LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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: BF128831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	529	532	545	rBV	1393496	1405232	64.40%	4.549%
2	6.440	702	706	715	rBV	1668066	1415312	64.86%	4.582%
3	6.781	761	764	768	rBV	504163	402019	18.42%	1.301%
4	7.045	806	809	815	rBV	18840	25109	1.15%	0.081%
5	7.351	856	861	864	rBV	967416	878531	40.26%	2.844%
6	8.069	979	983	985	rBV	575278	459656	21.07%	1.488%
7	9.145	1162	1166	1169	rBV	2164922	1635119	74.94%	5.294%
8	9.481	1220	1223	1225	rBV	38528	32179	1.47%	0.104%
9	9.545	1229	1234	1237	rVV4	43085	50627	2.32%	0.164%
10	9.592	1237	1242	1248	rVB8	21647	37383	1.71%	0.121%
11	9.686	1255	1258	1262	rBV	166395	142610	6.54%	0.462%
12	9.822	1278	1281	1284	rBV	594181	483774	22.17%	1.566%
13	9.857	1284	1287	1289	rVB	60974	51310	2.35%	0.166%
14	9.939	1296	1301	1304	rBV5	38773	50597	2.32%	0.164%
15	10.069	1320	1323	1328	rVB3	24873	28560	1.31%	0.092%
16	10.139	1332	1335	1338	rBV2	32043	34671	1.59%	0.112%
17	10.228	1347	1350	1352	rBV3	24178	32979	1.51%	0.107%
18	10.251	1352	1354	1356	rVB2	47166	35452	1.62%	0.115%
19	10.369	1371	1374	1380	rVB2	59033	65890	3.02%	0.213%
20	10.433	1381	1385	1387	rBV5	17425	23398	1.07%	0.076%
21	10.616	1413	1416	1420	rBV	934363	771194	35.34%	2.497%
22	10.739	1432	1437	1441	rBV3	83343	120714	5.53%	0.391%
23	10.922	1465	1468	1471	rBV4	29343	33327	1.53%	0.108%
24	11.122	1498	1502	1505	rVB2	47871	45043	2.06%	0.146%
25	11.175	1506	1511	1513	rBV2	62743	74245	3.40%	0.240%
26	11.204	1513	1516	1521	rVB2	78908	95611	4.38%	0.310%
27	11.263	1523	1526	1531	rBV3	30102	39929	1.83%	0.129%
28	11.316	1531	1535	1537	rBV	557779	537844	24.65%	1.741%
29	11.339	1537	1539	1541	rVV	810806	595329	27.28%	1.927%
30	11.363	1541	1543	1545	rVV	57329	47539	2.18%	0.154%
31	11.386	1545	1547	1550	rVB	242134	210441	9.64%	0.681%
32	11.422	1550	1553	1555	rBV2	49359	49576	2.27%	0.160%
33	11.528	1568	1571	1572	rBV3	39445	44897	2.06%	0.145%
34	11.545	1572	1574	1580	rVV2	63945	91171	4.18%	0.295%
35	11.604	1582	1584	1588	rVB2	74765	69426	3.18%	0.225%
36	11.645	1588	1591	1594	rBV2	52336	49711	2.28%	0.161%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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	11.704	1599	1601	1603	rVV2	85199	59749	2.74%	0.193%
38	11.792	1614	1616	1617	rBV	42376	30750	1.41%	0.100%
39	11.816	1617	1620	1623	rVV	164199	147421	6.76%	0.477%
40	11.845	1623	1625	1630	rVV2	346384	350976	16.08%	1.136%
41	11.892	1630	1633	1635	rVV	93095	86053	3.94%	0.279%
42	11.927	1635	1639	1641	rVV2	316240	319559	14.65%	1.035%
43	11.951	1641	1643	1646	rVB	127129	100112	4.59%	0.324%
44	12.004	1649	1652	1657	rVV5	192712	189651	8.69%	0.614%
45	12.051	1658	1660	1662	rVV2	34515	24787	1.14%	0.080%
46	12.110	1667	1670	1673	rVV	130223	127263	5.83%	0.412%
47	12.139	1673	1675	1679	rVB	120185	116884	5.36%	0.378%
48	12.263	1694	1696	1698	rVB	46388	35464	1.63%	0.115%
49	12.292	1698	1701	1703	rVB	74582	61755	2.83%	0.200%
50	12.316	1703	1705	1709	rVB	47103	43946	2.01%	0.142%
51	12.369	1711	1714	1716	rBV	163423	158653	7.27%	0.514%
52	12.392	1716	1718	1720	rVV2	275940	268474	12.30%	0.869%
53	12.410	1720	1721	1726	rVB2	328204	290184	13.30%	0.939%
54	12.457	1726	1729	1733	rBV	158459	175067	8.02%	0.567%
55	12.498	1733	1736	1738	rBV3	89251	86774	3.98%	0.281%
56	12.539	1738	1743	1745	rBV	2086200	1982426	90.85%	6.418%
57	12.633	1756	1759	1762	rBV2	80545	88046	4.04%	0.285%
58	12.769	1775	1782	1787	rBV	1998948	2182023	100.00%	7.064%
59	12.810	1787	1789	1793	rVB2	94406	120671	5.53%	0.391%
60	12.880	1798	1801	1802	rBV	134939	115475	5.29%	0.374%
61	12.904	1802	1805	1808	rVB	1663889	1293954	59.30%	4.189%
62	12.980	1814	1818	1822	rBV2	175575	285999	13.11%	0.926%
63	13.069	1830	1833	1834	rBV2	151460	163327	7.49%	0.529%
64	13.092	1834	1837	1840	rVB	334993	343652	15.75%	1.113%
65	13.157	1845	1848	1851	rVV	207672	174945	8.02%	0.566%
66	13.192	1851	1854	1858	rVV2	225124	247355	11.34%	0.801%
67	13.286	1868	1870	1873	rBV	143938	112959	5.18%	0.366%
68	13.316	1873	1875	1877	rBV	142116	142030	6.51%	0.460%
69	13.604	1921	1924	1927	rVB	169430	173239	7.94%	0.561%
70	13.710	1939	1942	1945	rBV	221757	227823	10.44%	0.738%
71	13.739	1945	1947	1949	rVV	183106	145069	6.65%	0.470%
72	13.763	1949	1951	1955	rVV2	145153	176511	8.09%	0.571%
73	13.810	1956	1959	1962	rVB2	216594	219606	10.06%	0.711%
74	13.957	1980	1984	1988	rBV2	1072204	1461065	66.96%	4.730%
75	13.992	1988	1990	1993	rVB	912844	729645	33.44%	2.362%
76	14.063	1998	2002	2005	rBV3	258738	372021	17.05%	1.204%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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	14.351	2047	2051	2054	rBV3	355993	440096	20.17%	1.425%
78	14.427	2061	2064	2066	rBV2	350484	334602	15.33%	1.083%
79	14.474	2070	2072	2074	rBV3	168533	174741	8.01%	0.566%
80	15.010	2159	2163	2166	rBV	775005	1184336	54.28%	3.834%
81	15.068	2169	2173	2177	rVB	1096977	1226803	56.22%	3.972%
82	15.310	2210	2214	2218	rVB	413800	478542	21.93%	1.549%
83	15.368	2221	2224	2229	rVB	623039	743841	34.09%	2.408%
84	15.433	2232	2235	2238	rBV2	210197	242109	11.10%	0.784%
85	15.868	2305	2309	2315	rVB	750913	1068068	48.95%	3.458%
86	17.486	2578	2584	2595	rVB3	564194	1398029	64.07%	4.526%

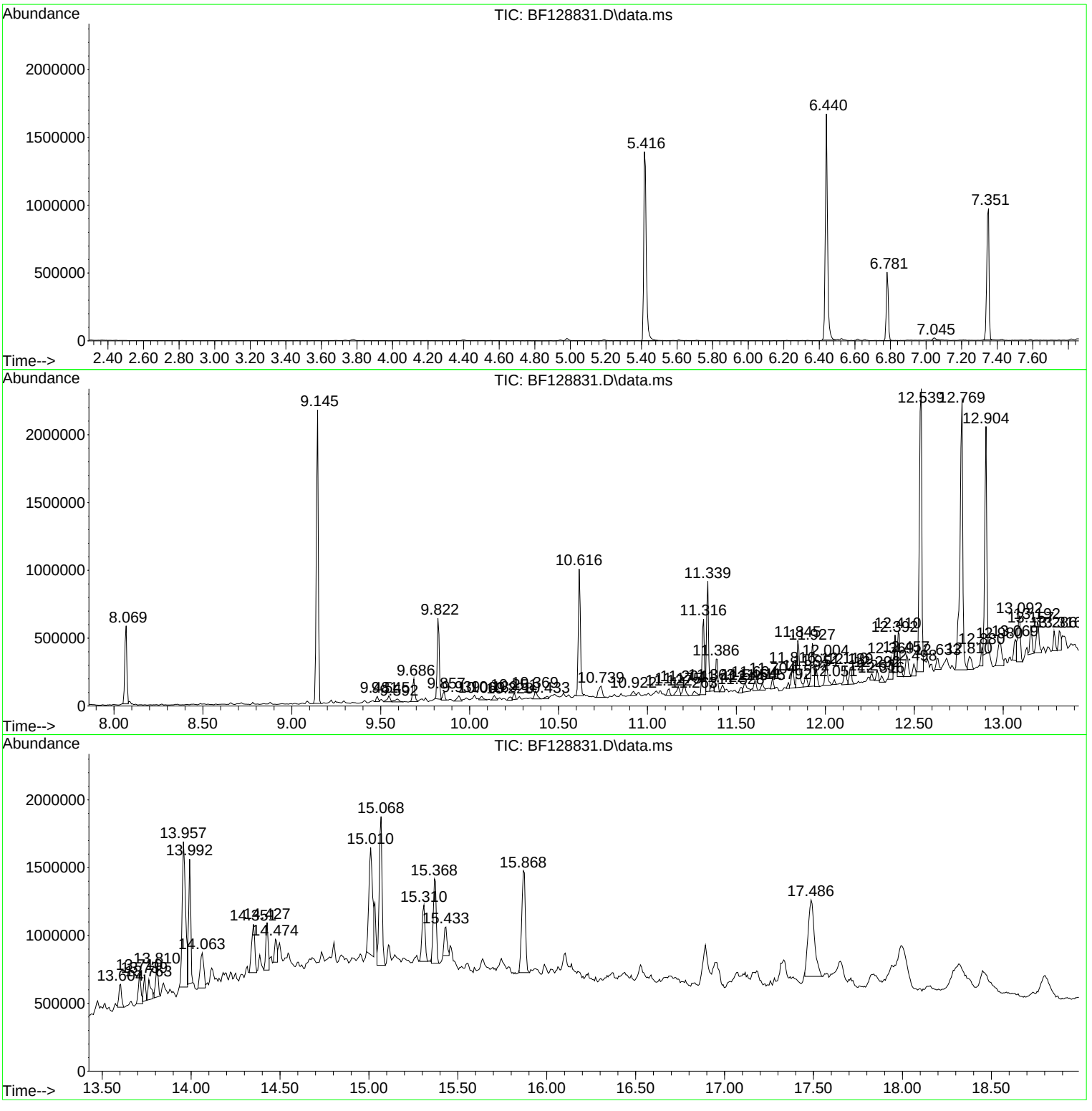
Sum of corrected areas: 30888935

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

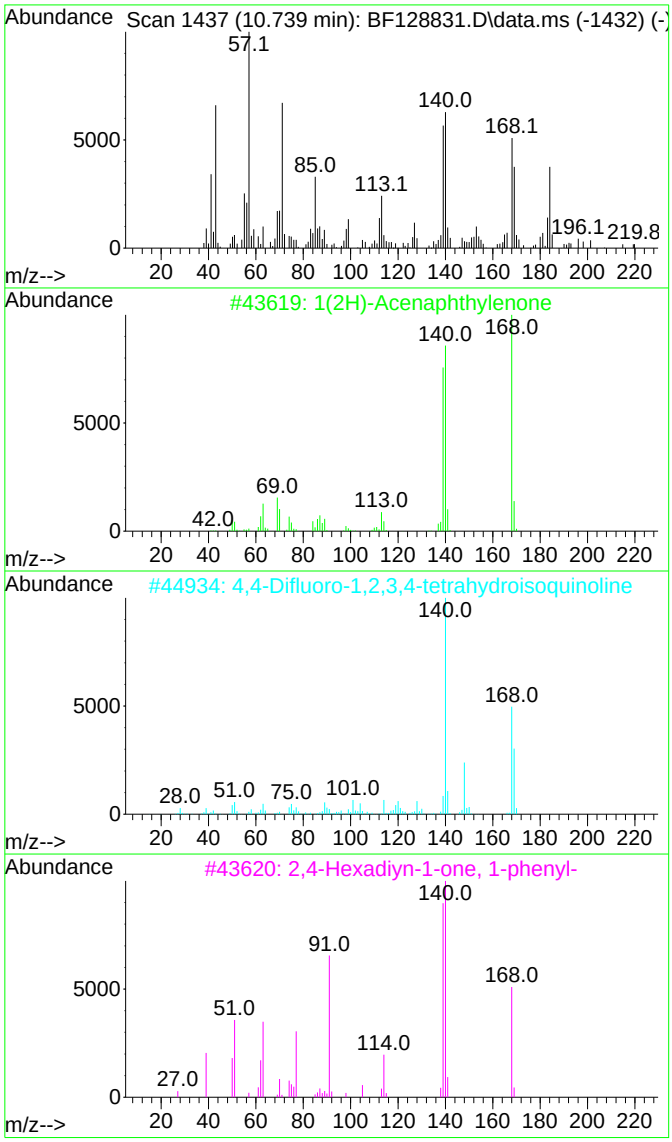
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

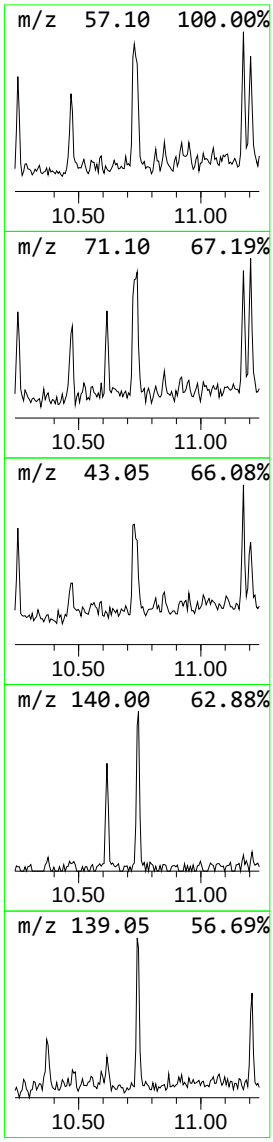
****

Peak Number 1 unknown10.739 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	4.49 ng	120714	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	43
2	4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	42
3	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	38
4	o-Chloro-N,N-diethylaniline	183	C10H14ClN	019372-80-6	30
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

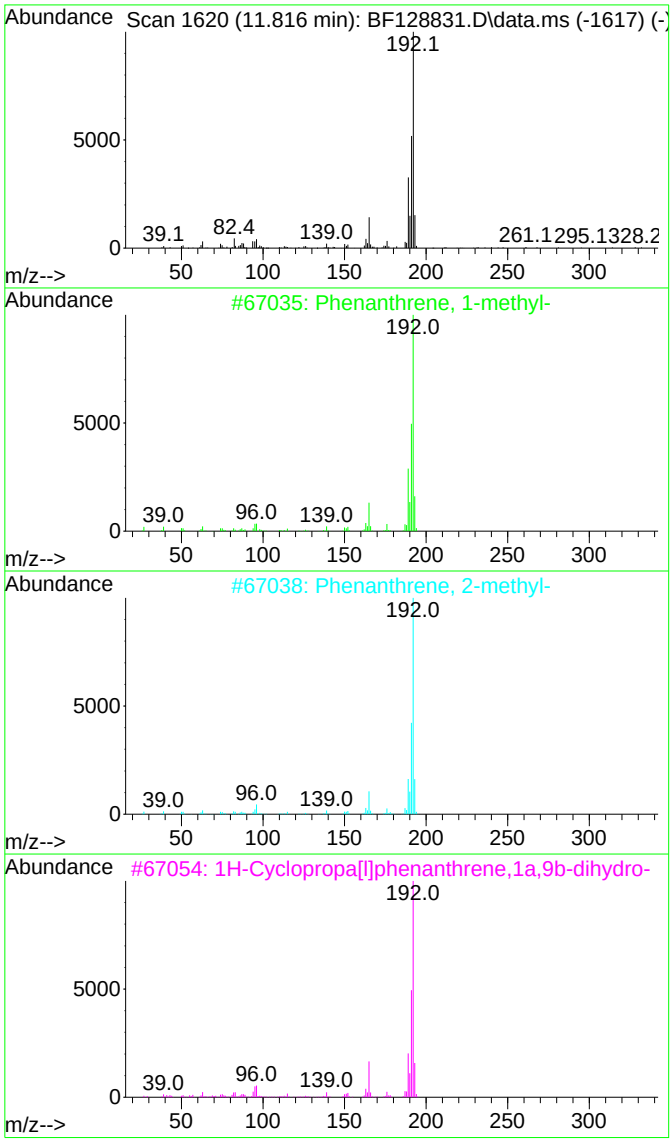
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

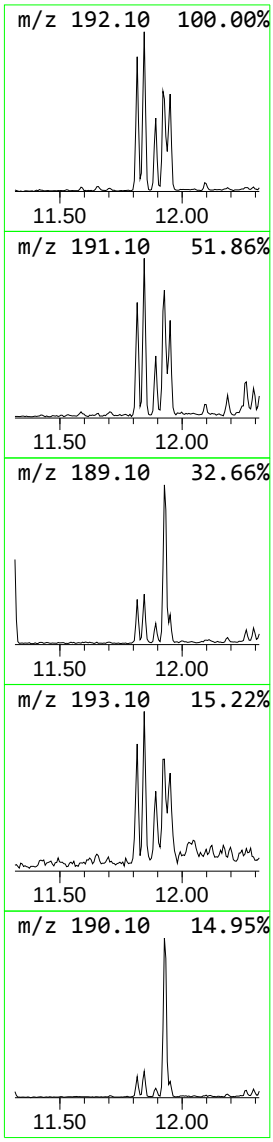
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	5.48 ng	147421	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

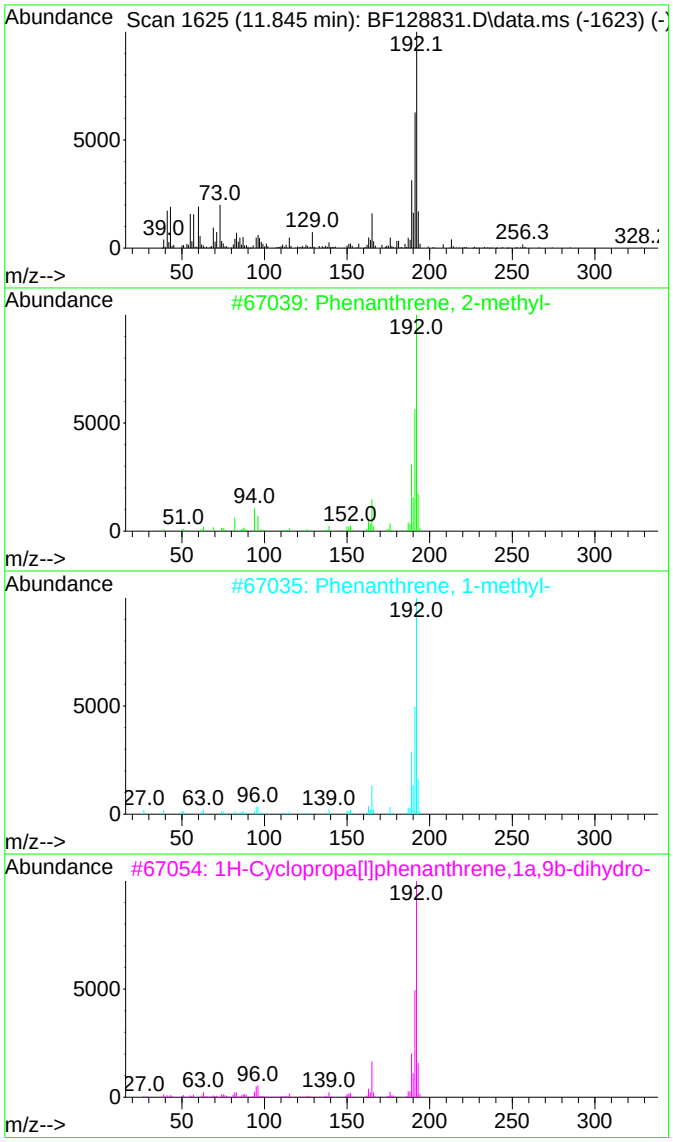
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

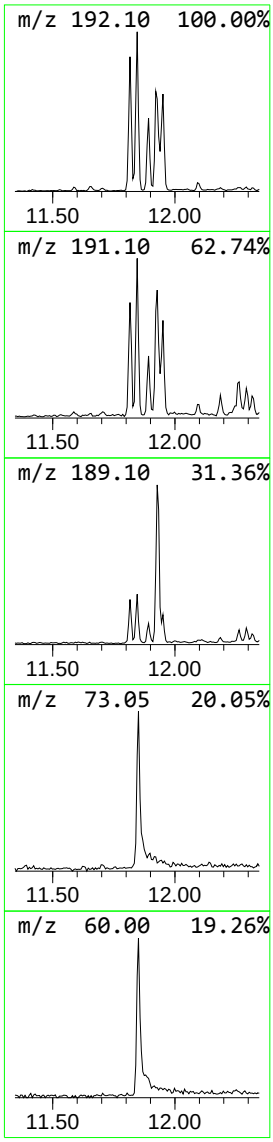
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	13.05 ng	350976	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

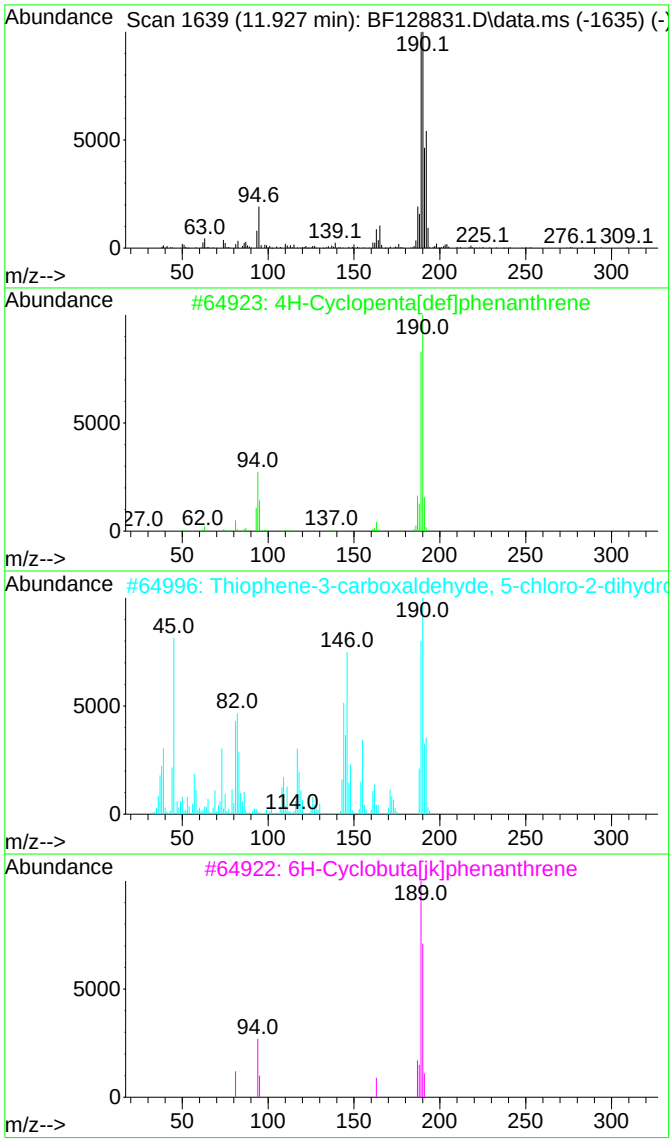
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

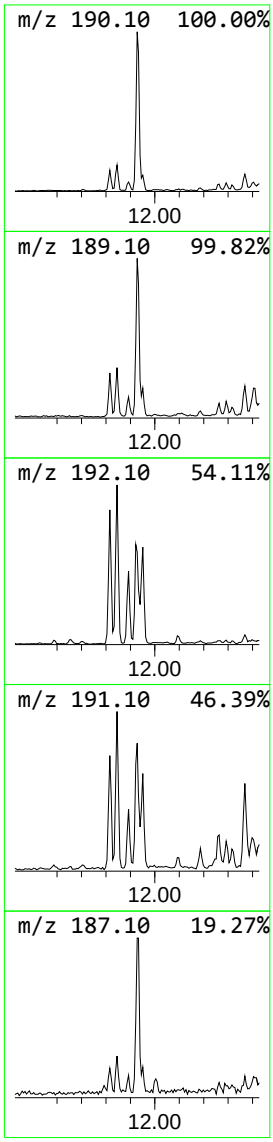
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	11.88 ng	319559	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

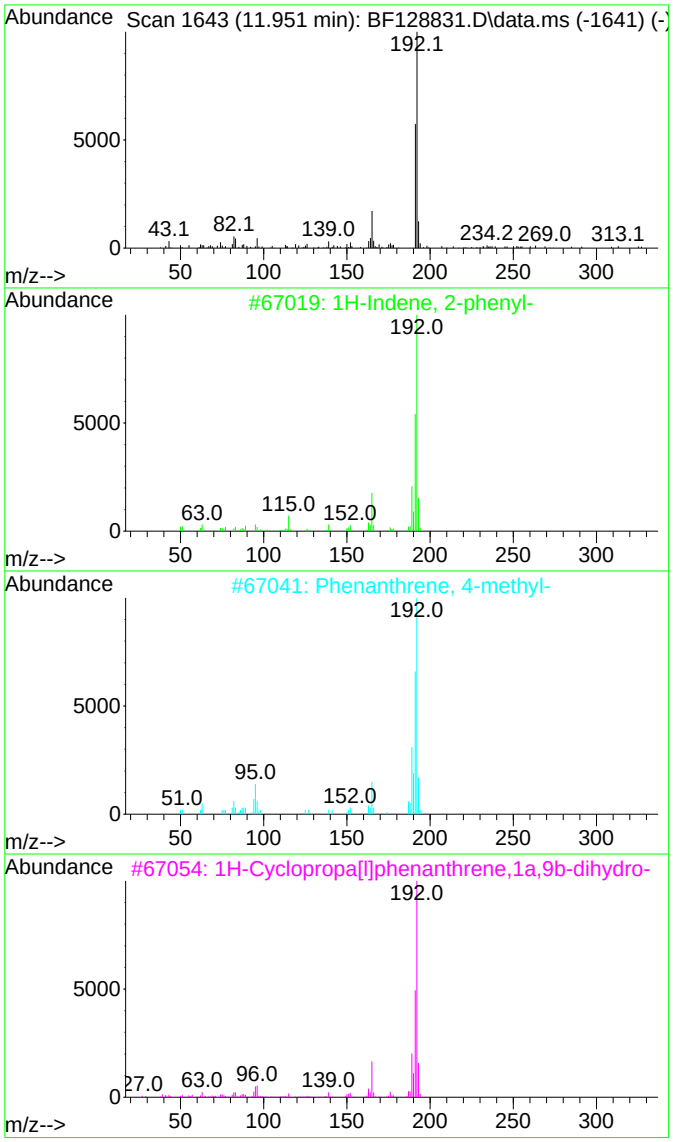
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

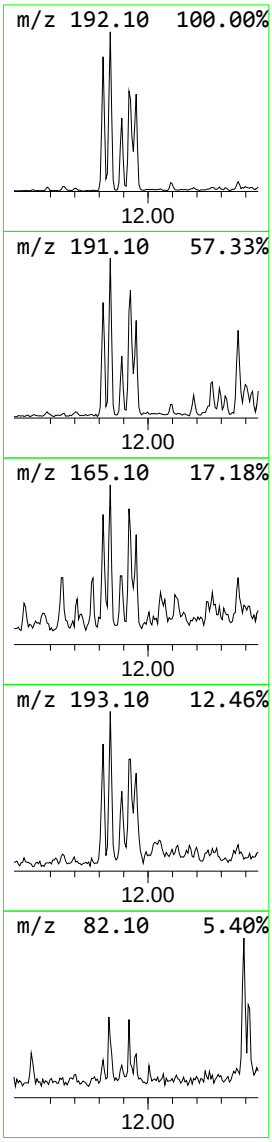
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	3.72 ng	100112	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

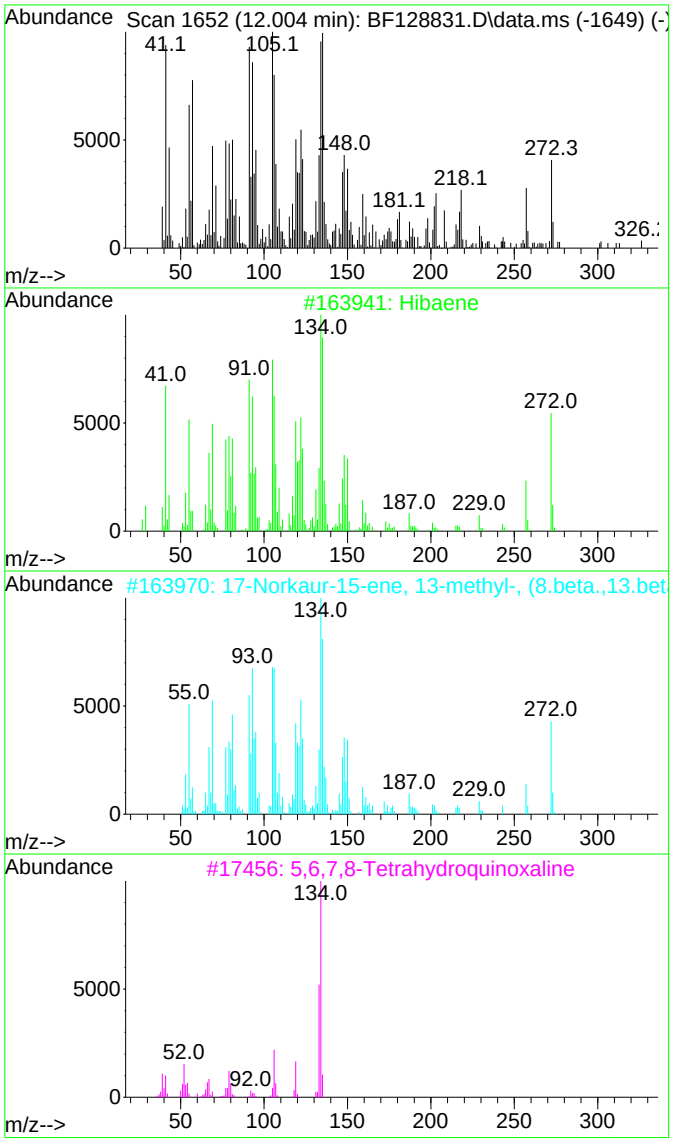
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

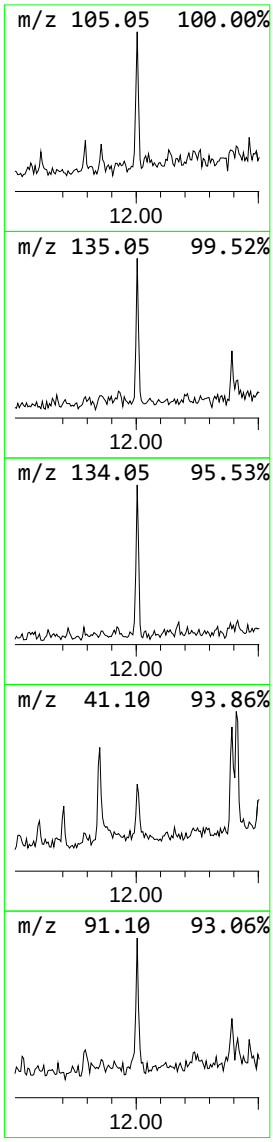
****

Peak Number 6 Hibaene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.05 ng	189651	Phenanthrene-d10	11.316

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	97
3	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	43
4	1-Octanone, 1-phenyl-, oxime	219	C14H21NO	077611-70-2	42
5	6-Octadecynenitrile	261	C18H31N	056600-19-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

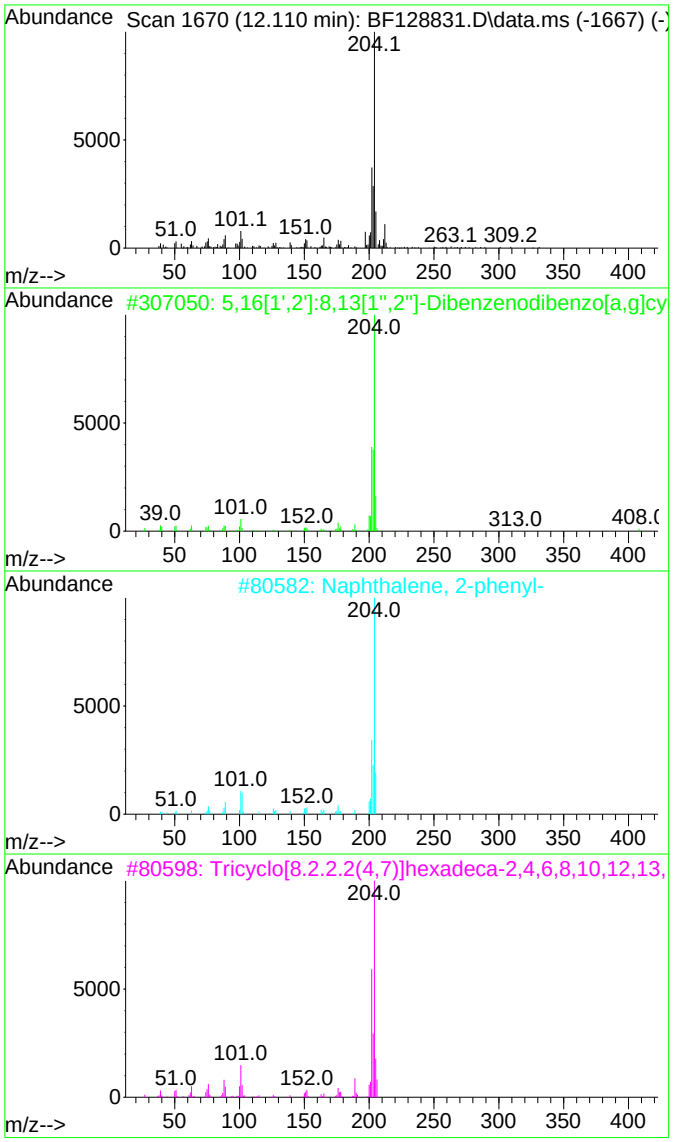
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

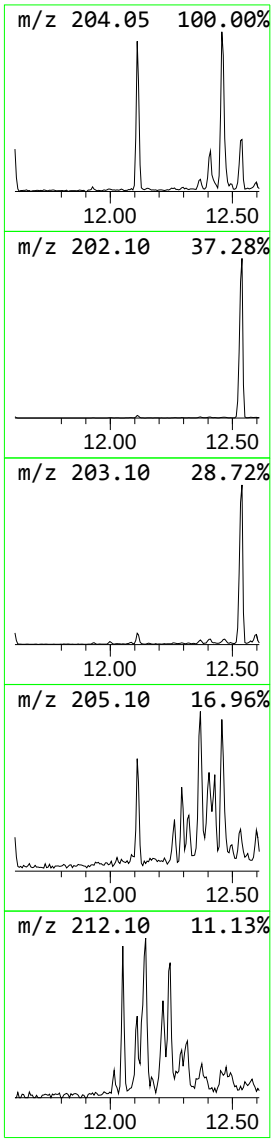
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	4.73 ng	127263	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

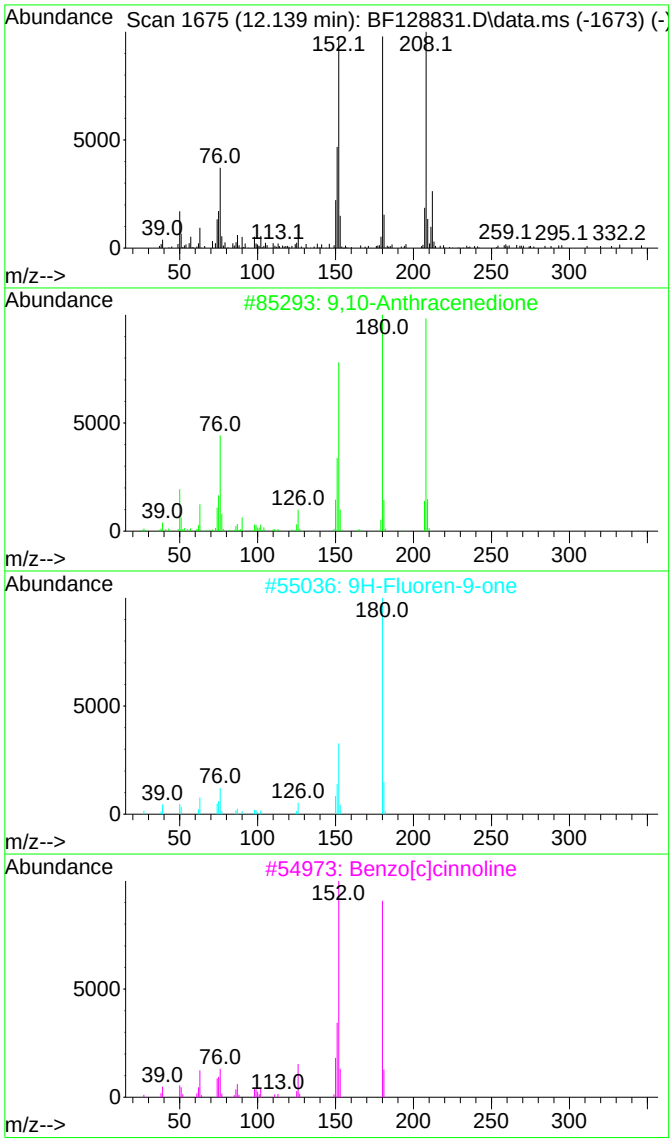
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

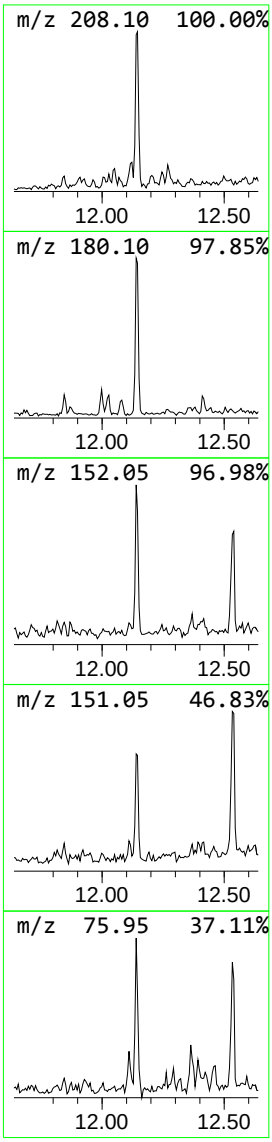
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	4.35 ng	116884	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

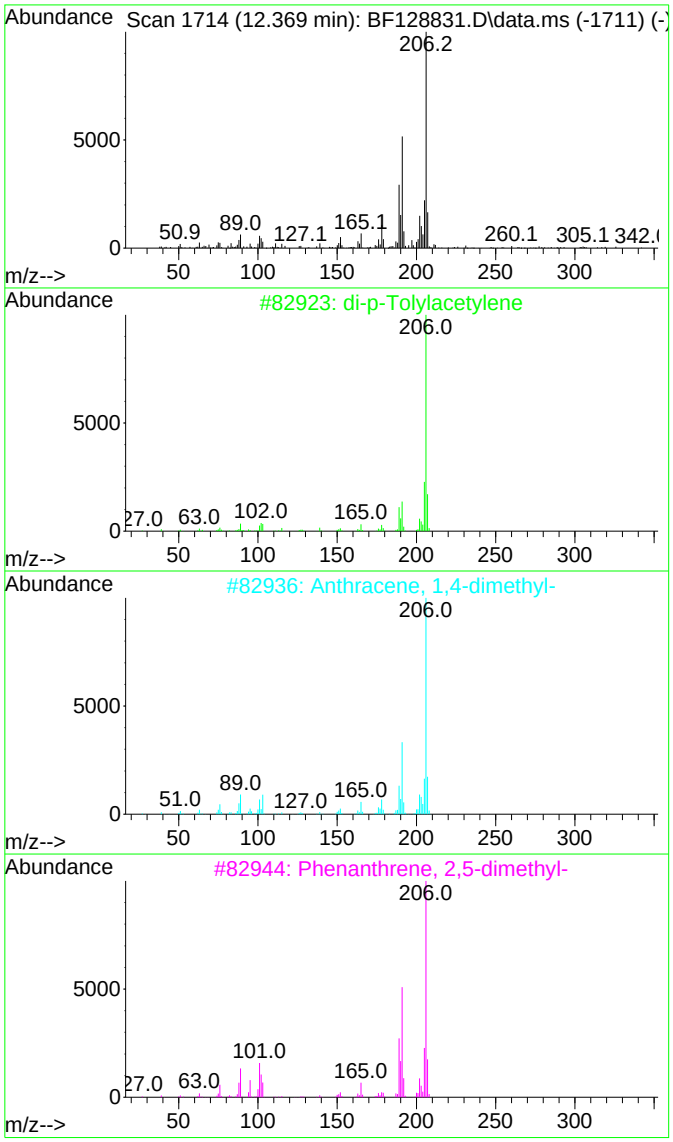
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

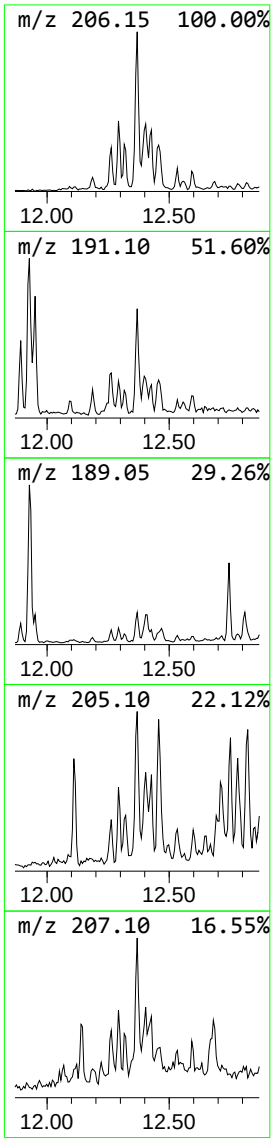
****

Peak Number 9 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	5.90 ng	158653	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

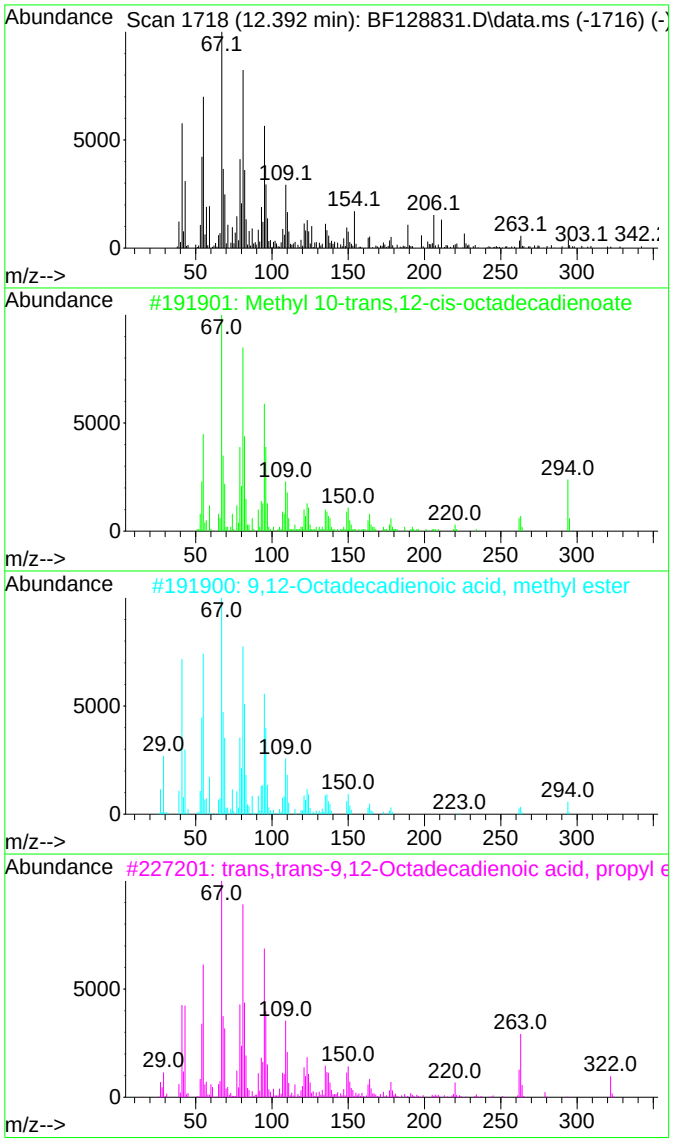
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

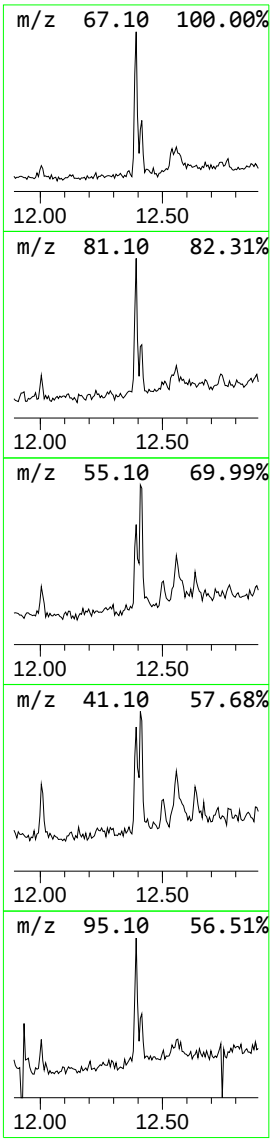
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Methyl 10-trans,12-cis-octa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	9.98 ng	268474	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	trans,trans-9,12-Octadecadienoic...	322	C21H38O2	1000405-14-9	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

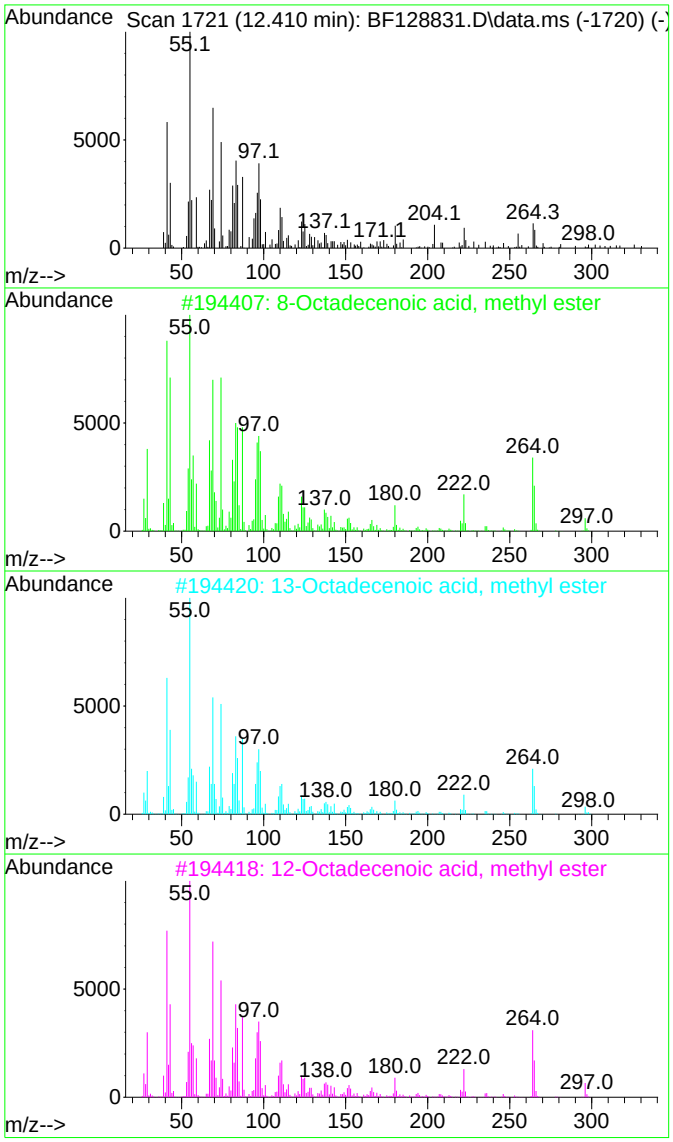
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

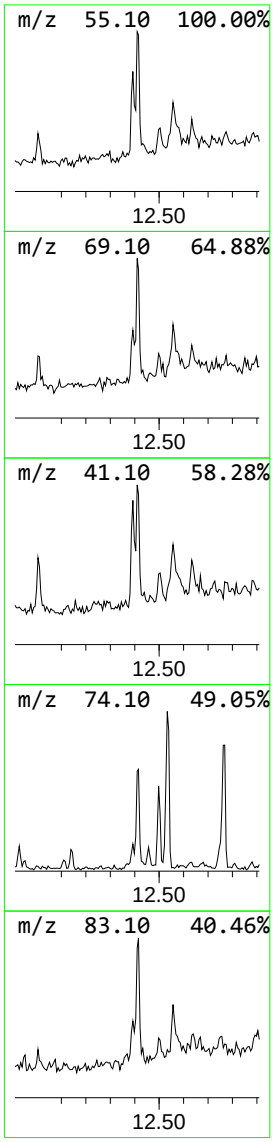
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 8-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	10.79 ng	290184	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

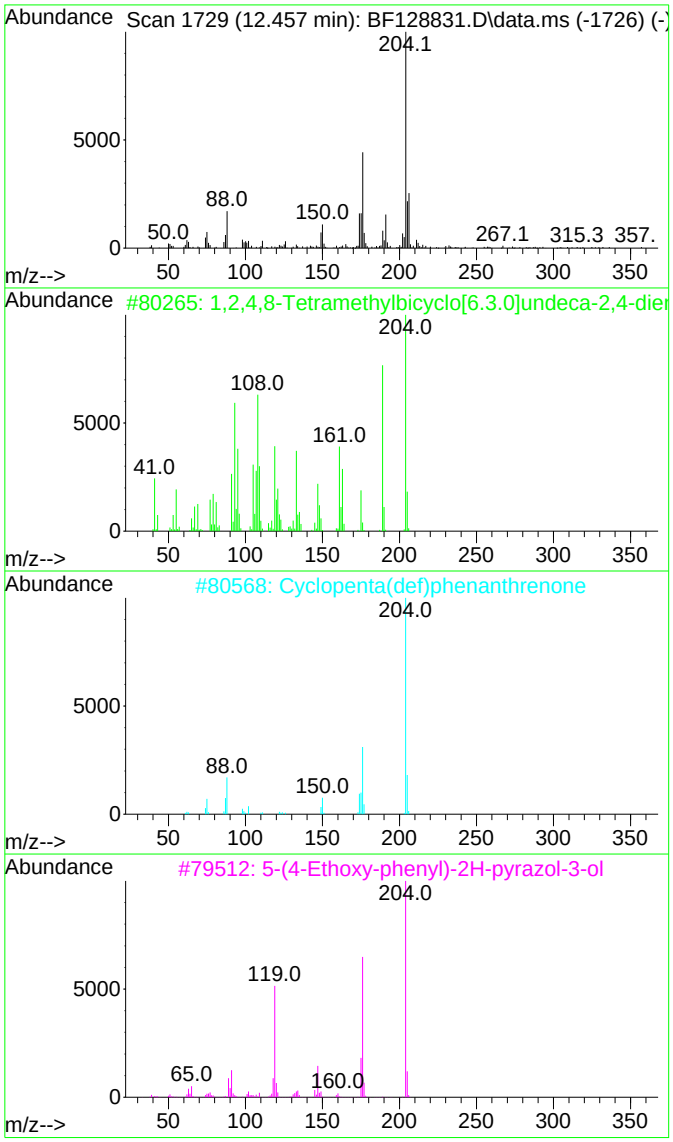
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

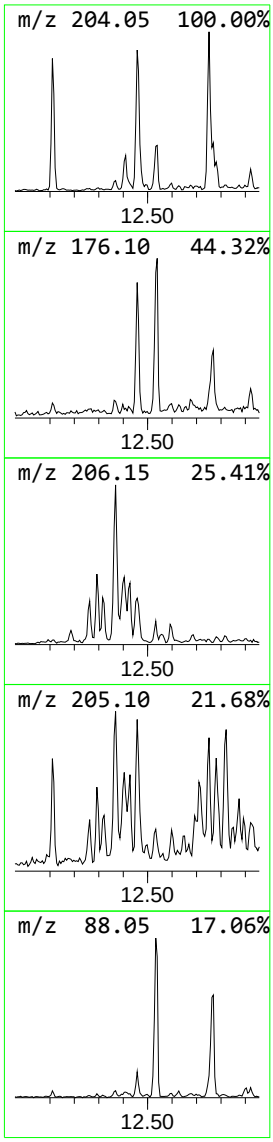
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	6.51 ng	175067	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

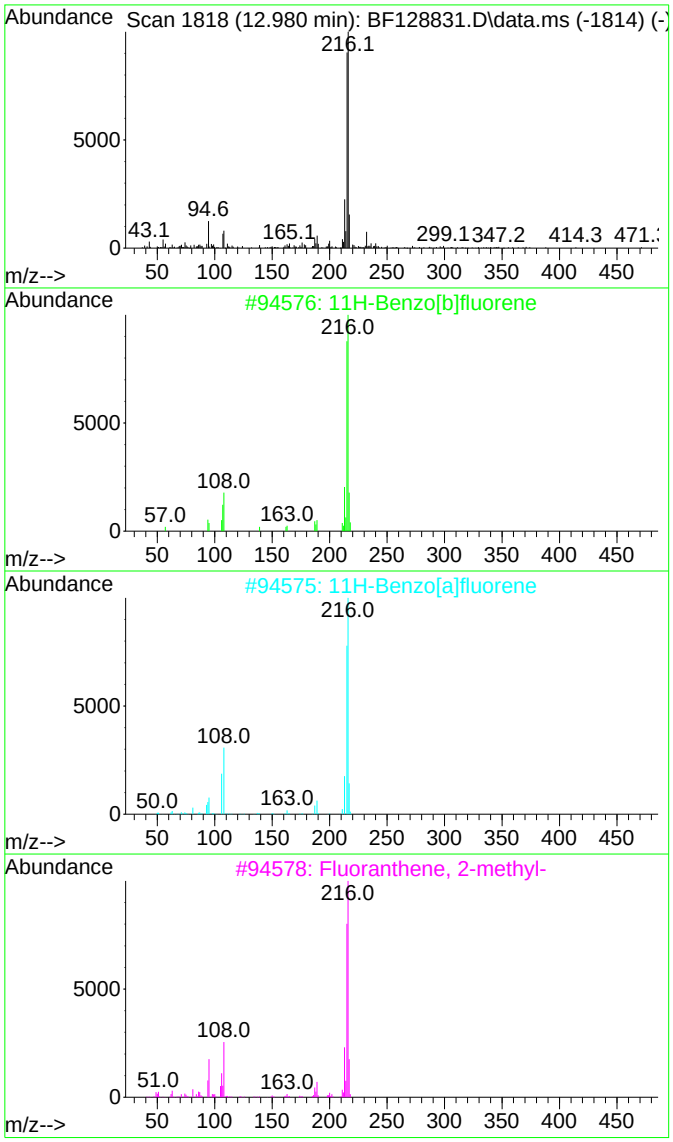
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

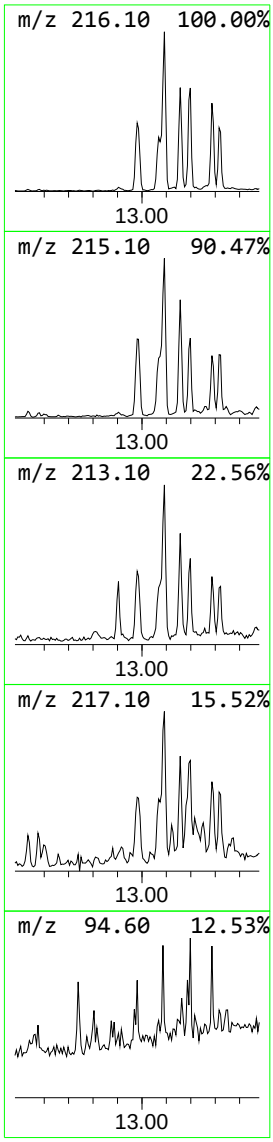
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.91 ng	285999	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

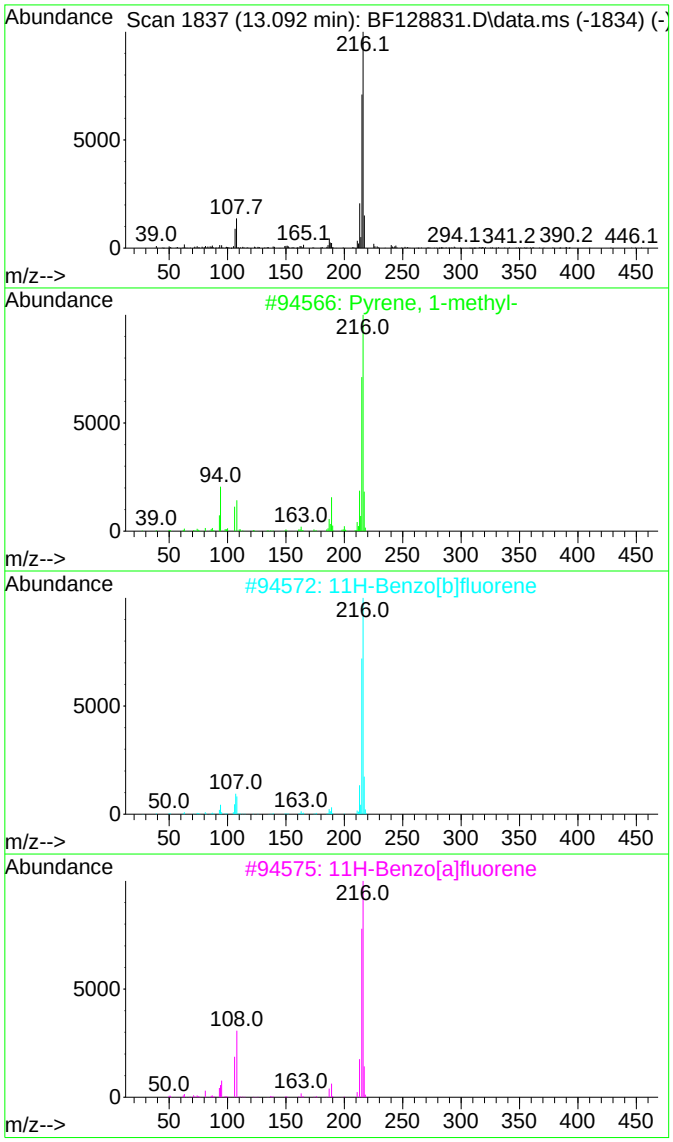
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

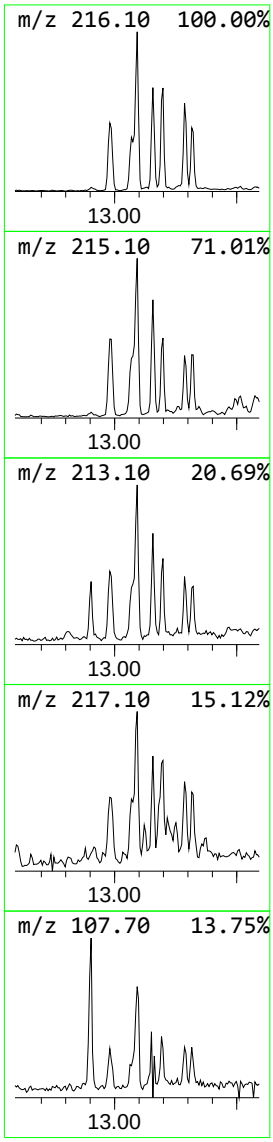
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	4.70 ng	343652	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

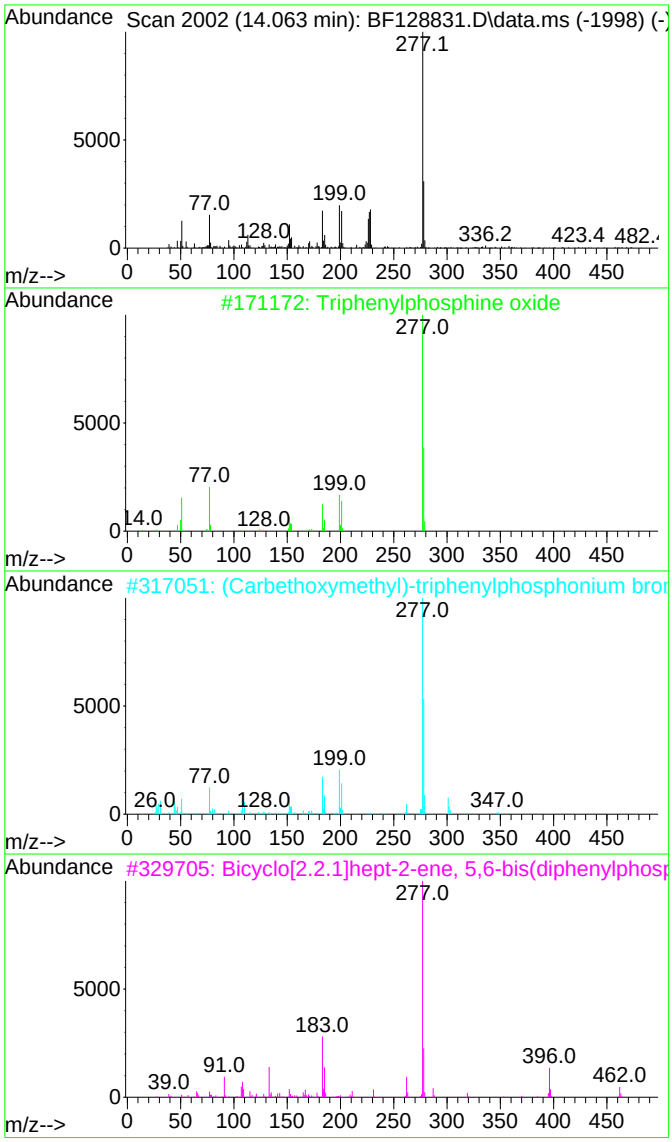
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

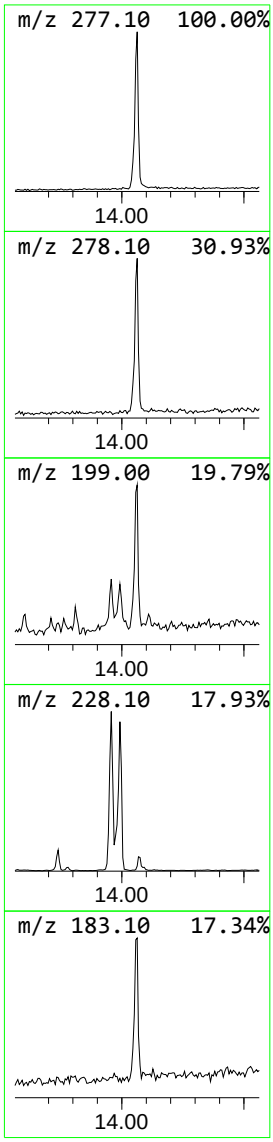
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Triphenylphosphine oxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	5.09 ng	372021	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	58
3	Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	462	C31H28P2	1000163-21-9	50
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	47
5	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

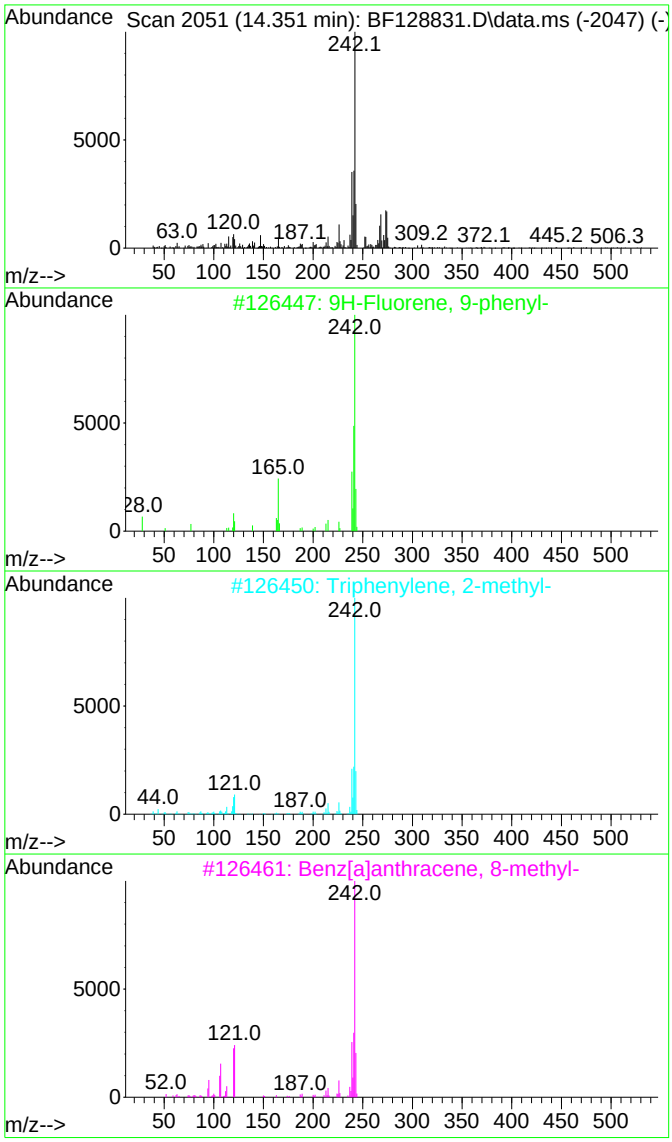
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

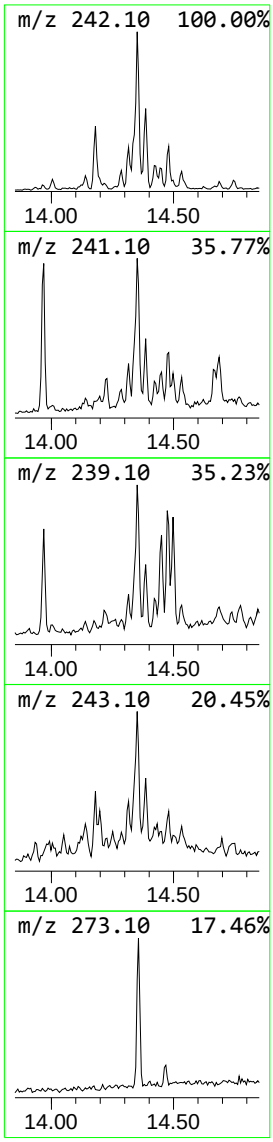
****

Peak Number 16 9H-Fluorene, 9-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	6.02 ng	440096	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	86
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	86
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	78
5	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

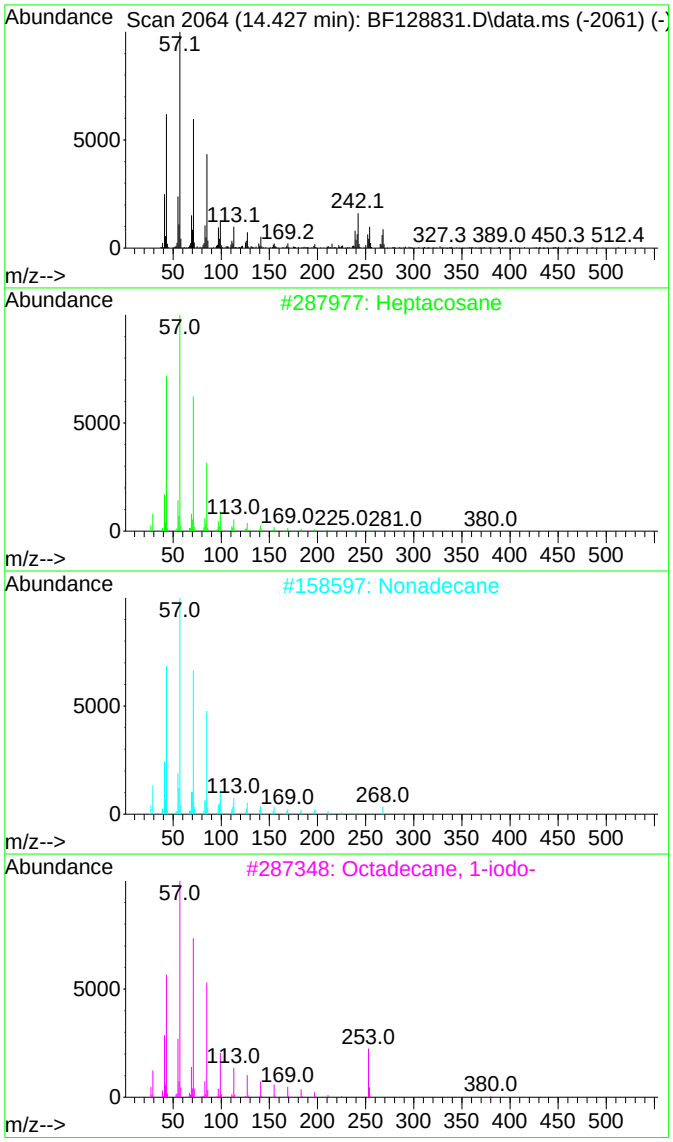
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

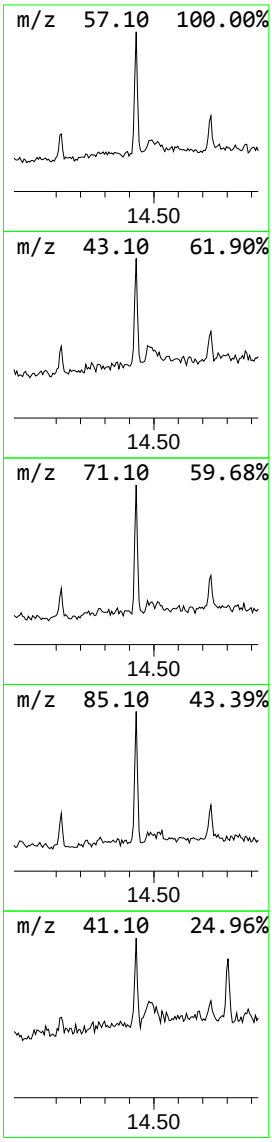
****

Peak Number 17 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	4.58 ng	334602	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Nonadecane	268	C19H40	000629-92-5	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Heptadecane	240	C17H36	000629-78-7	70
5	Octadecane	254	C18H38	000593-45-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

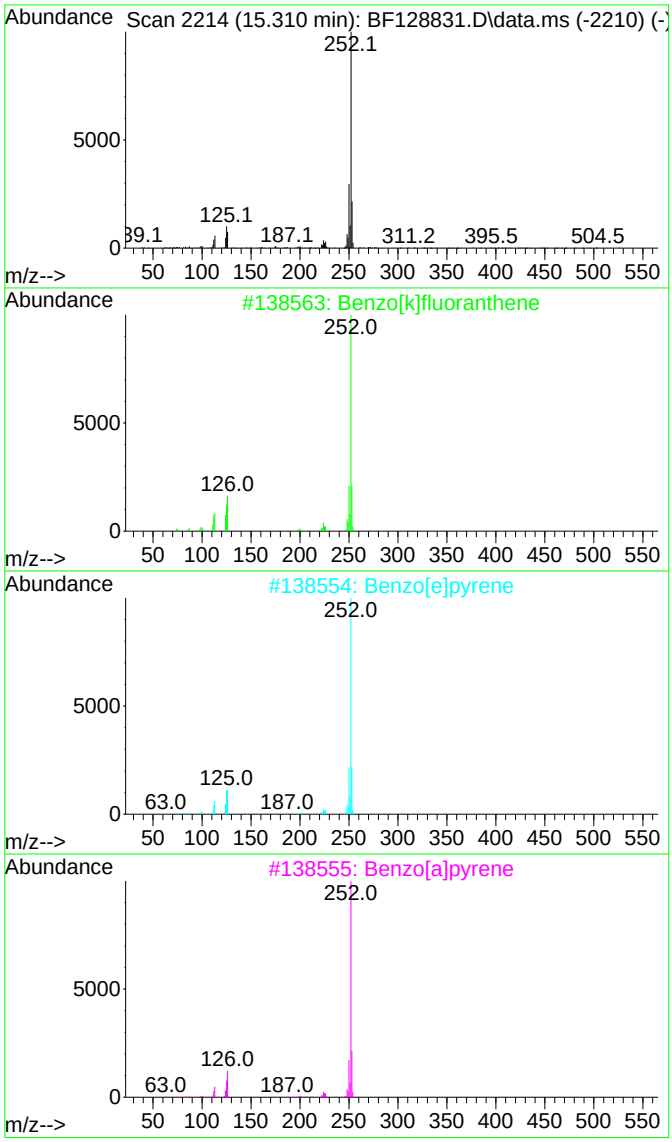
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

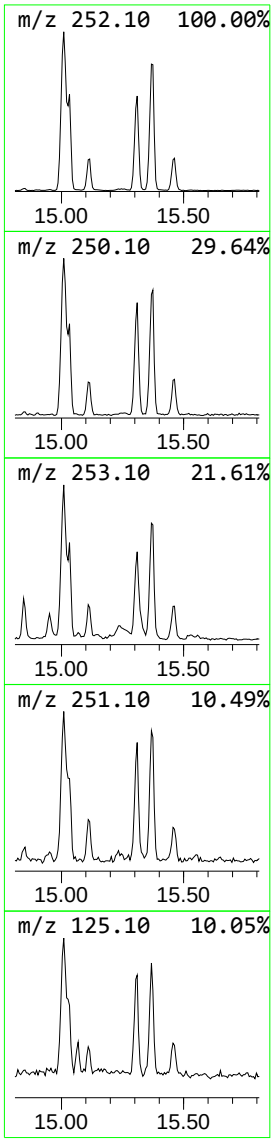
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	39.53 ng	478542	Perylene-d12	15.427

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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

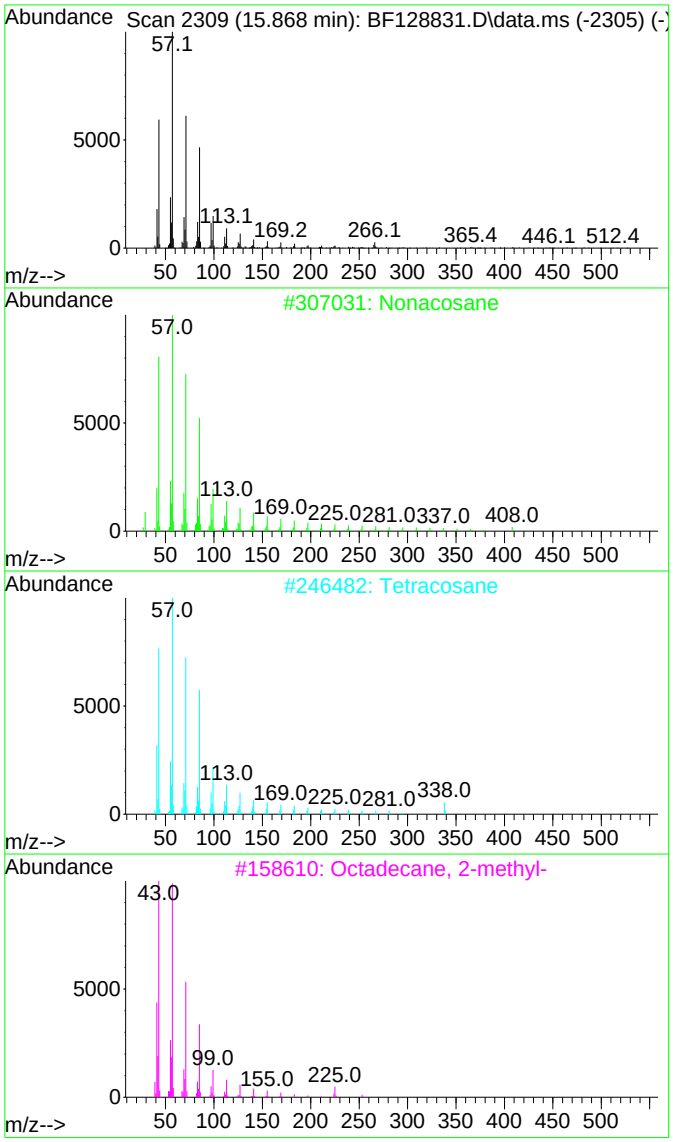
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

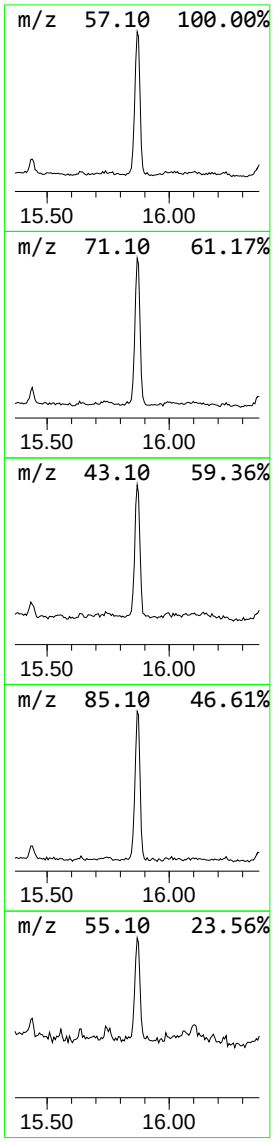
****

Peak Number 19 Nonacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.868	88.23 ng	1068070	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Heneicosane	296	C21H44	000629-94-7	92
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

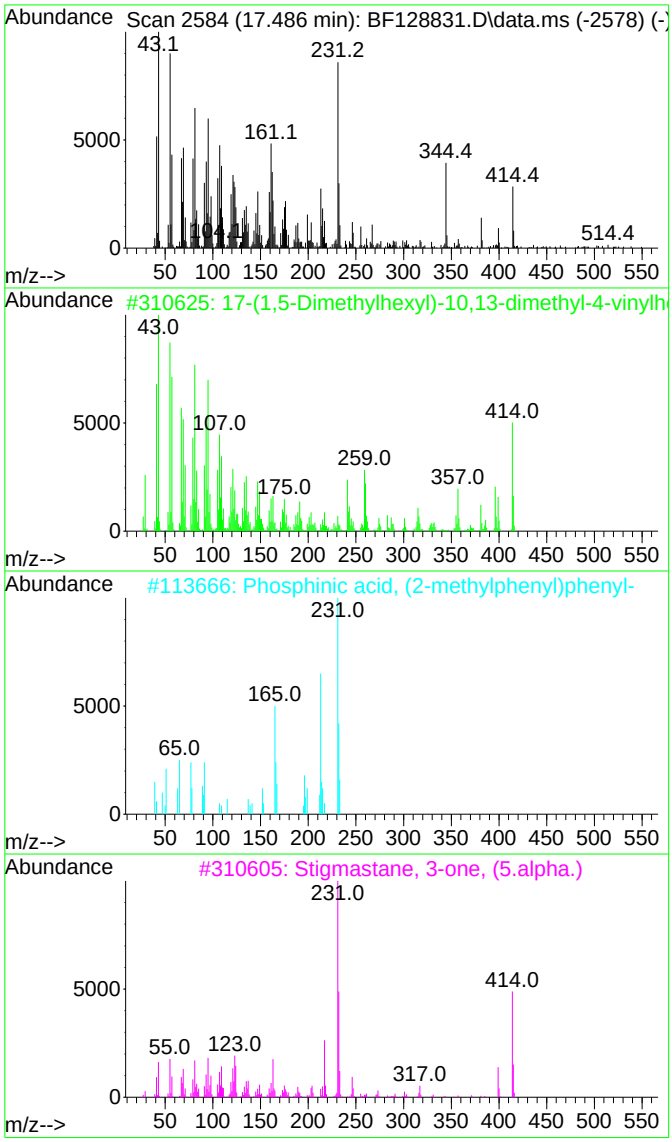
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

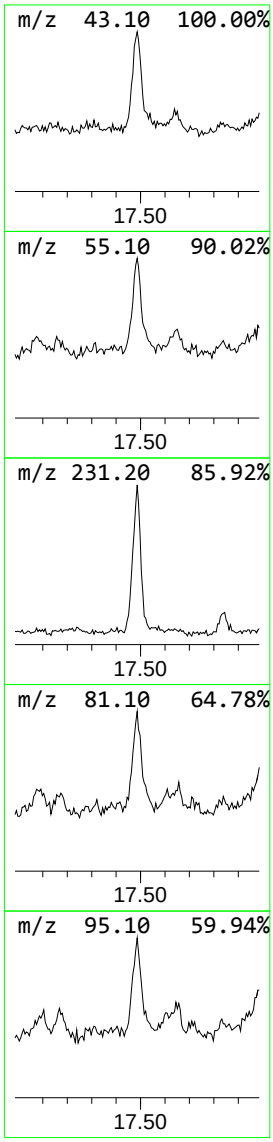
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.486	115.49 ng	1398030	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	50
2	Phosphinic acid, (2-methylphenyl...	232	C13H13O2P	018593-18-5	38
3	Stigmastane, 3-one, (5.alpha.)	414	C29H50O	1000437-00-8	35
4	3-(3,5-Dimethylpyrazol-1-yl)-4-(...	246	C10H10N6O2	1000436-49-9	35
5	5-Methoxyquinolin-8-amine, TMS	246	C13H18N2OSi	1000514-59-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 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
unknown10.739	10.739	4.5	ng	120714	4	11.316	537844	20.0
Phenanthrene, 1...	11.816	5.5	ng	147421	4	11.316	537844	20.0
Phenanthrene, 2...	11.845	13.1	ng	350976	4	11.316	537844	20.0
4H-Cyclopenta[d...	11.928	11.9	ng	319559	4	11.316	537844	20.0
1H-Indene, 2-ph...	11.951	3.7	ng	100112	4	11.316	537844	20.0
Hibaene	12.004	7.0	ng	189651	4	11.316	537844	20.0
5,16[1',2']:8,1...	12.110	4.7	ng	127263	4	11.316	537844	20.0
9,10-Anthracene...	12.139	4.3	ng	116884	4	11.316	537844	20.0
di-p-Tolylacety...	12.369	5.9	ng	158653	4	11.316	537844	20.0
Methyl 10-trans...	12.392	10.0	ng	268474	4	11.316	537844	20.0
8-Octadecenoic ...	12.410	10.8	ng	290184	4	11.316	537844	20.0
1,2,4,8-Tetrame...	12.457	6.5	ng	175067	4	11.316	537844	20.0
11H-Benzo[b]flu...	12.980	3.9	ng	285999	5	13.969	1461070	20.0
Pyrene, 1-methyl-	13.092	4.7	ng	343652	5	13.969	1461070	20.0
Triphenylphosph...	14.063	5.1	ng	372021	5	13.969	1461070	20.0
9H-Fluorene, 9-...	14.351	6.0	ng	440096	5	13.969	1461070	20.0
Heptacosane	14.427	4.6	ng	334602	5	13.969	1461070	20.0
Benzo[e]pyrene	15.310	39.5	ng	478542	6	15.427	242109	20.0
Nonacosane	15.868	88.2	ng	1068070	6	15.427	242109	20.0
17-(1,5-Dimethy...	17.486	115.5	ng	1398030	6	15.427	242109	20.0