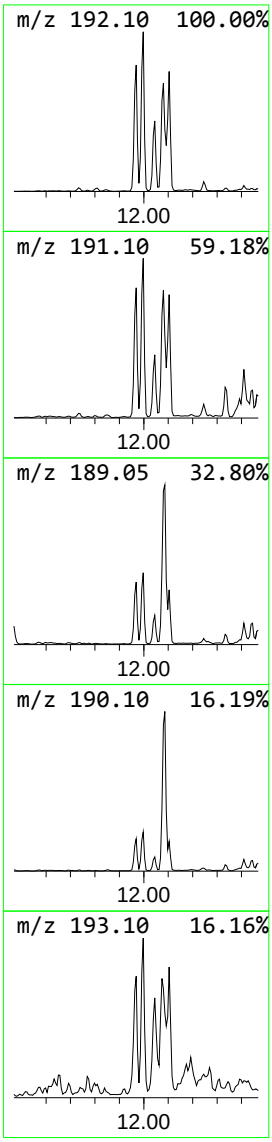
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	37.33 ng	1523900	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

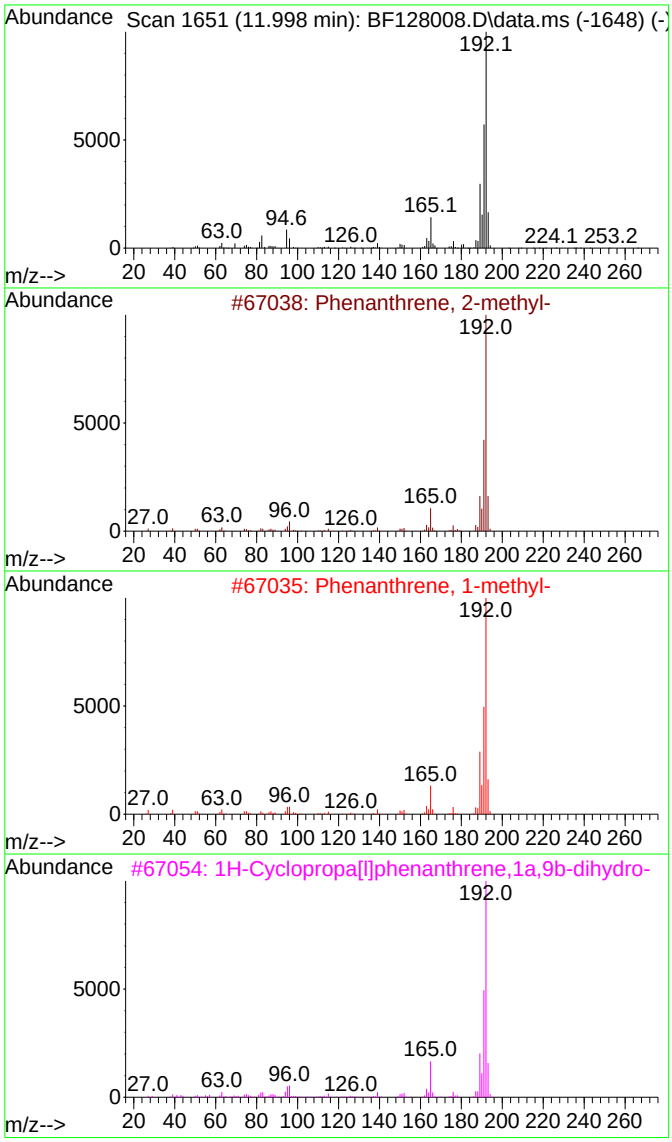
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

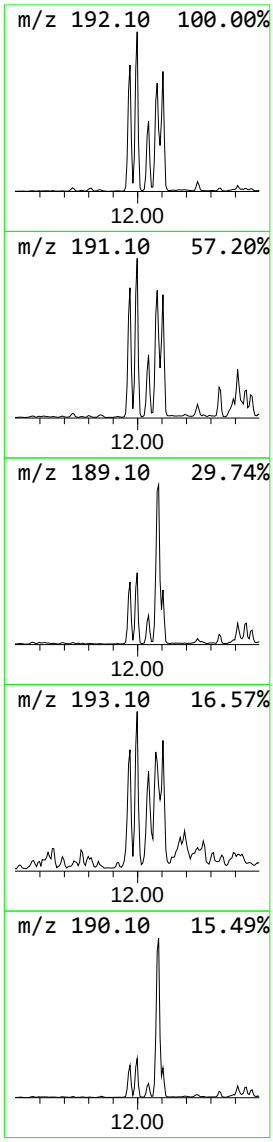
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	42.48 ng	1734190	Phenanthrene-d10	11.463

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

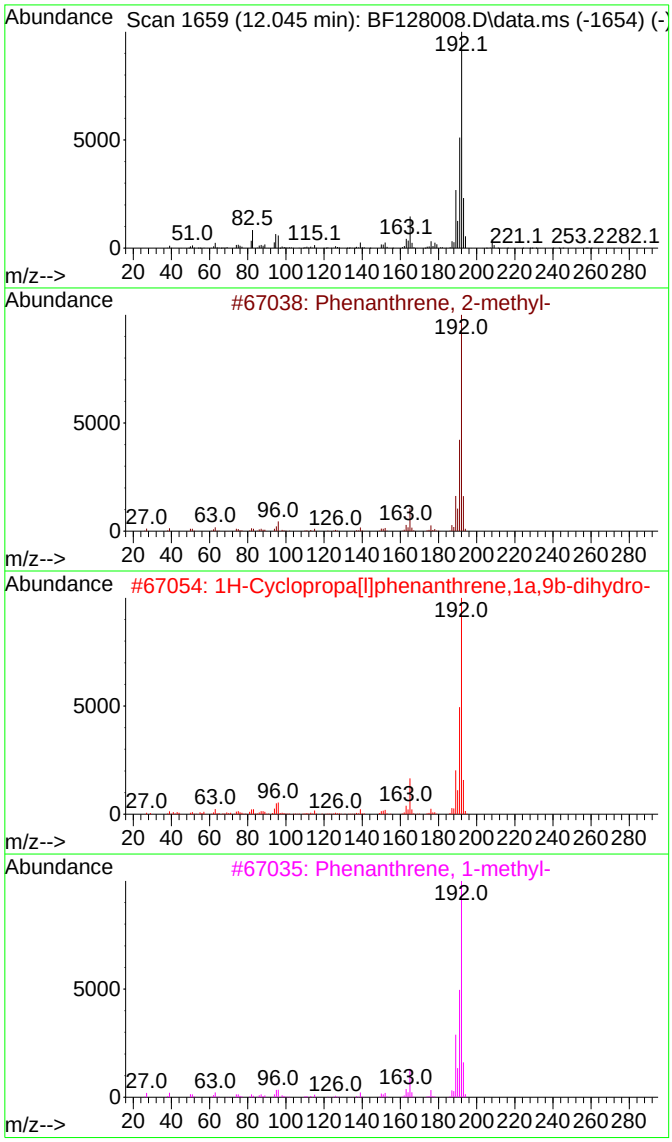
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

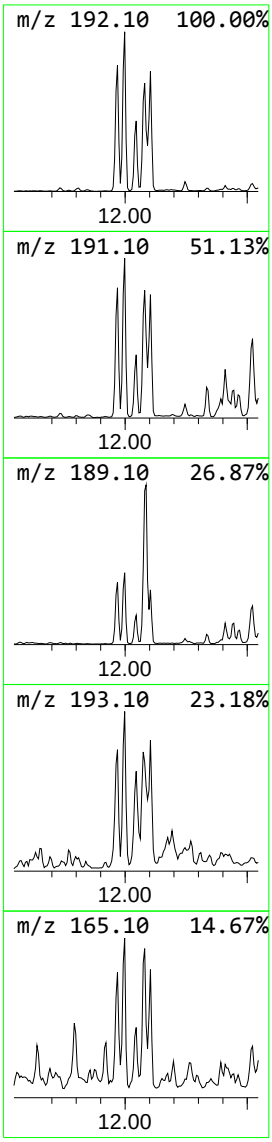
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	19.43 ng	793161	Phenanthrene-d10	11.463

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

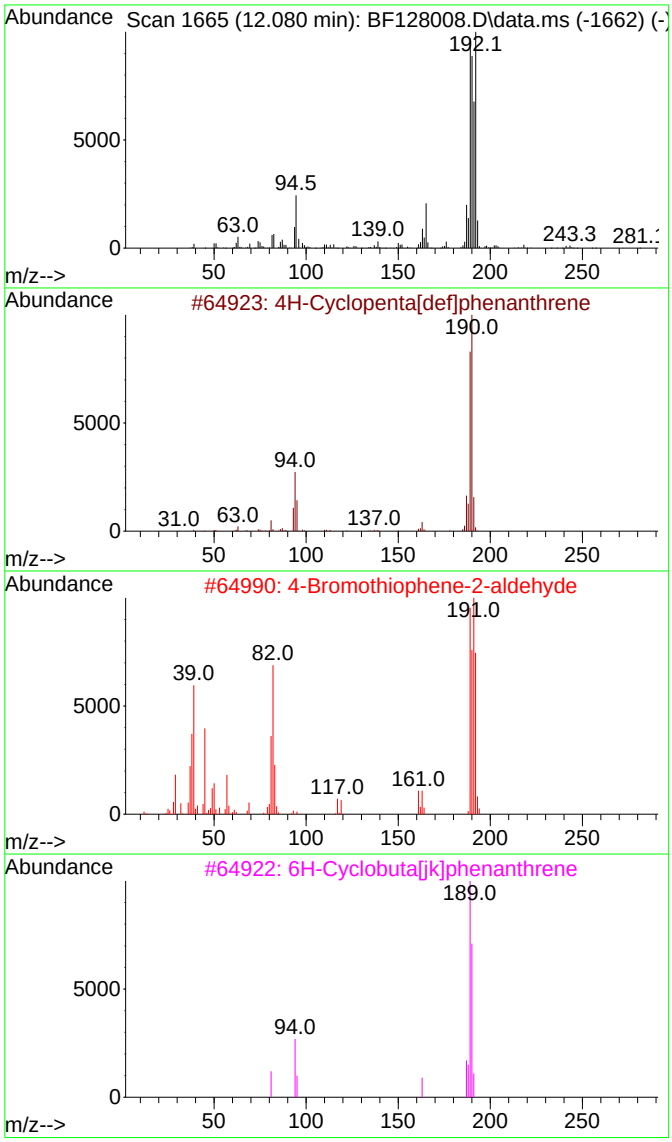
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

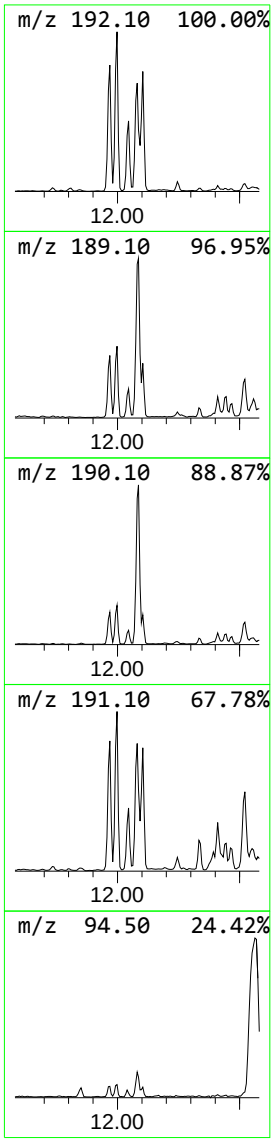
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	54.57 ng	2227770	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

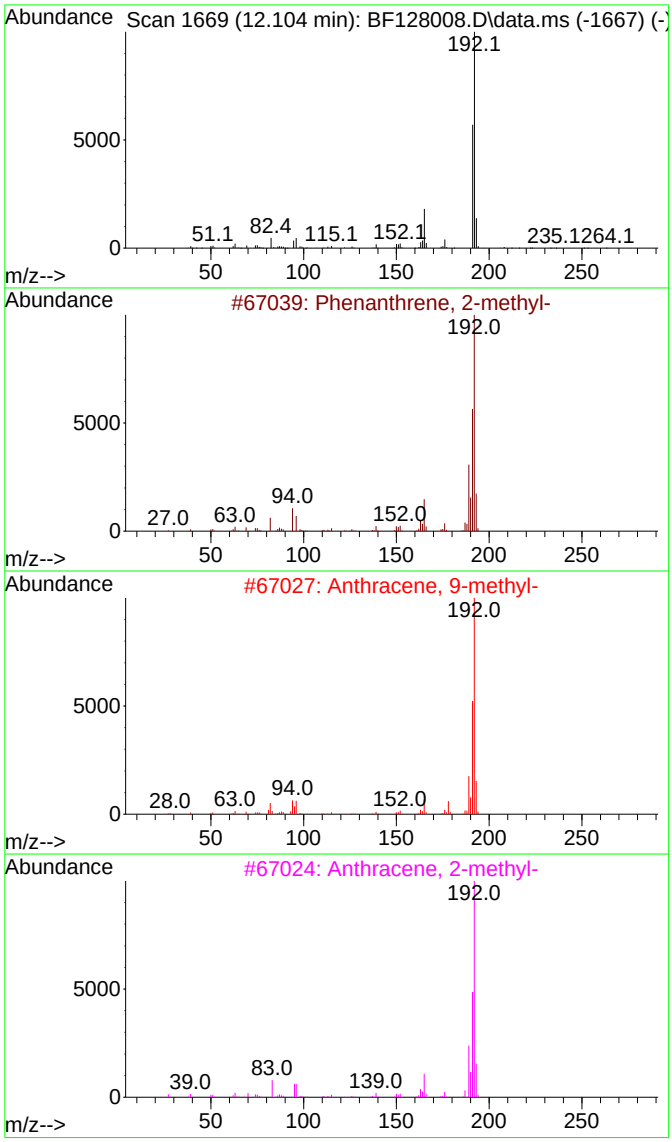
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

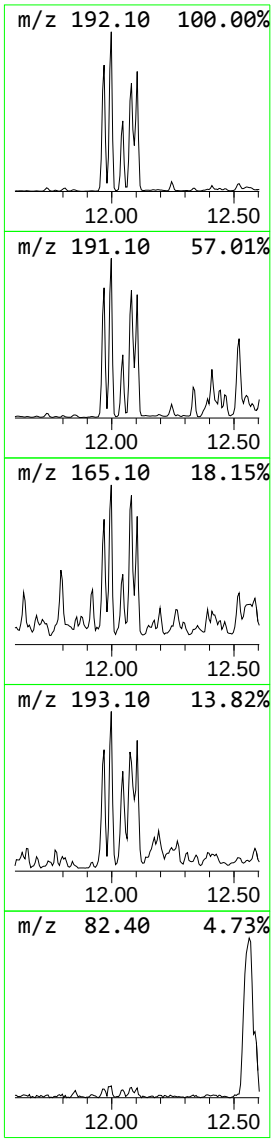
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	22.78 ng	929871	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

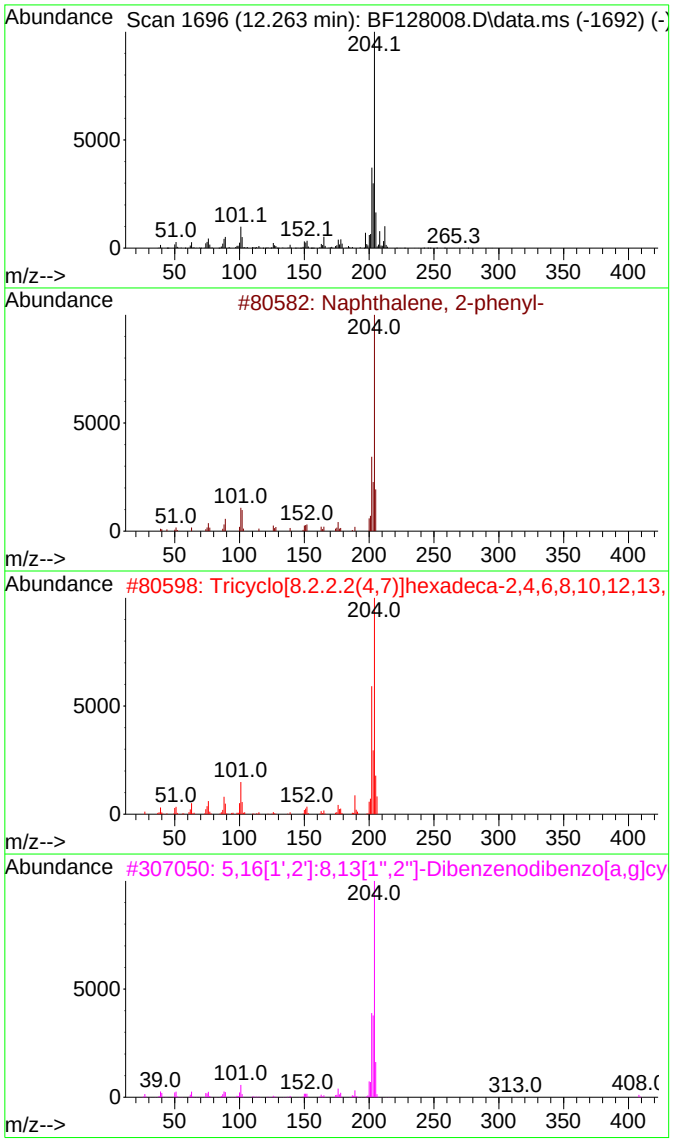
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

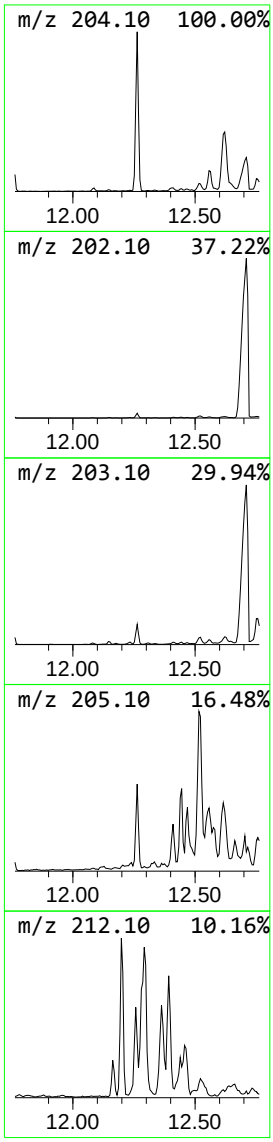
****

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	20.02 ng	817444	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

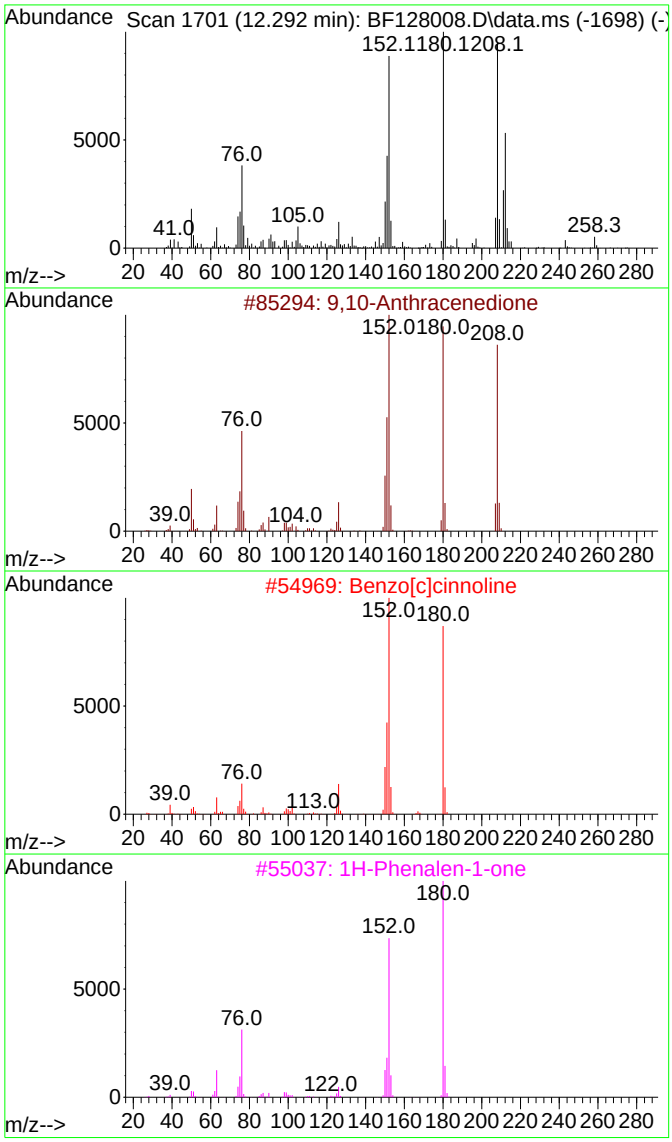
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

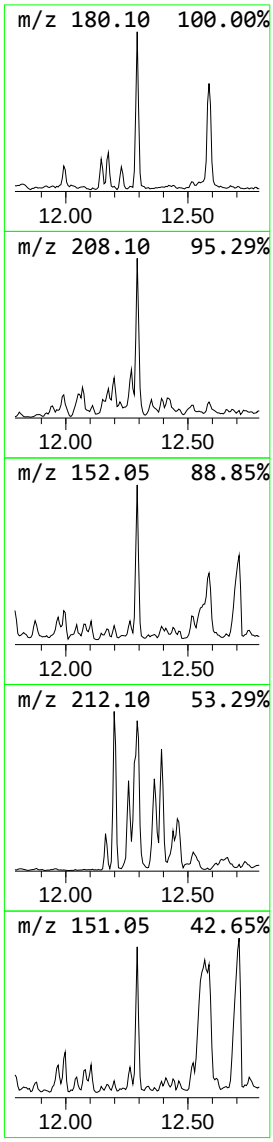
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	19.03 ng	777102	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

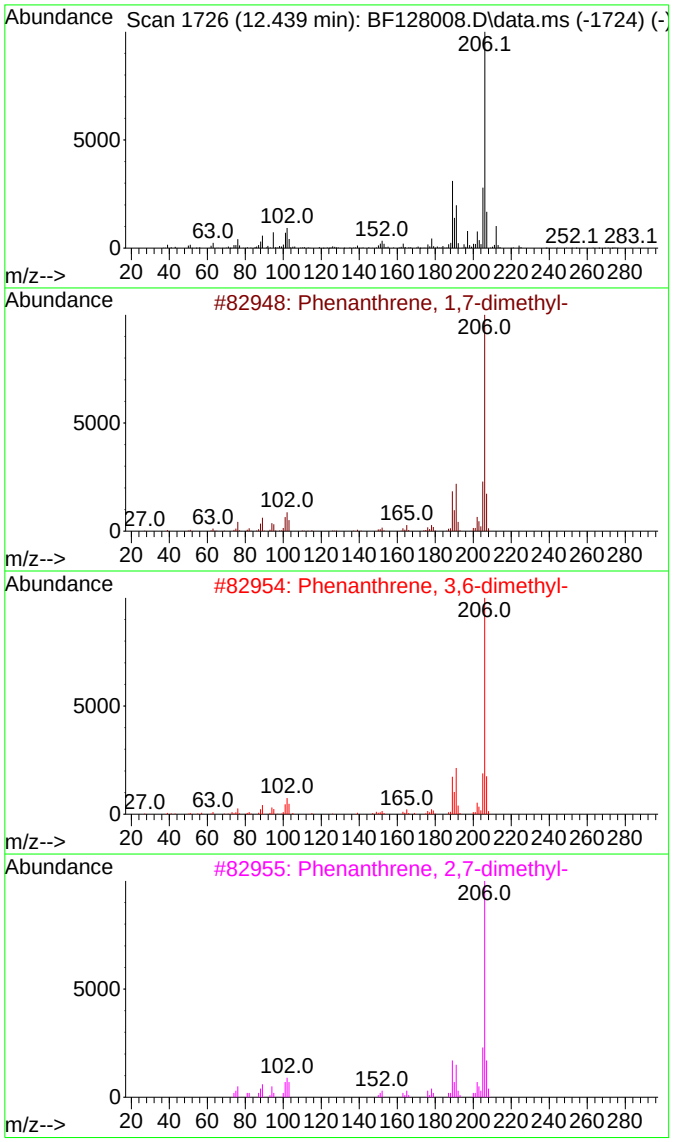
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

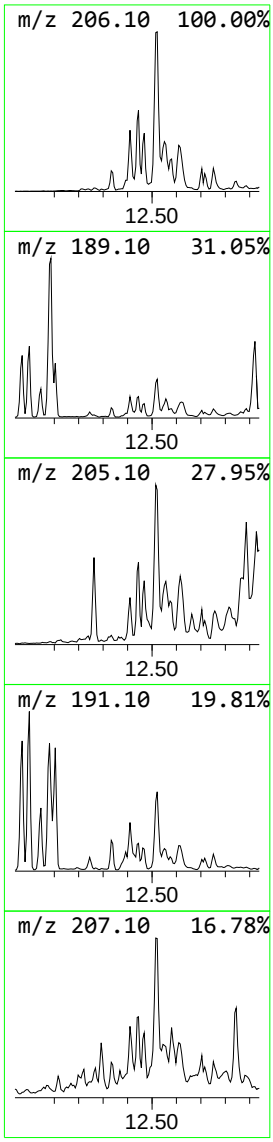
****

Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	12.73 ng	519632	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

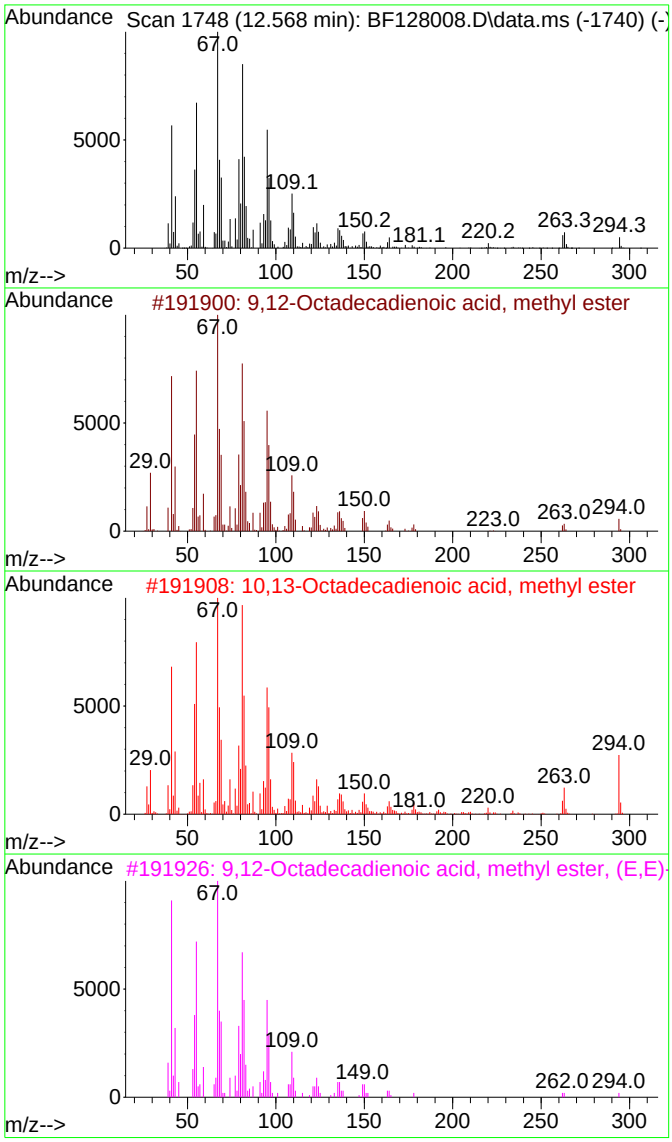
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

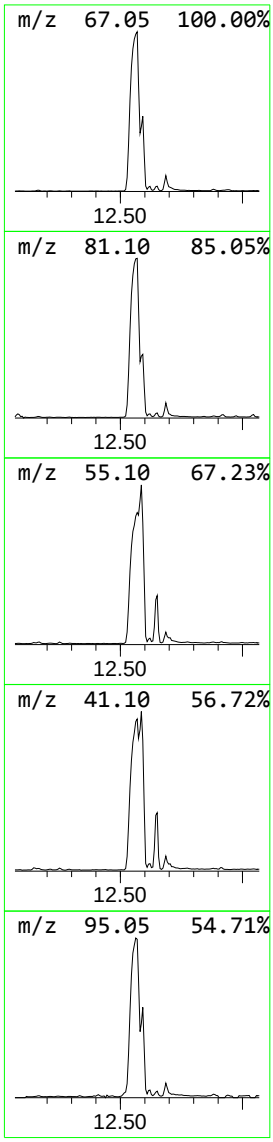
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	546.51 ng	22312100	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

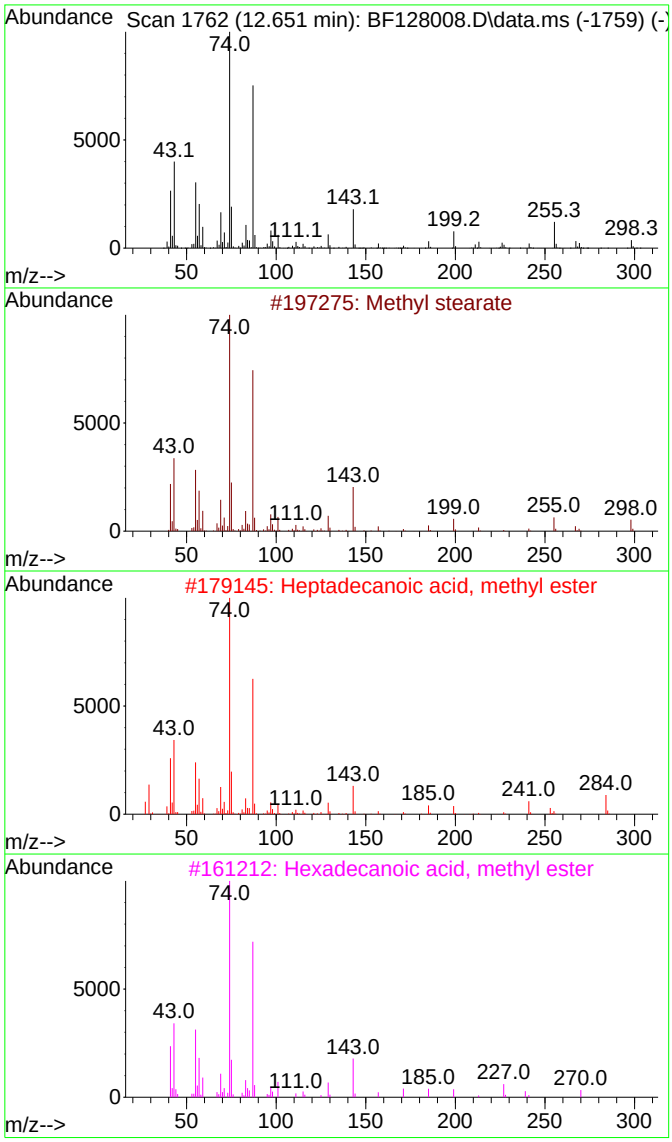
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

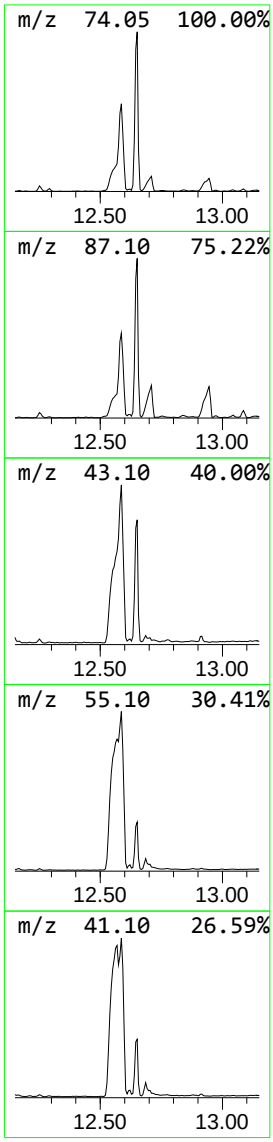
****

Peak Number 17 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	80.71 ng	3295100	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

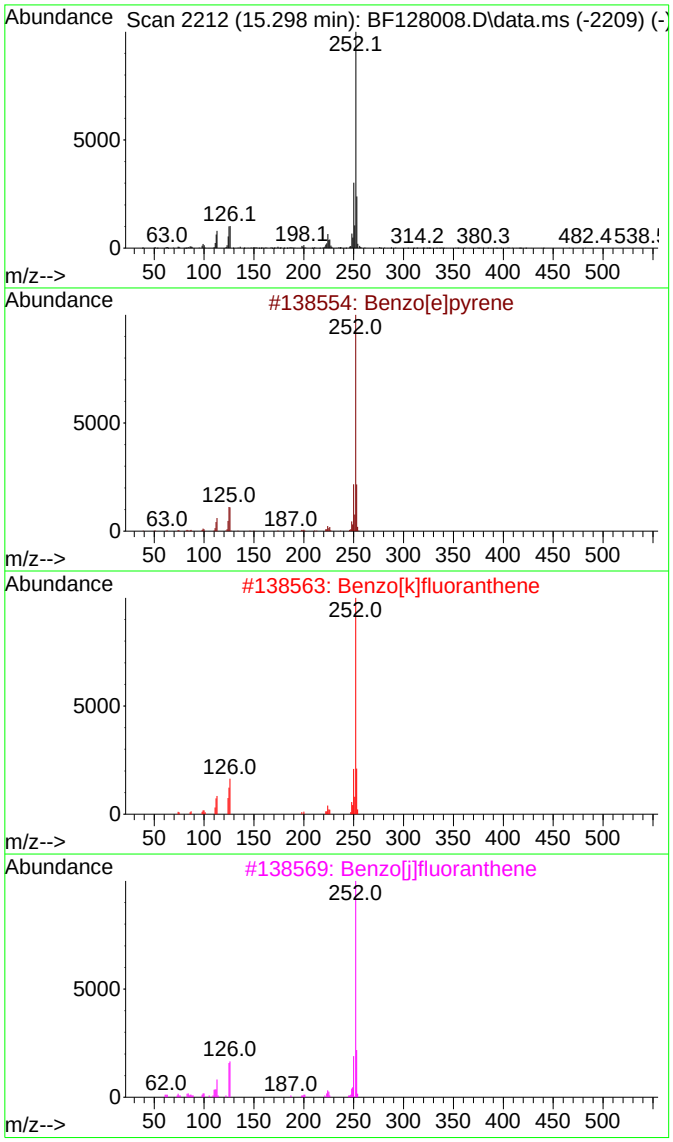
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

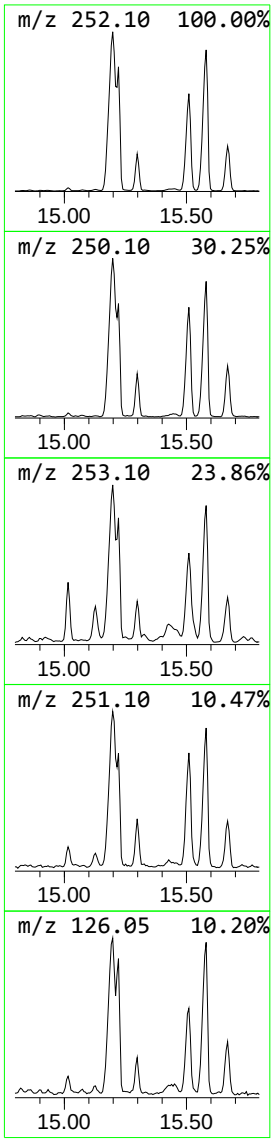
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	14.13 ng	421252	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

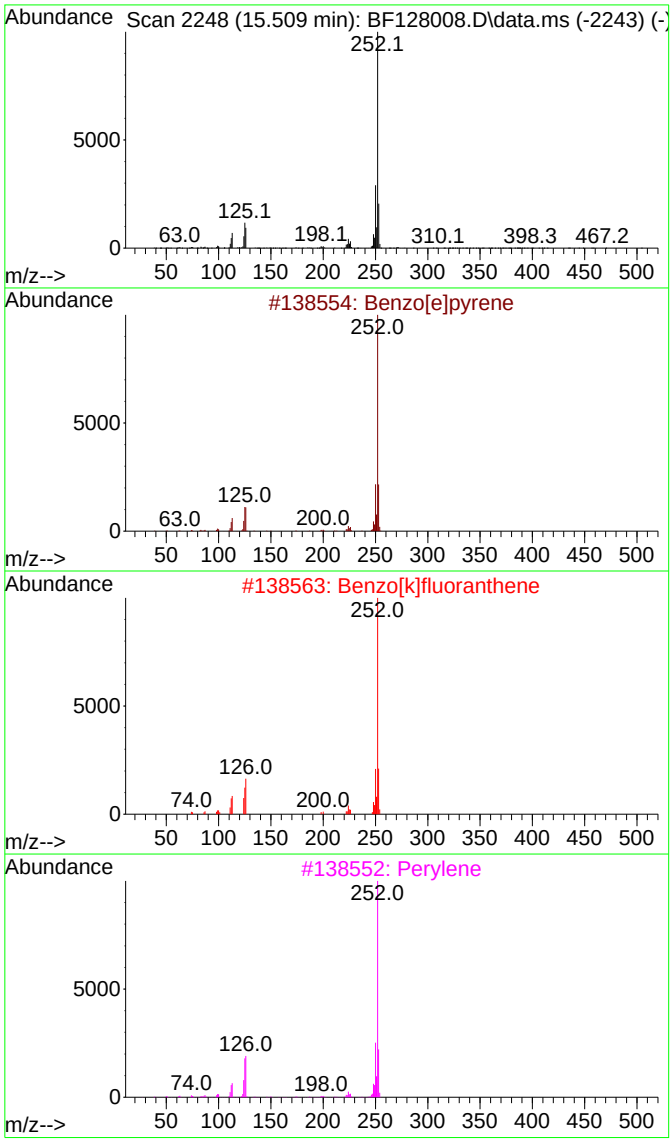
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

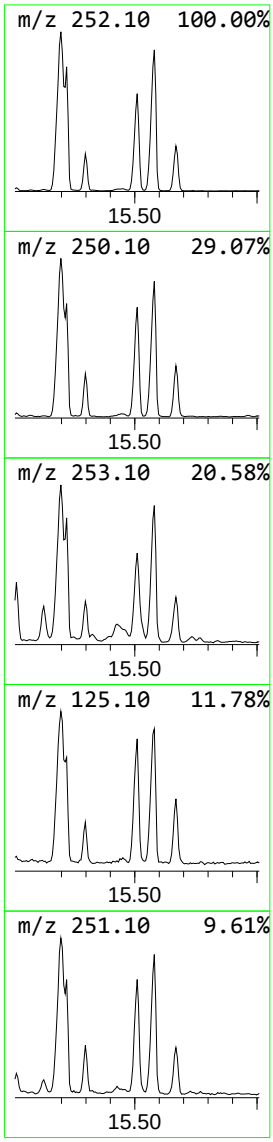
****

Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.509	55.99 ng	1668730	Perylene-d12	15.633

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

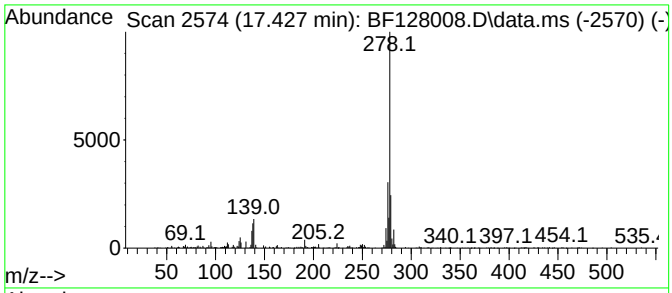
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

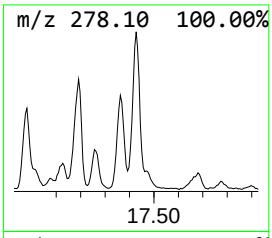
****

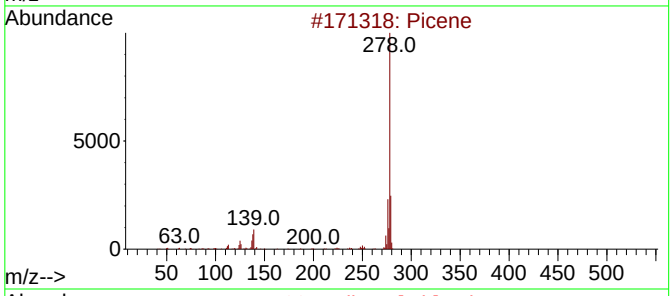
Peak Number 20 Picene Concentration Rank 18

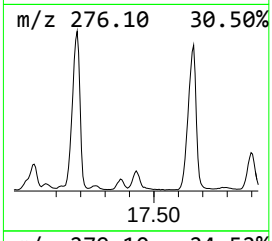
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.427	13.59 ng	405071	Perylene-d12	15.633

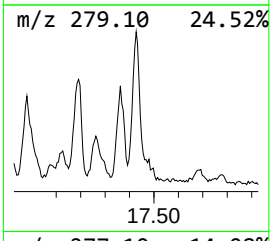
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
4	Benzo[b]chrysene	278	C22H14	000214-17-5	96
5	Pentaphene	278	C22H14	000222-93-5	92

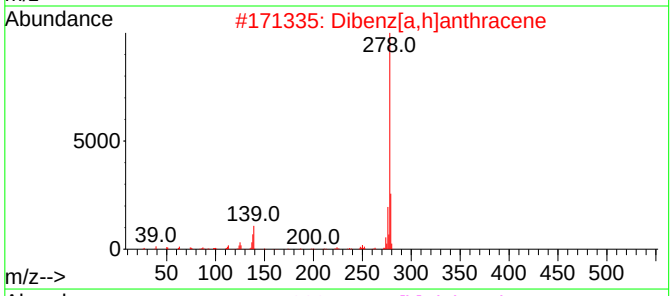


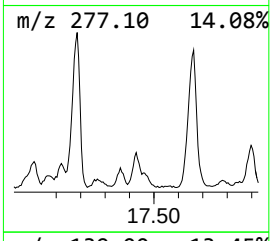


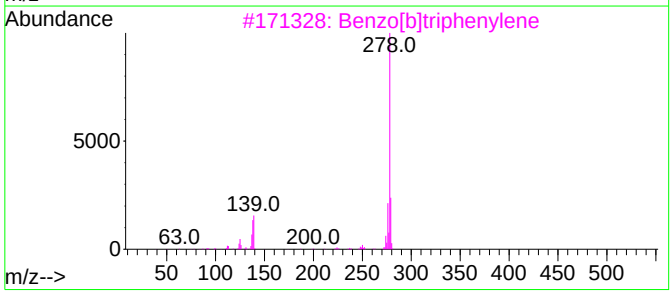


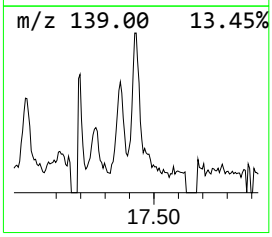












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128008.D
Acq On : 29 Apr 2022 21:32
Operator : CG\JU
Sample : N2605-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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
Naphthalene, 1,...	9.622	16.4	ng	727360	3	9.969	889872	20.0
Dibenzofuran, 4...	10.675	19.5	ng	866419	3	9.969	889872	20.0
9H-Fluorene, 1-...	11.063	16.4	ng	670663	4	11.463	816529	20.0
4,4'-Dimethylbi...	11.310	15.5	ng	634068	4	11.463	816529	20.0
Dibenzothiophene	11.357	17.5	ng	712656	4	11.463	816529	20.0
1-Methyldibenzo...	11.792	13.2	ng	539519	4	11.463	816529	20.0
Pentadecanoic a...	11.851	175.6	ng	7170280	4	11.463	816529	20.0
Phenanthrene, 2...	11.969	37.3	ng	1523900	4	11.463	816529	20.0
Phenanthrene, 1...	11.998	42.5	ng	1734190	4	11.463	816529	20.0
1H-Cyclopropa[l...	12.045	19.4	ng	793161	4	11.463	816529	20.0
4H-Cyclopenta[d...	12.080	54.6	ng	2227770	4	11.463	816529	20.0
Anthracene, 9-m...	12.104	22.8	ng	929871	4	11.463	816529	20.0
Naphthalene, 2-...	12.263	20.0	ng	817444	4	11.463	816529	20.0
9,10-Anthracene...	12.292	19.0	ng	777102	4	11.463	816529	20.0
Phenanthrene, 1...	12.439	12.7	ng	519632	4	11.463	816529	20.0
9,12-Octadecadi...	12.569	546.5	ng	22312100	4	11.463	816529	20.0
Methyl stearate	12.651	80.7	ng	3295100	4	11.463	816529	20.0
Benzo[e]pyrene	15.298	14.1	ng	421252	6	15.633	596076	20.0
Perylene	15.509	56.0	ng	1668730	6	15.633	596076	20.0
Picene	17.427	13.6	ng	405071	6	15.633	596076	20.0