LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.563	549	557	561	rBV	1451388	1319600	22.16%	2.223%
2	6.569	724	728	731	rBV	1122349	980868	16.47%	1.652%
3	6.951	789	793	796	rBV	1930245	1492441	25.07%	2.514%
4	7.510	885	888	891	rBV	870139	644543	10.83%	1.086%
5	8.234	1008	1011	1014	rBV	2162525	1778914	29.88%	2.996%
6	8.734	1094	1096	1099	rBV	81275	74334	1.25%	0.125%
7	9.051	1147	1150	1153	rVB2	84016	74510	1.25%	0.126%
8	9.310	1190	1194	1198	rVB	1500155	1277464	21.46%	2.152%
9	9.569	1235	1238	1244	rBV5	126928	130591	2.19%	0.220%
10	9.769	1268	1272	1277	rVB4	64362	84281	1.42%	0.142%
11	9.857	1283	1287	1290	rVB	163061	140995	2.37%	0.237%
12	9.910	1293	1296	1300	rVB2	113233	89733	1.51%	0.151%
13	9.992	1307	1310	1313	rVB	1910347	1572922	26.42%	2.649%
14	10.028	1313	1316	1319	rVB	199268	159463	2.68%	0.269%
15	10.092	1324	1327	1332	rBV	48586	67257	1.13%	0.113%
16	10.151	1332	1337	1339	rBV2	90906	101438	1.70%	0.171%
17	10.192	1342	1344	1348	rVB2	74895	83372	1.40%	0.140%
18	10.234	1348	1351	1355	rBV2	86582	89286	1.50%	0.150%
19	10.310	1360	1364	1366	rBV4	66890	85401	1.43%	0.144%
20	10.410	1376	1381	1384	rBV2	169713	174308	2.93%	0.294%
21	10.545	1397	1404	1410	rBV	180428	259381	4.36%	0.437%
22	10.628	1416	1418	1421	rVB	108051	98713	1.66%	0.166%
23	10.781	1441	1444	1448	rBV	661460	523730	8.80%	0.882%
24	10.886	1459	1462	1471	rVB2	228716	332699	5.59%	0.560%
25	11.092	1492	1497	1499	rBV3	81335	127014	2.13%	0.214%
26	11.286	1527	1530	1534	rVV3	72441	72994	1.23%	0.123%
27	11.333	1535	1538	1541	rVV3	219583	231467	3.89%	0.390%
28	11.381	1545	1546	1550	rVB	179451	140325	2.36%	0.236%
29	11.486	1560	1564	1566	rBV	1702958	1400047	23.51%	2.358%
30	11.510	1566	1568	1572	rVV	1798285	1407554	23.64%	2.371%
31	11.563	1574	1577	1579	rVV	408926	337907	5.68%	0.569%
32	11.592	1579	1582	1588	rVB4	59355	111631	1.87%	0.188%
33	11.716	1600	1603	1608	rBV	108447	116512	1.96%	0.196%
34	11.763	1608	1611	1613	rVV	189476	160440	2.69%	0.270%
35	11.792	1613	1616	1618	rVV3	165984	171714	2.88%	0.289%
36	11.816	1618	1620	1625	rVB	154789	135075	2.27%	0.228%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.869	1625	1629	1632	rBV	2896020	2331792	39.16%	3.928%
38	11.898	1632	1634	1638	rVB	81892	87610	1.47%	0.148%
39	11.992	1646	1650	1653	rBV2	514755	736896	12.38%	1.241%
40	12.016	1653	1654	1658	rVB	604958	403003	6.77%	0.679%
41	12.063	1659	1662	1665	rBV	174380	169315	2.84%	0.285%
42	12.104	1665	1669	1671	rVV2	618479	671943	11.29%	1.132%
43	12.122	1671	1672	1678	rVB	318024	260804	4.38%	0.439%
44	12.175	1678	1681	1683	rBV	172304	158864	2.67%	0.268%
45	12.286	1696	1700	1702	rBV	241186	237604	3.99%	0.400%
46	12.310	1702	1704	1710	rVB2	192261	187307	3.15%	0.316%
47	12.433	1723	1725	1727	rVB	123005	81354	1.37%	0.137%
48	12.463	1727	1730	1732	rBV2	122482	104678	1.76%	0.176%
49	12.492	1732	1735	1737	rVB	105228	95404	1.60%	0.161%
50	12.563	1740	1747	1748	rBV2	4511553	4930726	82.81%	8.305%
51	12.580	1748	1750	1756	rVB	6673019	5953989	100.00%	10.029%
52	12.627	1756	1758	1761	rBV	243706	221528	3.72%	0.373%
53	12.663	1761	1764	1767	rVB	1554966	1202647	20.20%	2.026%
54	12.710	1767	1772	1777	rBV	2732307	2804722	47.11%	4.724%
55	12.798	1784	1787	1790	rVB3	103001	125943	2.12%	0.212%
56	12.863	1795	1798	1800	rBV	122542	103016	1.73%	0.174%
57	12.939	1805	1811	1816	rVV	3166090	3292513	55.30%	5.546%
58	12.986	1816	1819	1823	rVB2	159150	189516	3.18%	0.319%
59	13.075	1828	1834	1837	rBV	1298378	1187306	19.94%	2.000%
60	13.151	1843	1847	1851	rBV3	307913	483878	8.13%	0.815%
61	13.263	1858	1866	1869	rVB	595734	904134	15.19%	1.523%
62	13.292	1869	1871	1873	rBV	137894	144354	2.42%	0.243%
63	13.333	1875	1878	1880	rVB	387756	360860	6.06%	0.608%
64	13.369	1881	1884	1886	rBV2	485542	432821	7.27%	0.729%
65	13.392	1886	1888	1891	rVB2	204959	184599	3.10%	0.311%
66	13.427	1891	1894	1897	rBV5	108182	108393	1.82%	0.183%
67	13.463	1897	1900	1903	rBV	402983	379192	6.37%	0.639%
68	13.492	1903	1905	1908	rVB	346534	324013	5.44%	0.546%
69	13.616	1923	1926	1928	rBV4	148114	180656	3.03%	0.304%
70	13.774	1950	1953	1957	rVB	259759	284918	4.79%	0.480%
71	13.816	1957	1960	1967	rVB3	253078	394119	6.62%	0.664%
72	13.886	1968	1972	1975	rBV3	302976	417891	7.02%	0.704%
73	13.916	1975	1977	1979	rBV	304381	204686	3.44%	0.345%
74	13.939	1979	1981	1985	rBV2	221358	287655	4.83%	0.485%
75	14.057	1999	2001	2007	rVB2	178278	206462	3.47%	0.348%
76	14.139	2010	2015	2018	rVV2	2401631	3603254	60.52%	6.069%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.169	2018	2020	2025	rVB	1562826	1357062	22.79%	2.286%
78	14.233	2027	2031	2036	rBV3	591770	849315	14.26%	1.431%
79	14.527	2079	2081	2084	rVB	415110	324666	5.45%	0.547%
80	14.563	2084	2087	2089	rBV	224626	206106	3.46%	0.347%
81	14.657	2100	2103	2105	rBV	208925	196266	3.30%	0.331%
82	15.216	2193	2198	2201	rBV	1128393	1844425	30.98%	3.107%
83	15.533	2249	2252	2257	rVB	627014	817326	13.73%	1.377%
84	15.604	2259	2264	2269	rBV	961840	1274034	21.40%	2.146%
85	15.668	2271	2275	2278	rBV	1016023	1251317	21.02%	2.108%
86	17.221	2535	2539	2548	rVB2	371305	757204	12.72%	1.275%

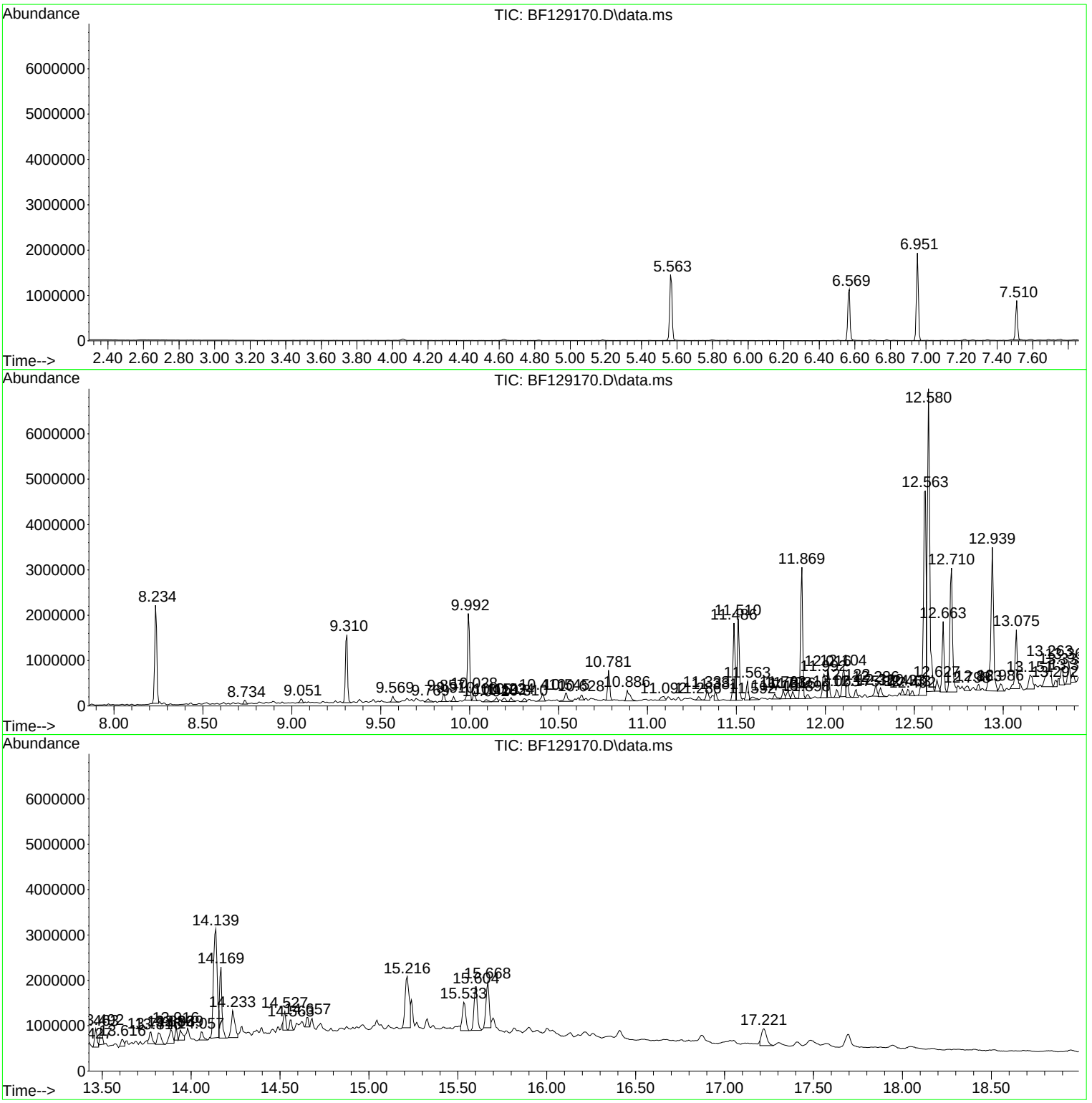
Sum of corrected areas: 59367010

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

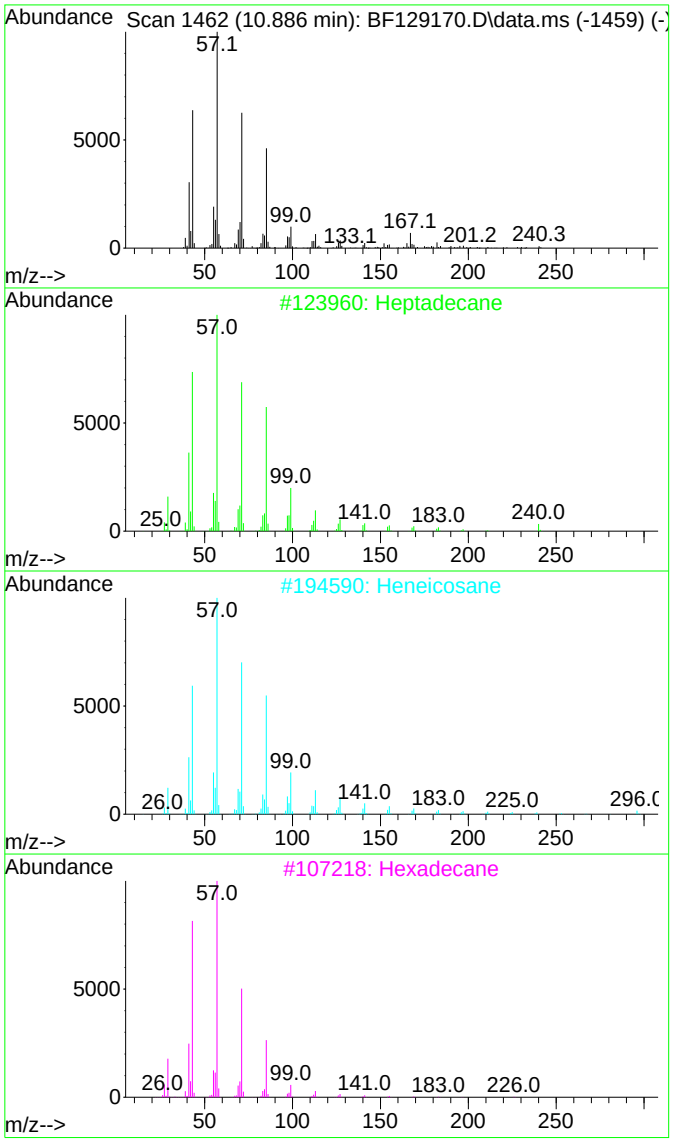
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

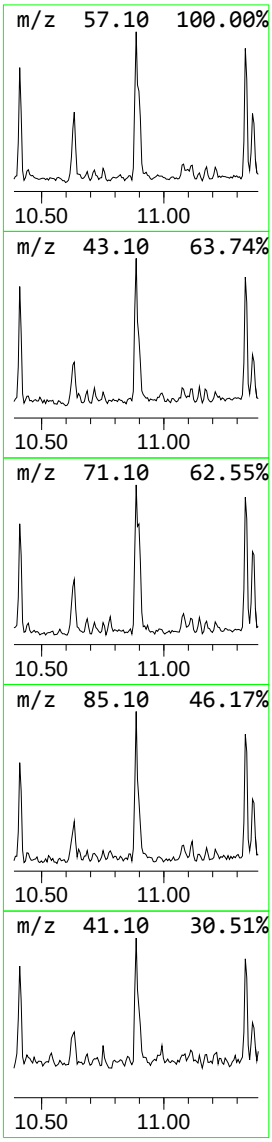
****

Peak Number 1 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	4.75 ng	332699	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

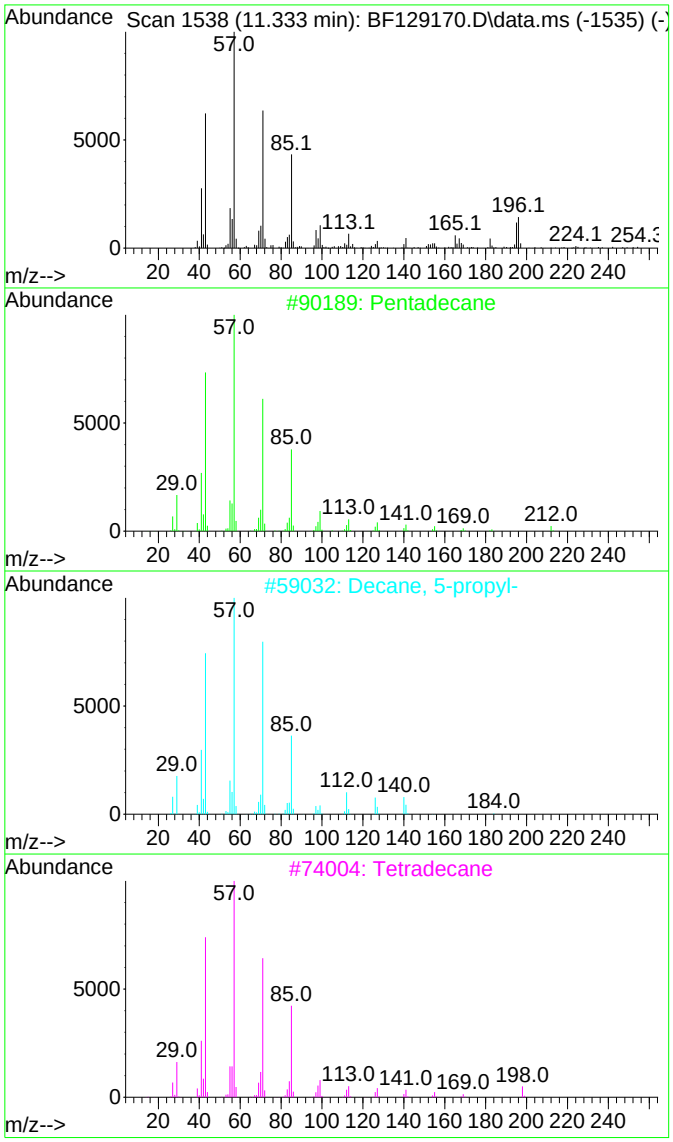
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

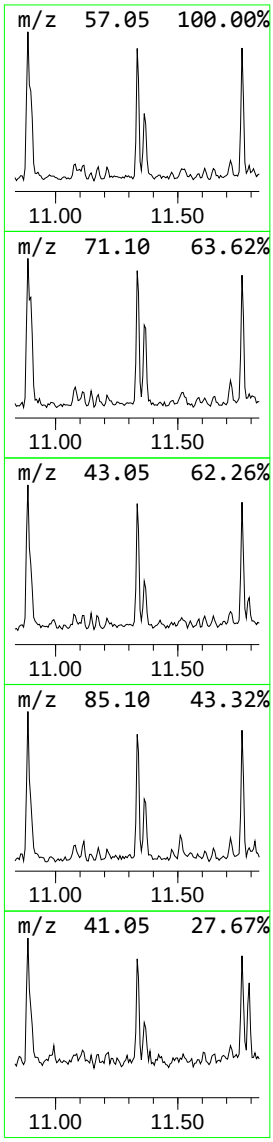
****

Peak Number 2 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.334	3.31 ng	231467	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Decane, 5-propyl-	184	C13H28	017312-62-8	70
3	Tetradecane	198	C14H30	000629-59-4	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

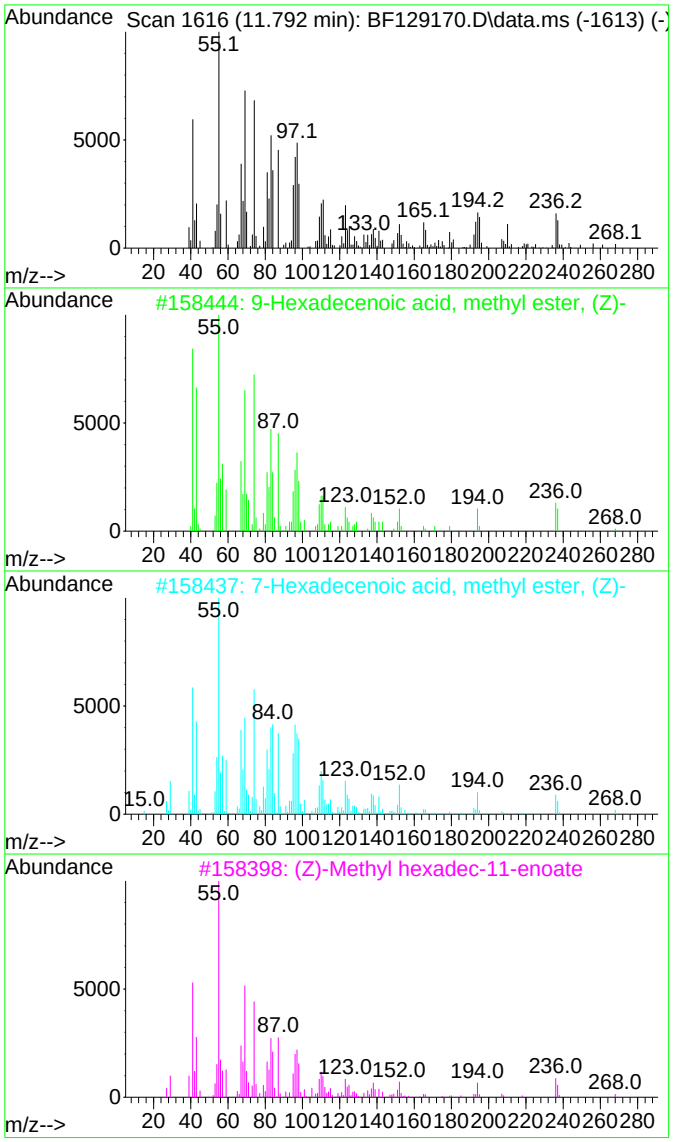
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

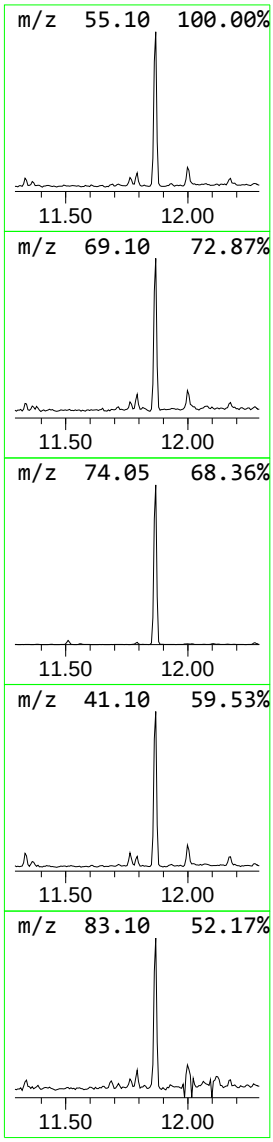
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	2.45 ng	171714	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93
3	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	90
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
5	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

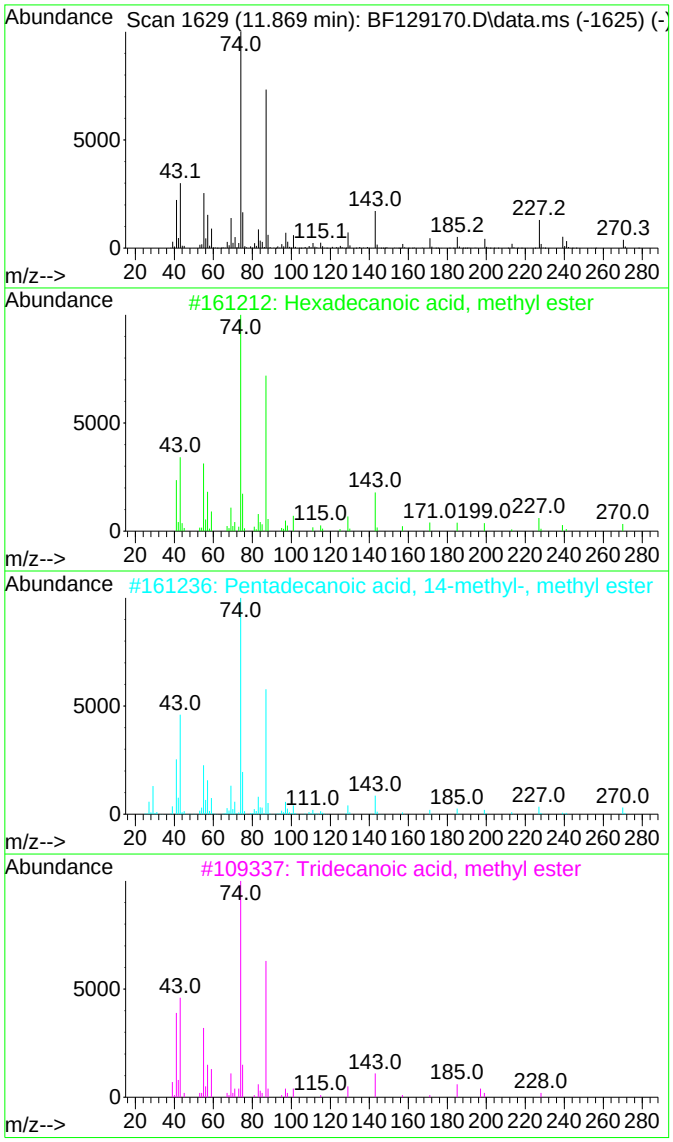
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

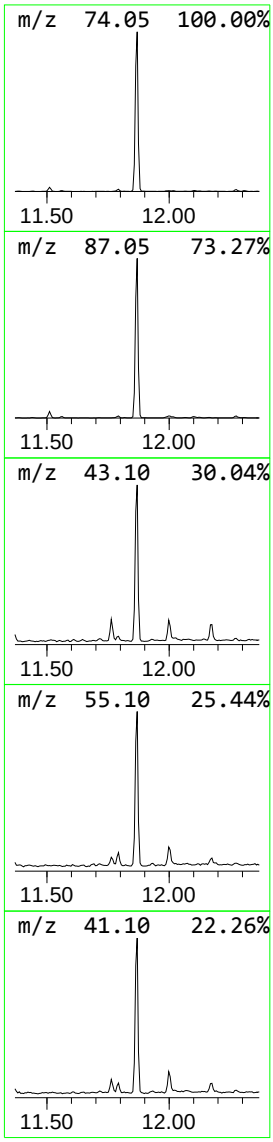
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	33.31 ng	2331790	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

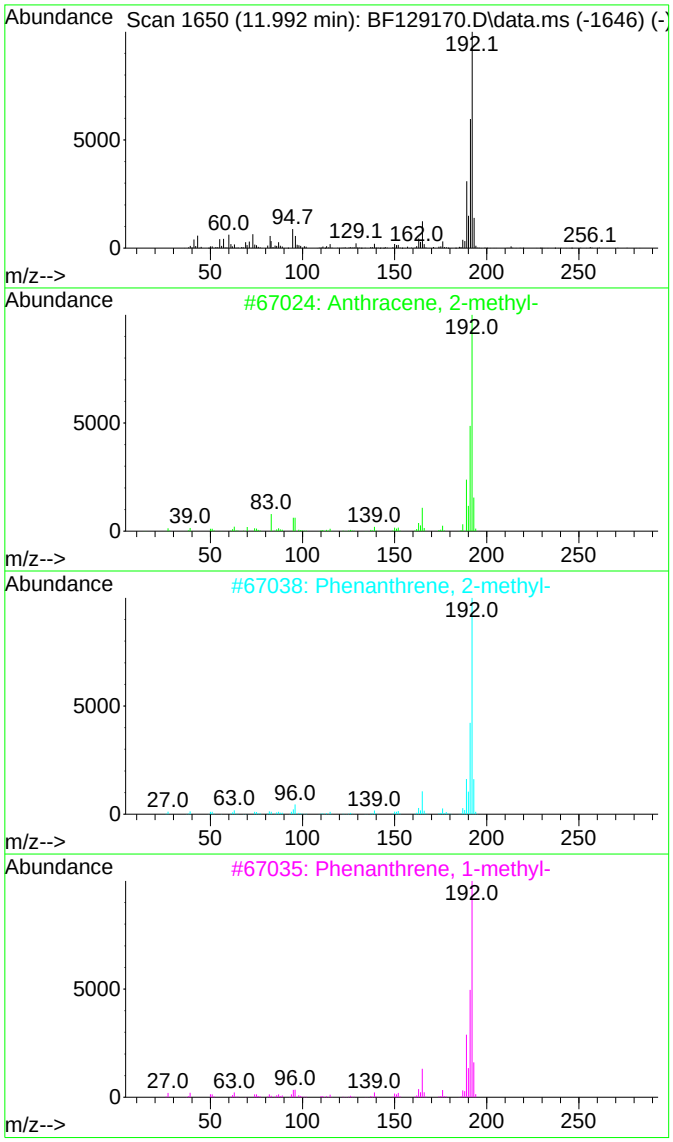
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

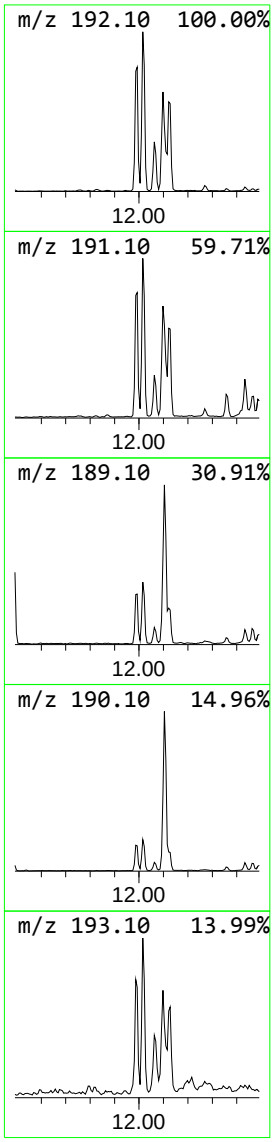
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	10.53 ng	736896	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

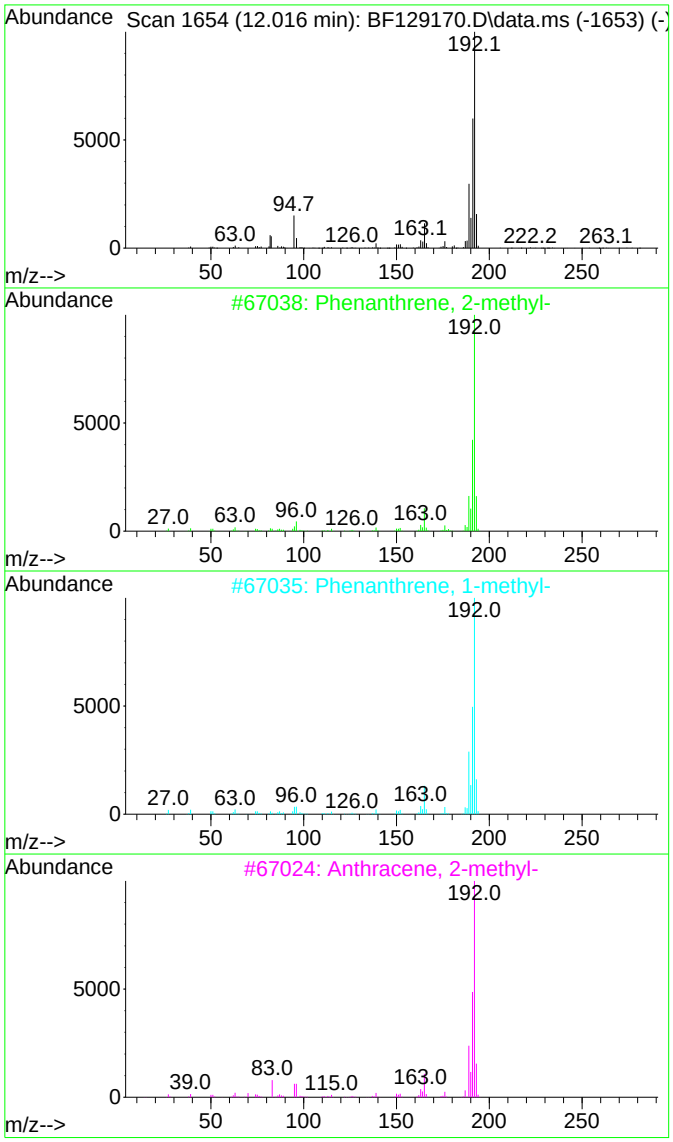
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

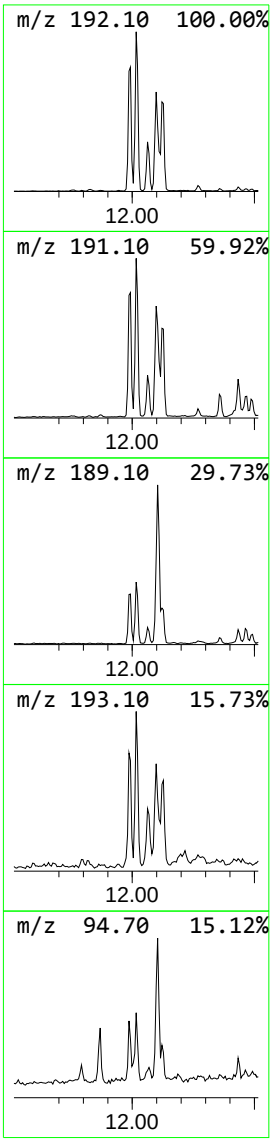
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.76 ng	403003	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

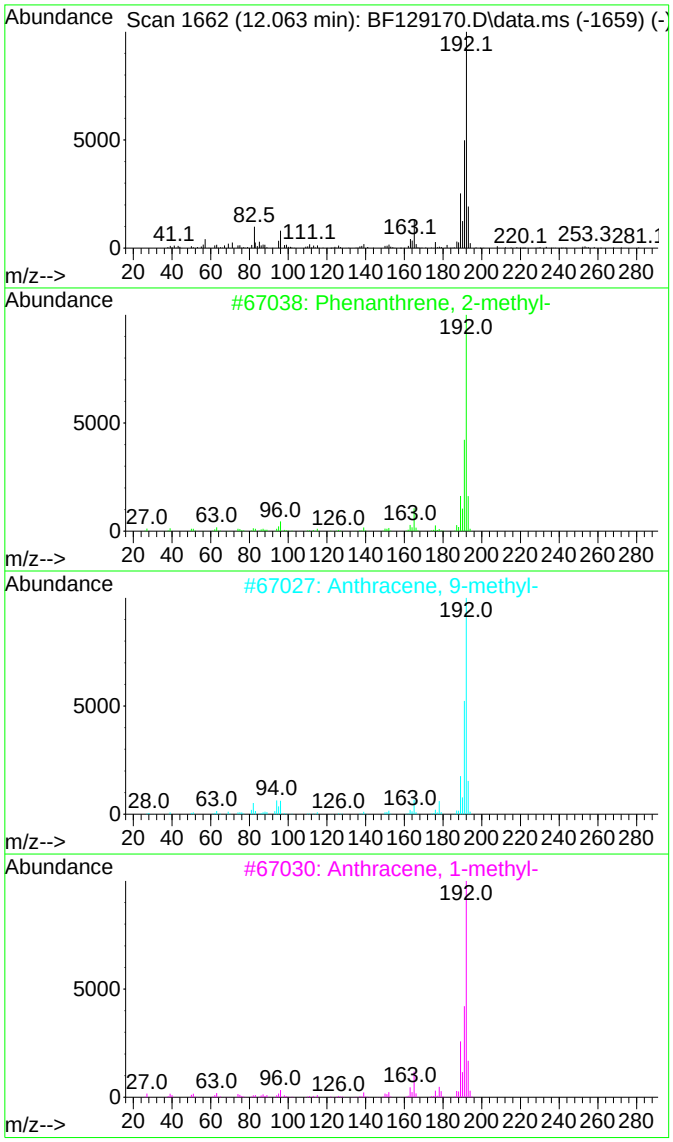
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

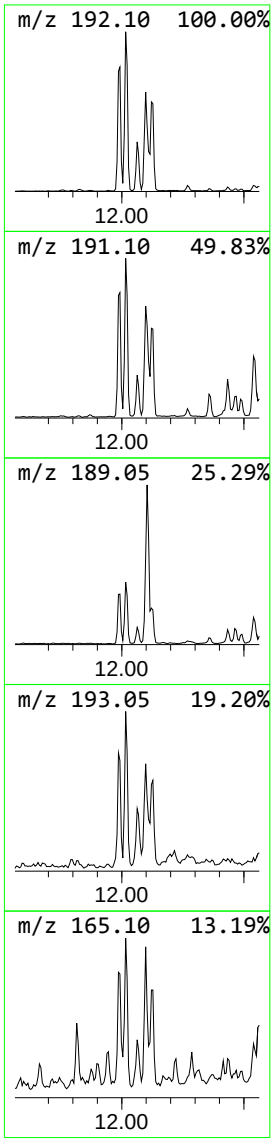
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.42 ng	169315	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

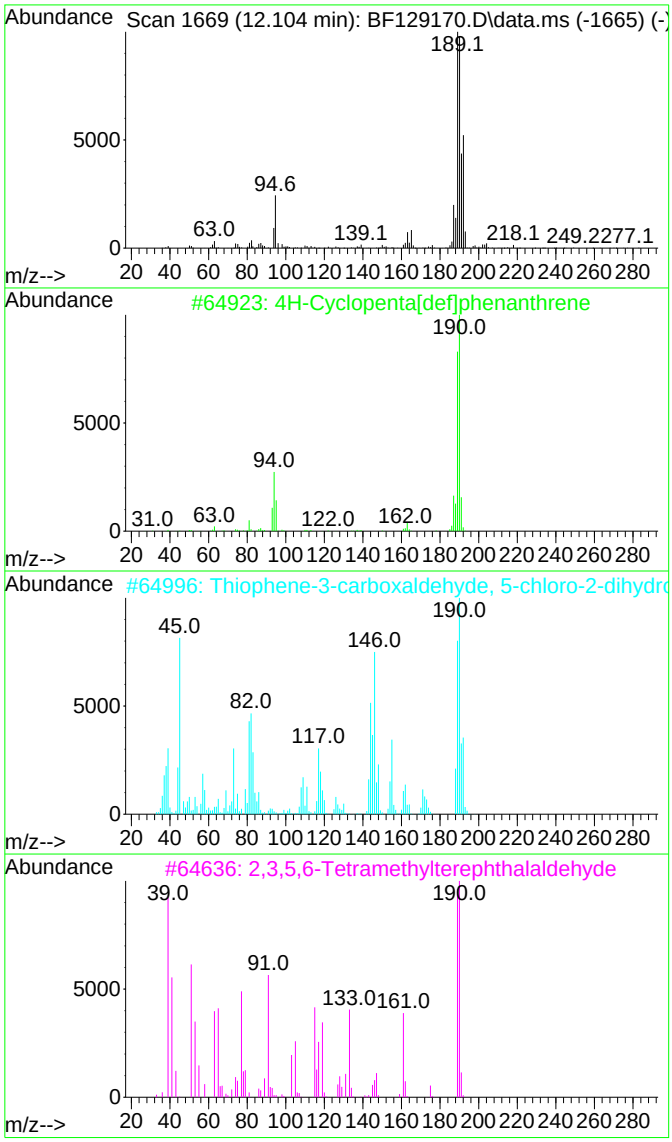
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

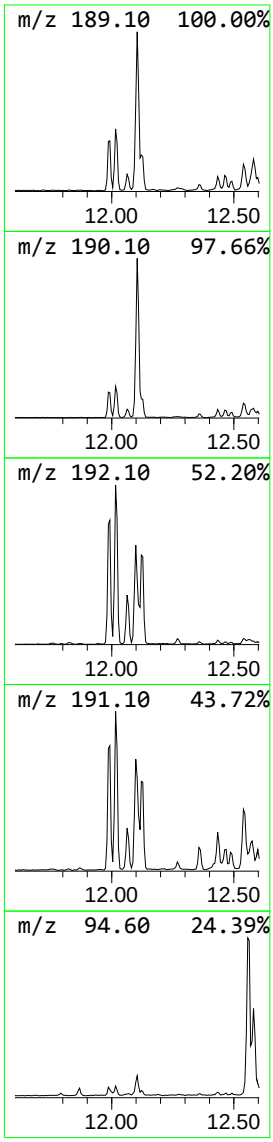
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	9.60 ng	671943	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

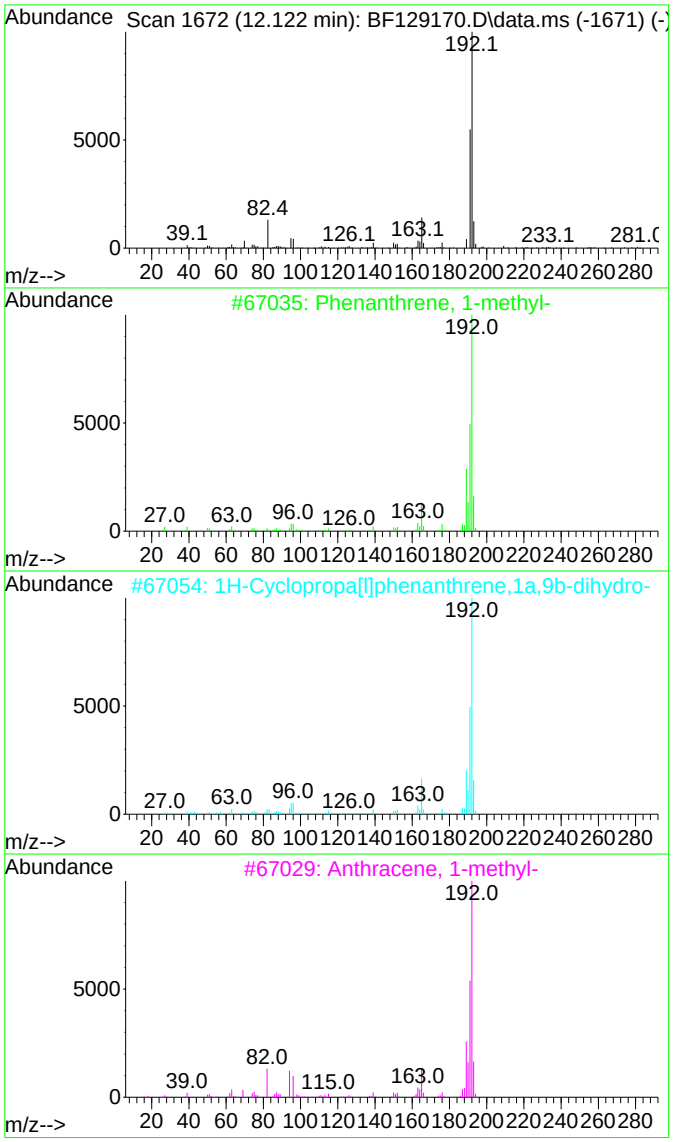
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

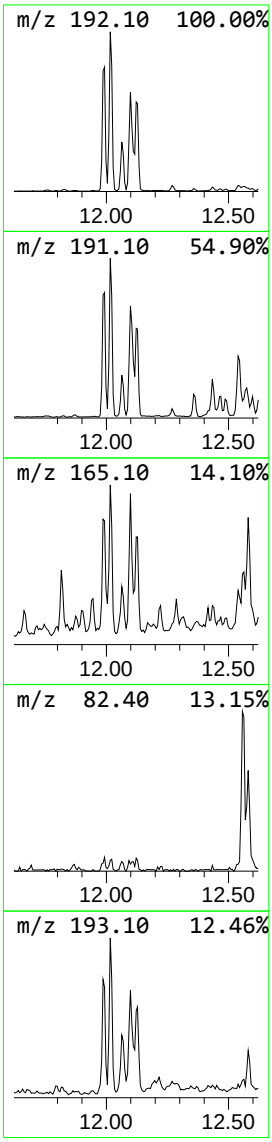
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	3.73 ng	260804	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

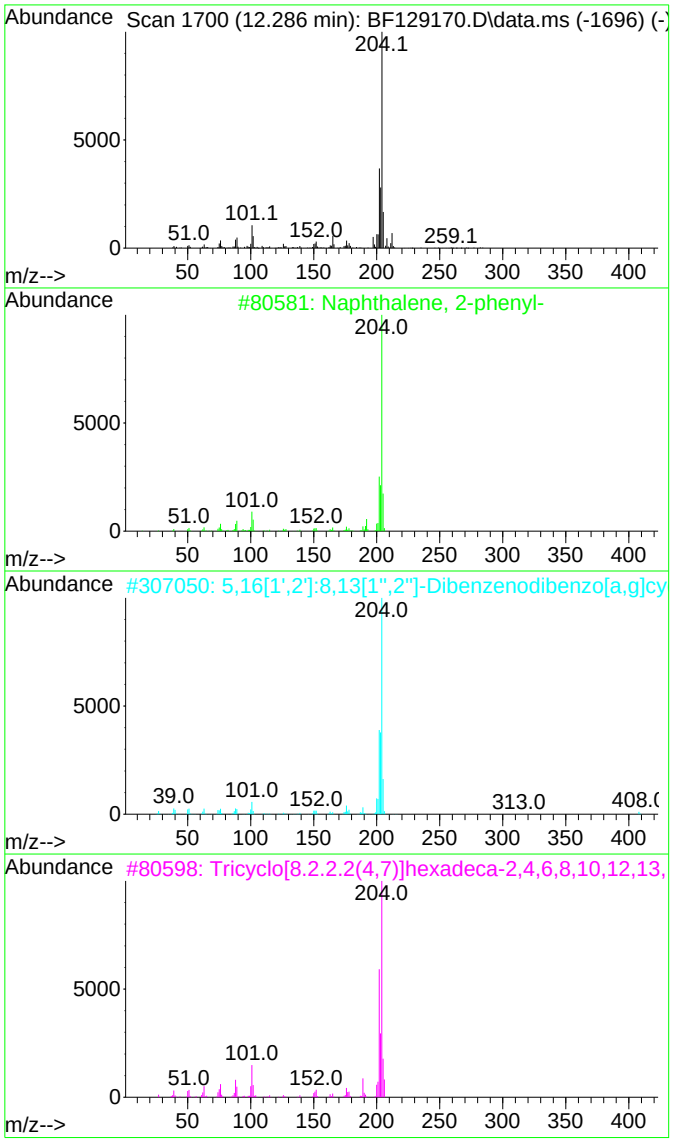
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

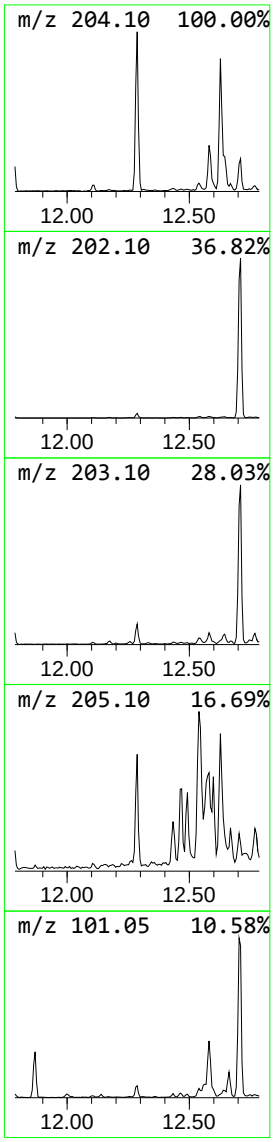
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	3.39 ng	237604	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

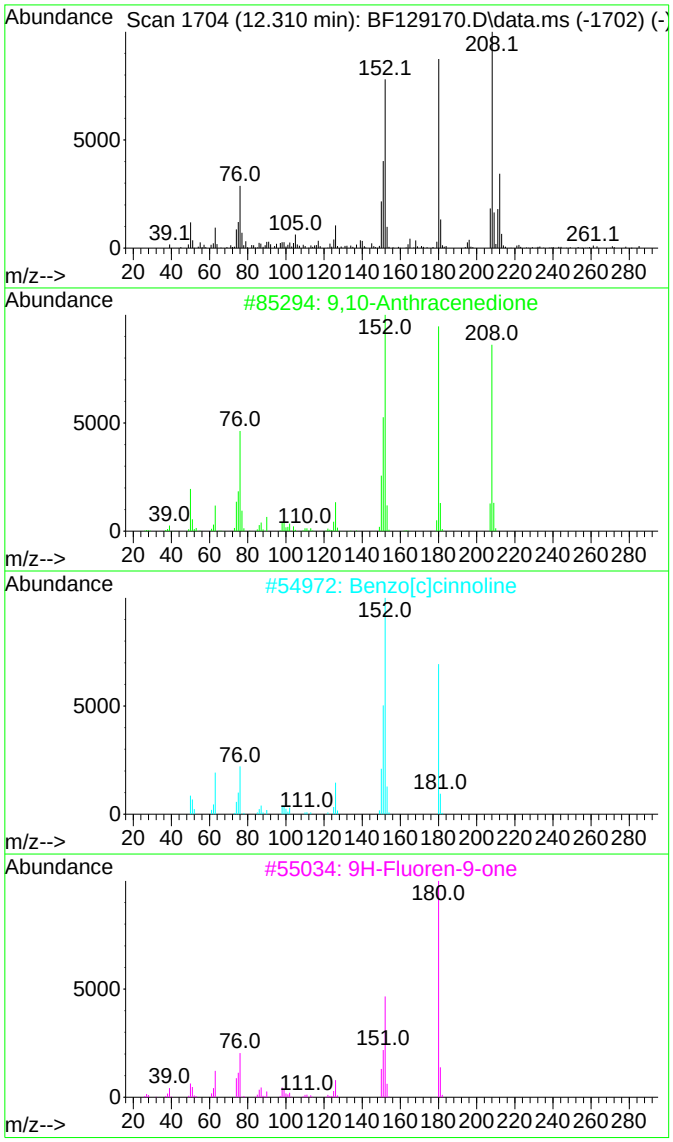
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

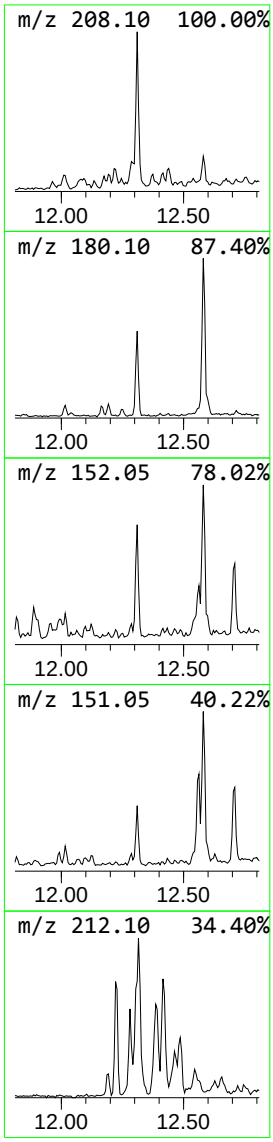
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	2.68 ng	187307	Phenanthrene-d10	11.486

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	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

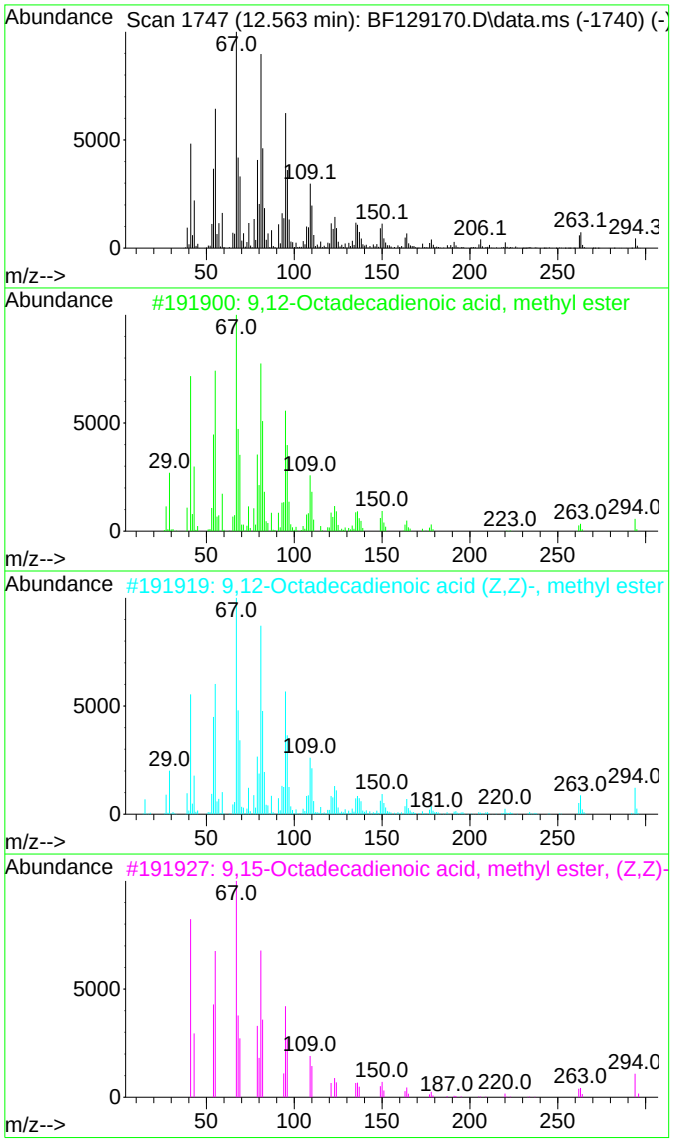
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

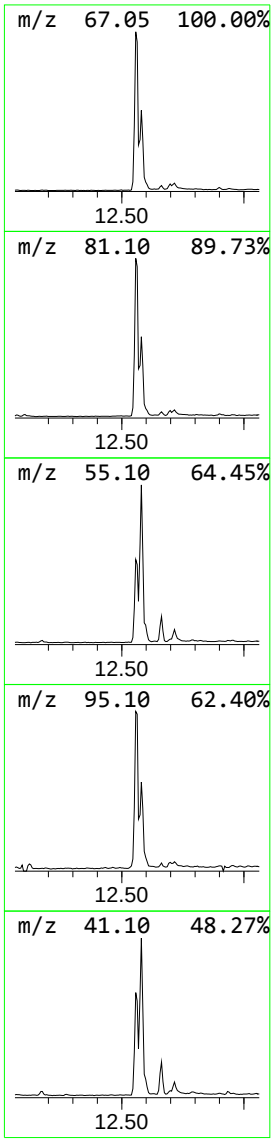
****

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	70.44 ng	4930730	Phenanthrene-d10	11.486

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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

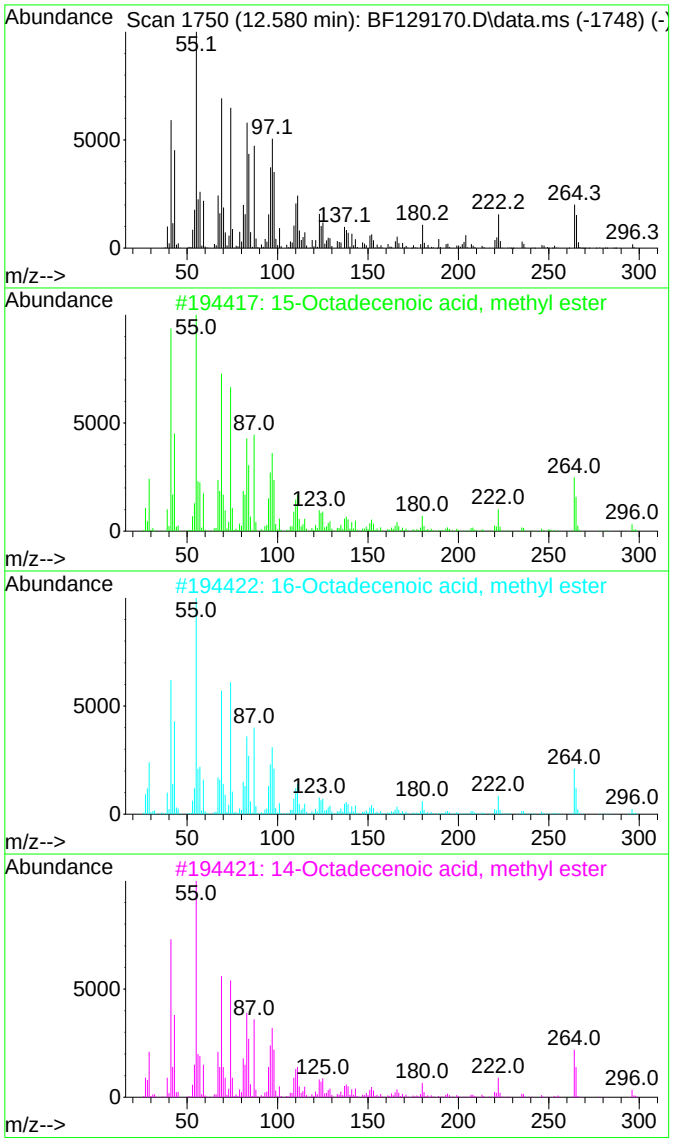
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

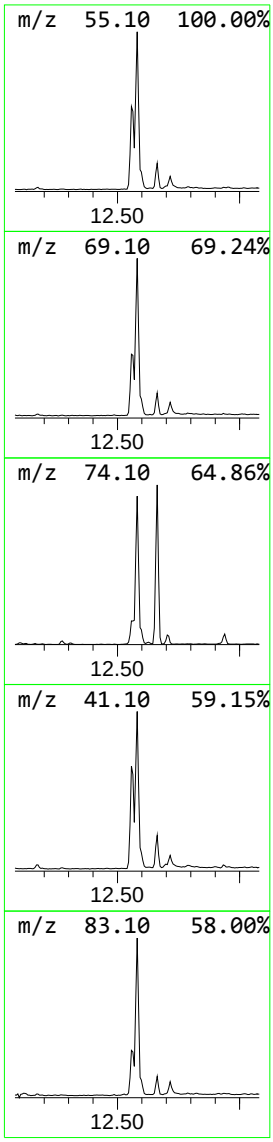
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	85.05 ng	5953990	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

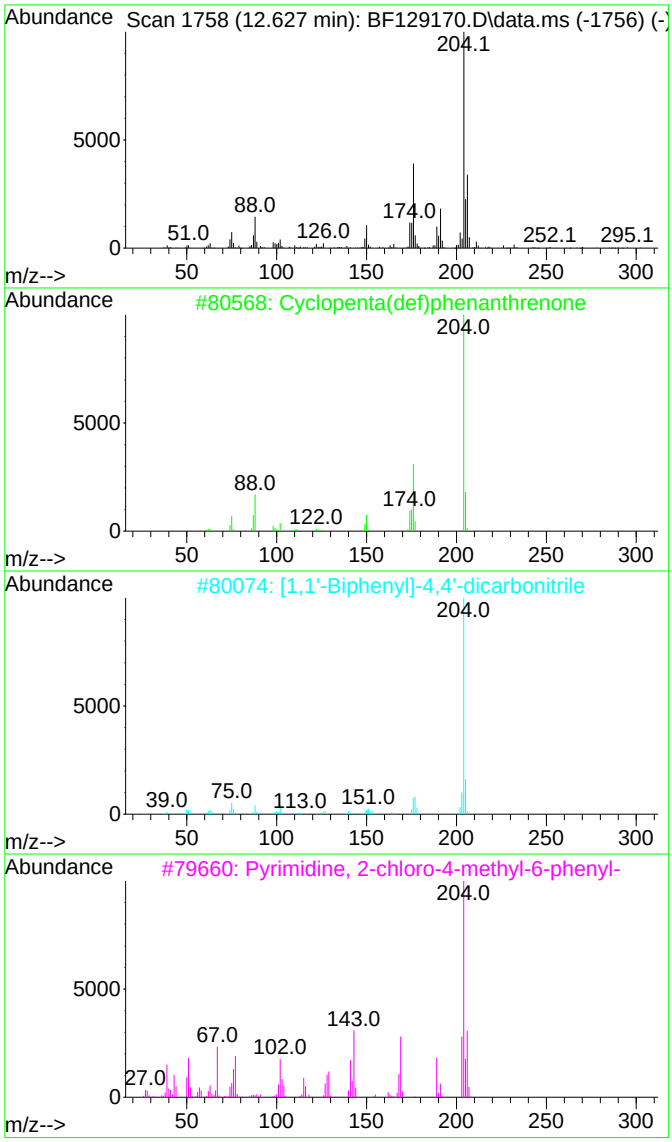
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

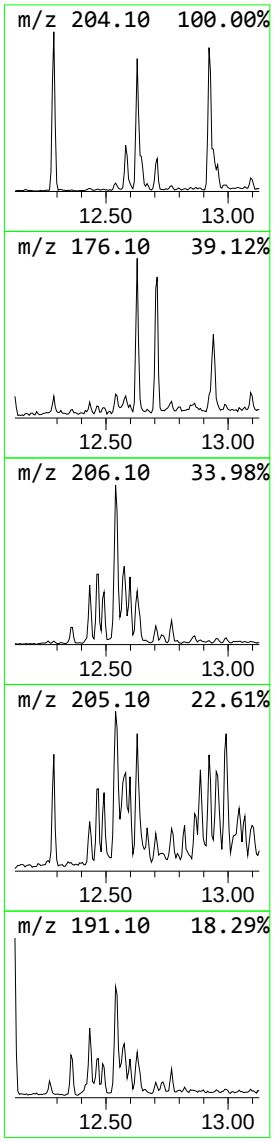
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	3.16 ng	221528	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

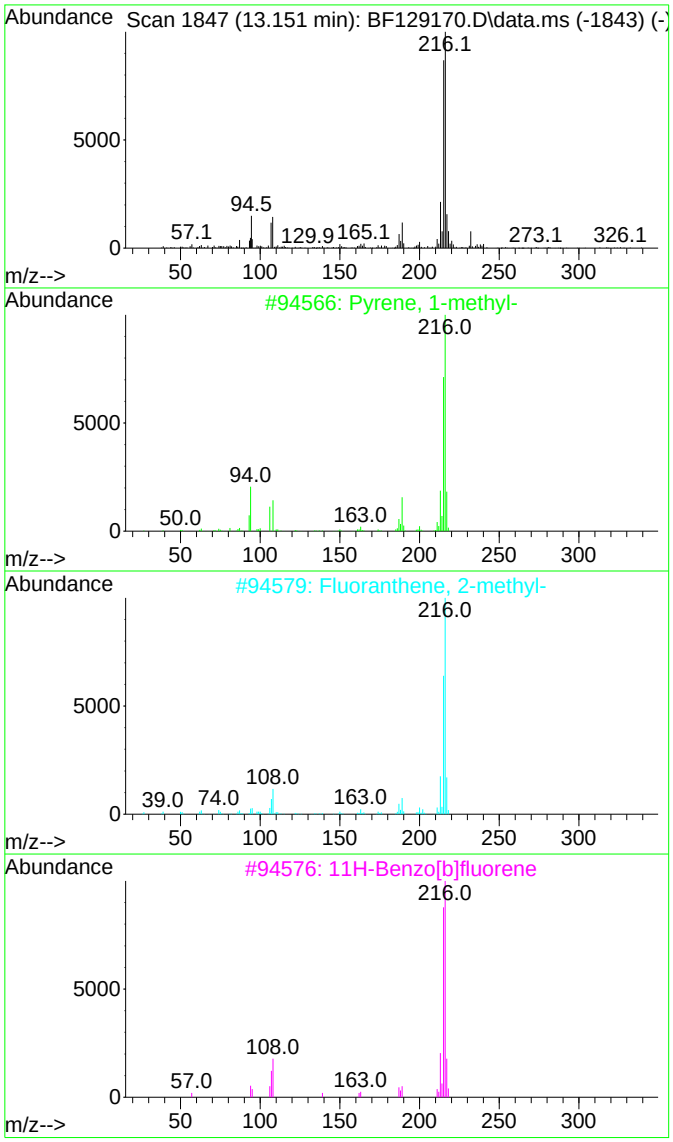
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

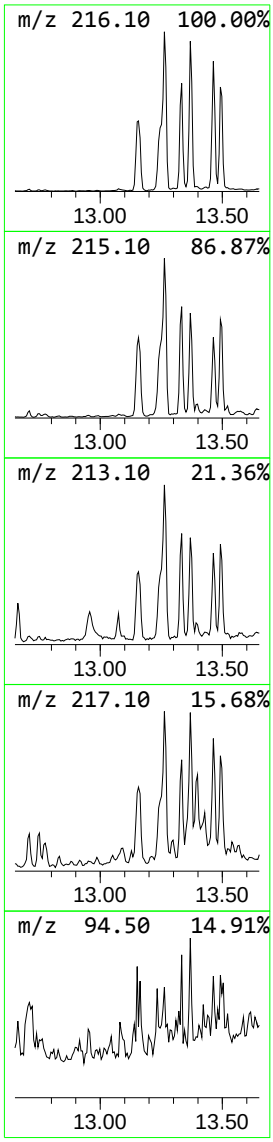
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.69 ng	483878	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

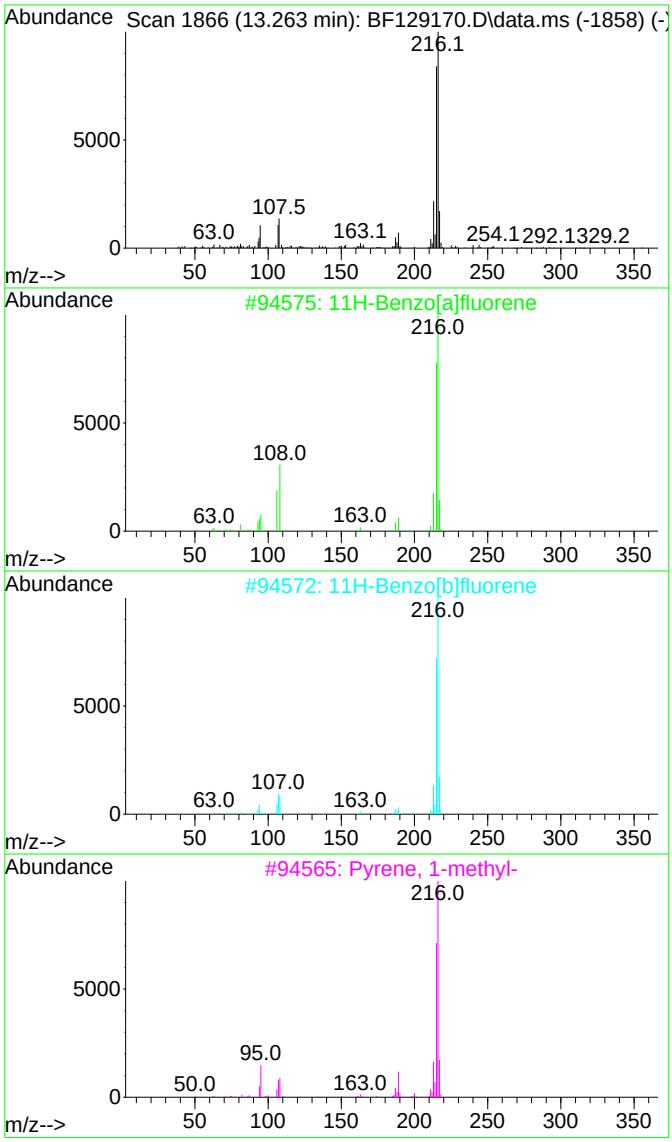
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

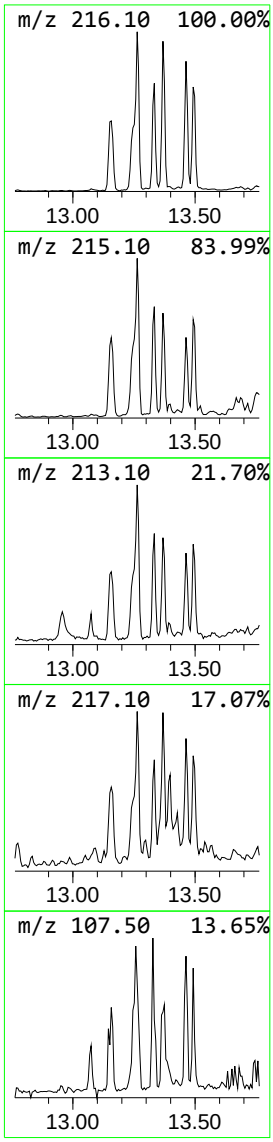
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	5.02 ng	904134	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

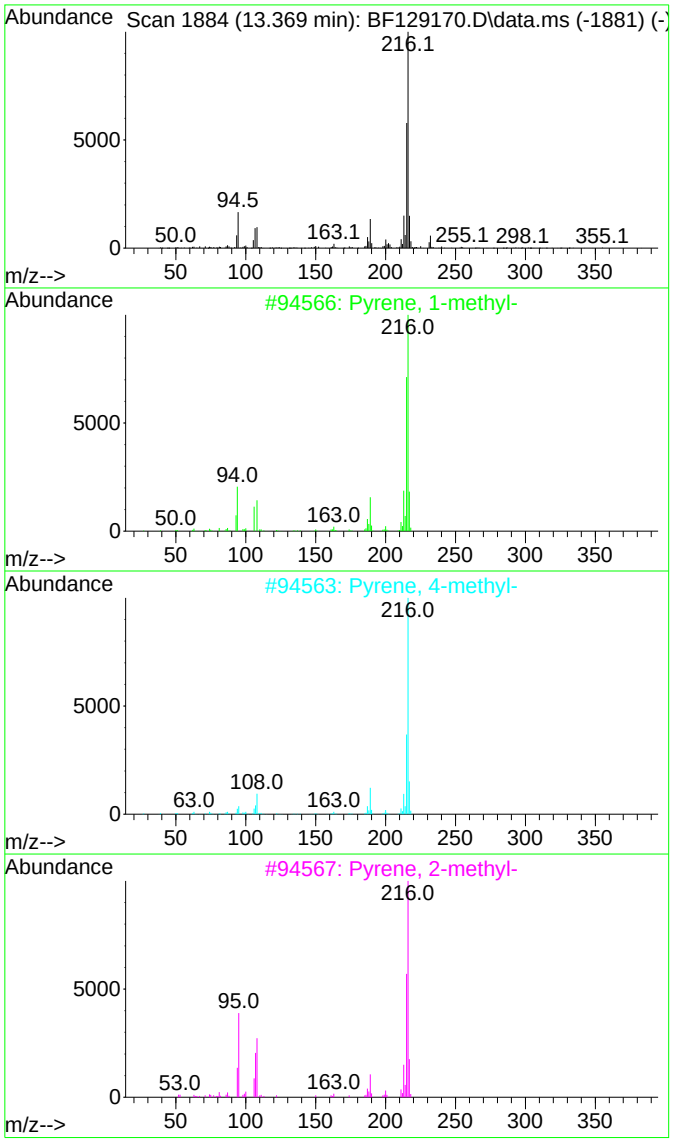
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

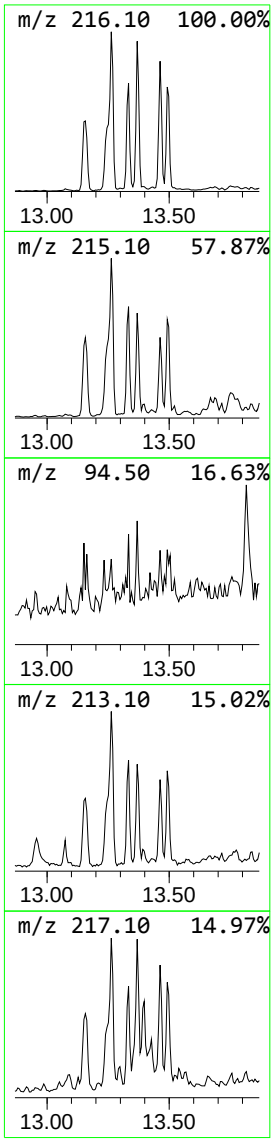
****

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	2.40 ng	432821	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

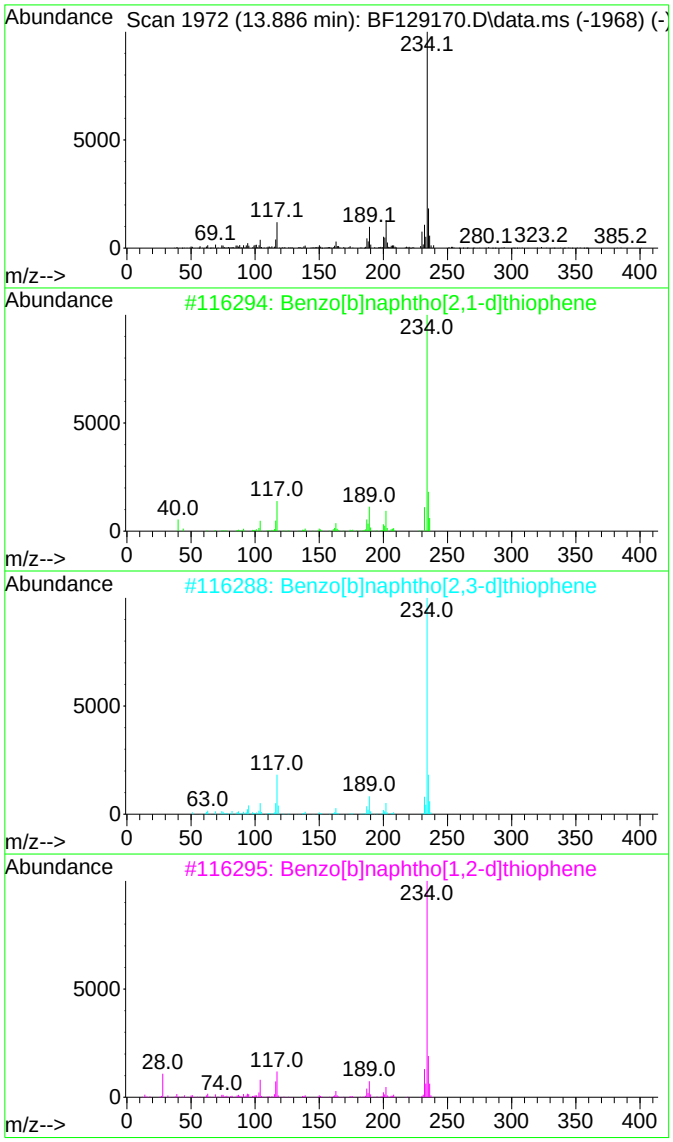
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

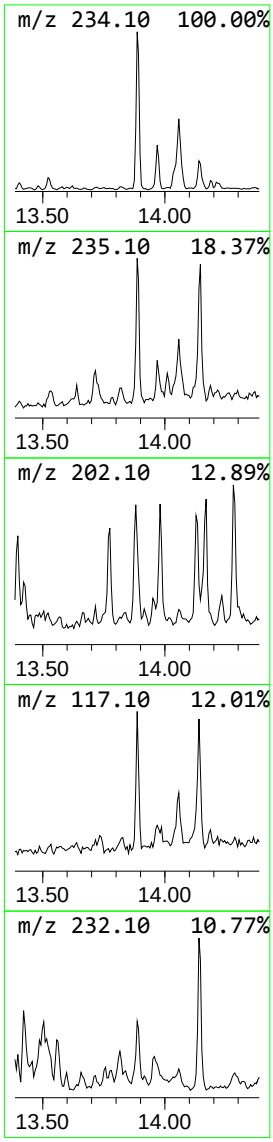
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.32 ng	417891	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

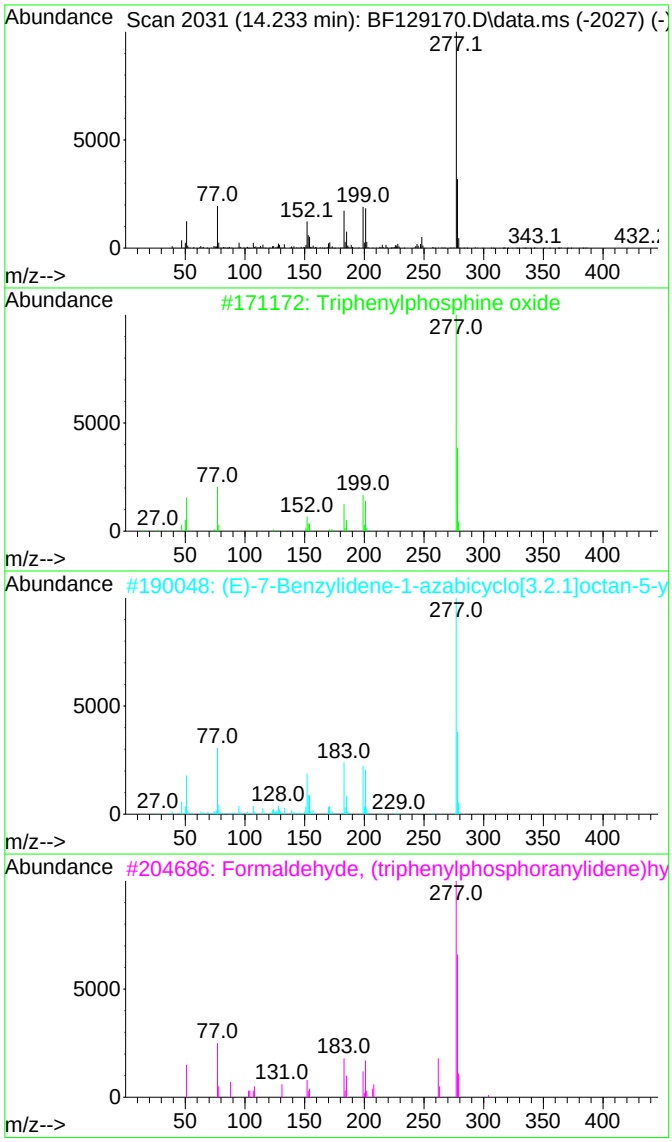
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

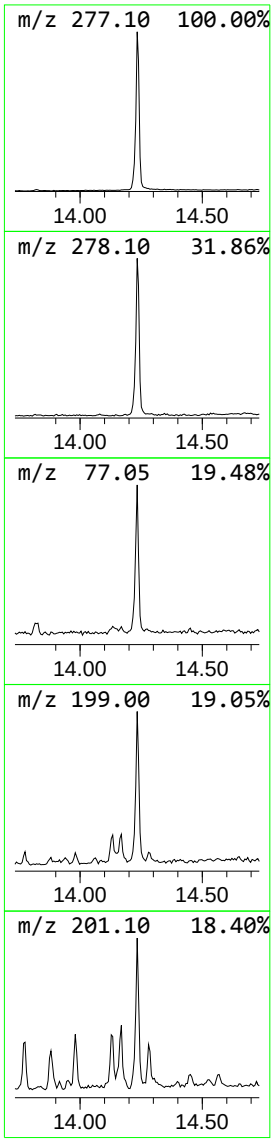
****

Peak Number 19 Triphenylphosphine oxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	4.71 ng	849315	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	50
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

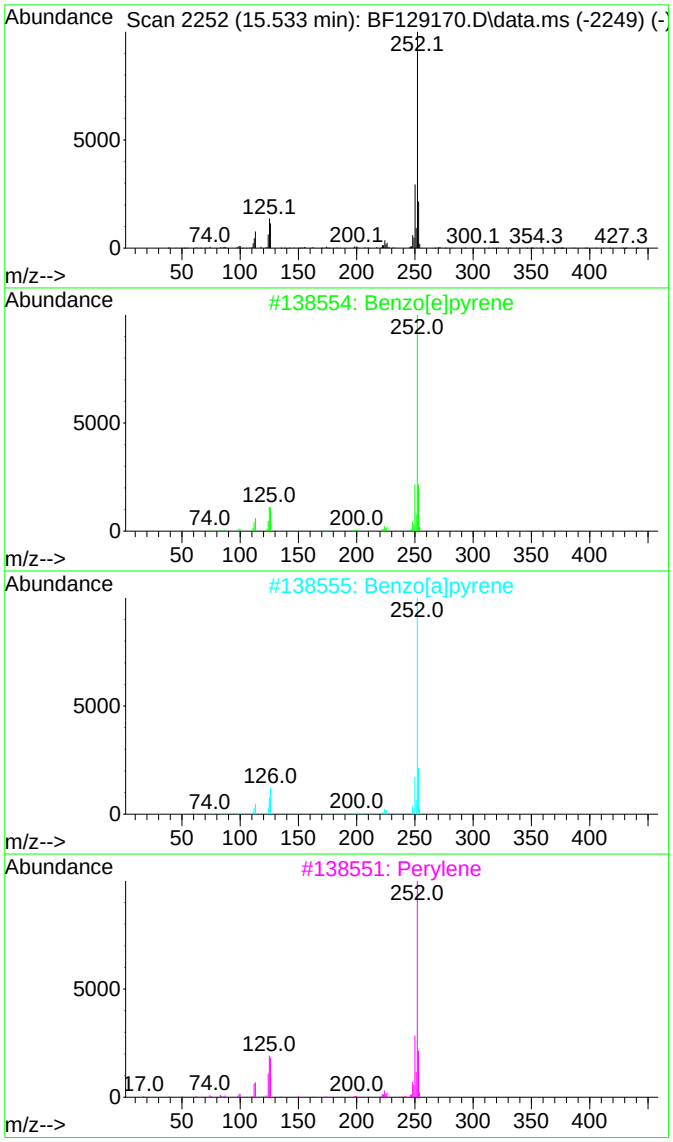
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

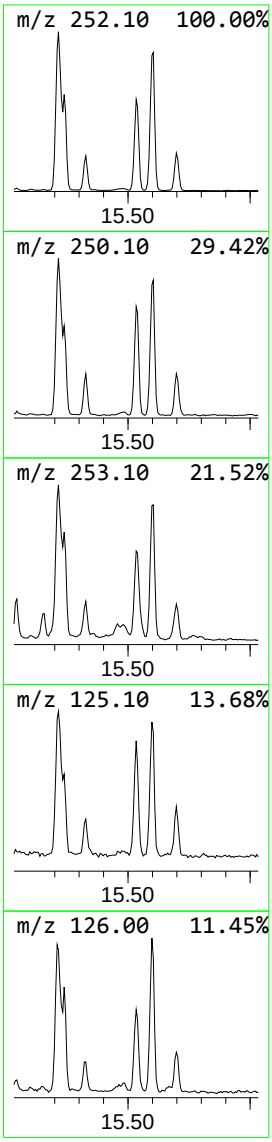
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	13.06 ng	817326	Perylene-d12	15.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
Data File : BF129170.D
Acq On : 07 Jul 2022 21:07
Operator : CG\JU
Sample : N3605-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-2-070622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
Heptadecane	10.886	4.8	ng	332699	4	11.486	1400050	20.0
Pentadecane	11.334	3.3	ng	231467	4	11.486	1400050	20.0
9-Hexadecenoic ...	11.792	2.5	ng	171714	4	11.486	1400050	20.0
Hexadecanoic ac...	11.869	33.3	ng	2331790	4	11.486	1400050	20.0
Anthracene, 2-m...	11.992	10.5	ng	736896	4	11.486	1400050	20.0
Phenanthrene, 2...	12.016	5.8	ng	403003	4	11.486	1400050	20.0
Anthracene, 9-m...	12.063	2.4	ng	169315	4	11.486	1400050	20.0
4H-Cyclopenta[d...	12.104	9.6	ng	671943	4	11.486	1400050	20.0
Phenanthrene, 1...	12.122	3.7	ng	260804	4	11.486	1400050	20.0
Naphthalene, 2-...	12.286	3.4	ng	237604	4	11.486	1400050	20.0
9,10-Anthracene...	12.310	2.7	ng	187307	4	11.486	1400050	20.0
9,12-Octadecadi...	12.563	70.4	ng	4930730	4	11.486	1400050	20.0
15-Octadecenoic...	12.580	85.0	ng	5953990	4	11.486	1400050	20.0
Cyclopenta(def)...	12.628	3.2	ng	221528	4	11.486	1400050	20.0
Pyrene, 1-methyl-	13.151	2.7	ng	483878	5	14.139	3603250	20.0
11H-Benzo[a]flu...	13.263	5.0	ng	904134	5	14.139	3603250	20.0
Pyrene, 4-methyl-	13.369	2.4	ng	432821	5	14.139	3603250	20.0
Benzo[b]naphtho...	13.886	2.3	ng	417891	5	14.139	3603250	20.0
Triphenylphosph...	14.233	4.7	ng	849315	5	14.139	3603250	20.0
Benzo[e]pyrene	15.533	13.1	ng	817326	6	15.669	1251320	20.0