LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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: BF127924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.616	45	56	57	rBV3	28894	91300	1.91%	0.223%
2	5.198	492	495	503	rVB	45599	60851	1.27%	0.149%
3	5.575	553	559	562	rBV	3437429	3790587	79.41%	9.268%
4	6.569	722	728	731	rBV	3446160	4058244	85.01%	9.922%
5	6.939	787	791	795	rBV	1136928	895952	18.77%	2.191%
6	7.504	881	887	890	rBV	2489320	2825529	59.19%	6.908%
7	7.669	911	915	919	rVB	77374	67692	1.42%	0.166%
8	8.222	1005	1009	1025	rVB	1295209	1248030	26.14%	3.051%
9	9.298	1186	1192	1196	rBV	4495488	4773664	100.00%	11.671%
10	9.369	1200	1204	1207	rVB2	52150	48833	1.02%	0.119%
11	9.980	1298	1308	1311	rBV	1482356	1425992	29.87%	3.486%
12	10.016	1311	1314	1317	rVB	218372	187631	3.93%	0.459%
13	10.186	1338	1343	1347	rBV	127518	123675	2.59%	0.302%
14	10.533	1397	1402	1406	rBV	182847	185496	3.89%	0.454%
15	10.686	1426	1428	1433	rVB	67545	59597	1.25%	0.146%
16	10.774	1438	1443	1447	rBV	2929534	3046574	63.82%	7.449%
17	11.080	1488	1495	1497	rBV3	58580	82610	1.73%	0.202%
18	11.280	1525	1529	1533	rVB	57717	52908	1.11%	0.129%
19	11.321	1533	1536	1541	rVV3	43178	64059	1.34%	0.157%
20	11.369	1541	1544	1549	rVB	111228	102677	2.15%	0.251%
21	11.474	1558	1562	1564	rBV	1530710	1399669	29.32%	3.422%
22	11.498	1564	1566	1570	rVV	1852115	1671526	35.02%	4.087%
23	11.551	1570	1575	1578	rVV	509601	466909	9.78%	1.142%
24	11.586	1578	1581	1586	rVB	46700	54354	1.14%	0.133%
25	11.704	1596	1601	1607	rBV2	178581	196507	4.12%	0.480%
26	11.974	1642	1647	1650	rBV2	198643	302482	6.34%	0.740%
27	12.004	1650	1652	1656	rVB	296888	232107	4.86%	0.567%
28	12.051	1657	1660	1663	rVB	106197	84957	1.78%	0.208%
29	12.092	1663	1667	1669	rBV	262111	290334	6.08%	0.710%
30	12.274	1694	1698	1700	rBV	130866	119892	2.51%	0.293%
31	12.298	1700	1702	1705	rVB	86727	67486	1.41%	0.165%
32	12.527	1737	1741	1743	rBV	73578	83212	1.74%	0.203%
33	12.610	1752	1755	1760	rVB2	53831	68656	1.44%	0.168%
34	12.692	1765	1769	1772	rBV	1704657	1453221	30.44%	3.553%
35	12.921	1802	1808	1813	rBV	1317249	1377105	28.85%	3.367%
36	12.968	1813	1816	1820	rVB2	69319	77859	1.63%	0.190%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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	13.063	1824	1832	1840	rBV	3980505	4056713	84.98%	9.918%
38	13.133	1840	1844	1849	rBV2	65819	118610	2.48%	0.290%
39	13.221	1856	1859	1861	rBV4	54336	70988	1.49%	0.174%
40	13.245	1861	1863	1867	rVB	139962	136537	2.86%	0.334%
41	13.315	1872	1875	1877	rBV	114515	97520	2.04%	0.238%
42	13.351	1877	1881	1884	rBV2	98946	113106	2.37%	0.277%
43	13.533	1909	1912	1919	rVB2	141881	156771	3.28%	0.383%
44	13.757	1947	1950	1954	rVB	50309	61147	1.28%	0.149%
45	13.868	1965	1969	1972	rBV2	59301	74012	1.55%	0.181%
46	13.898	1972	1974	1976	rVV	81433	64975	1.36%	0.159%
47	13.921	1976	1978	1982	rVV2	65308	91342	1.91%	0.223%
48	13.962	1983	1985	1989	rVB	65070	64566	1.35%	0.158%
49	14.027	1990	1996	2004	rBV3	154020	408884	8.57%	1.000%
50	14.121	2004	2012	2014	rVV2	982708	1306804	27.38%	3.195%
51	14.145	2014	2016	2022	rVB	428049	372324	7.80%	0.910%
52	14.227	2026	2030	2033	rVB2	83799	99106	2.08%	0.242%
53	14.504	2075	2077	2080	rVB	68397	57610	1.21%	0.141%
54	15.186	2188	2193	2196	rBV	298960	482385	10.11%	1.179%
55	15.298	2209	2212	2216	rVB	64771	59685	1.25%	0.146%
56	15.504	2243	2247	2254	rVB	181985	239094	5.01%	0.585%
57	15.568	2254	2258	2264	rVB	293701	354039	7.42%	0.866%
58	15.639	2264	2270	2273	rBV	628109	841486	17.63%	2.057%
59	17.174	2526	2531	2541	rVB2	113297	237209	4.97%	0.580%
60	17.645	2606	2611	2621	rVB2	80620	198047	4.15%	0.484%

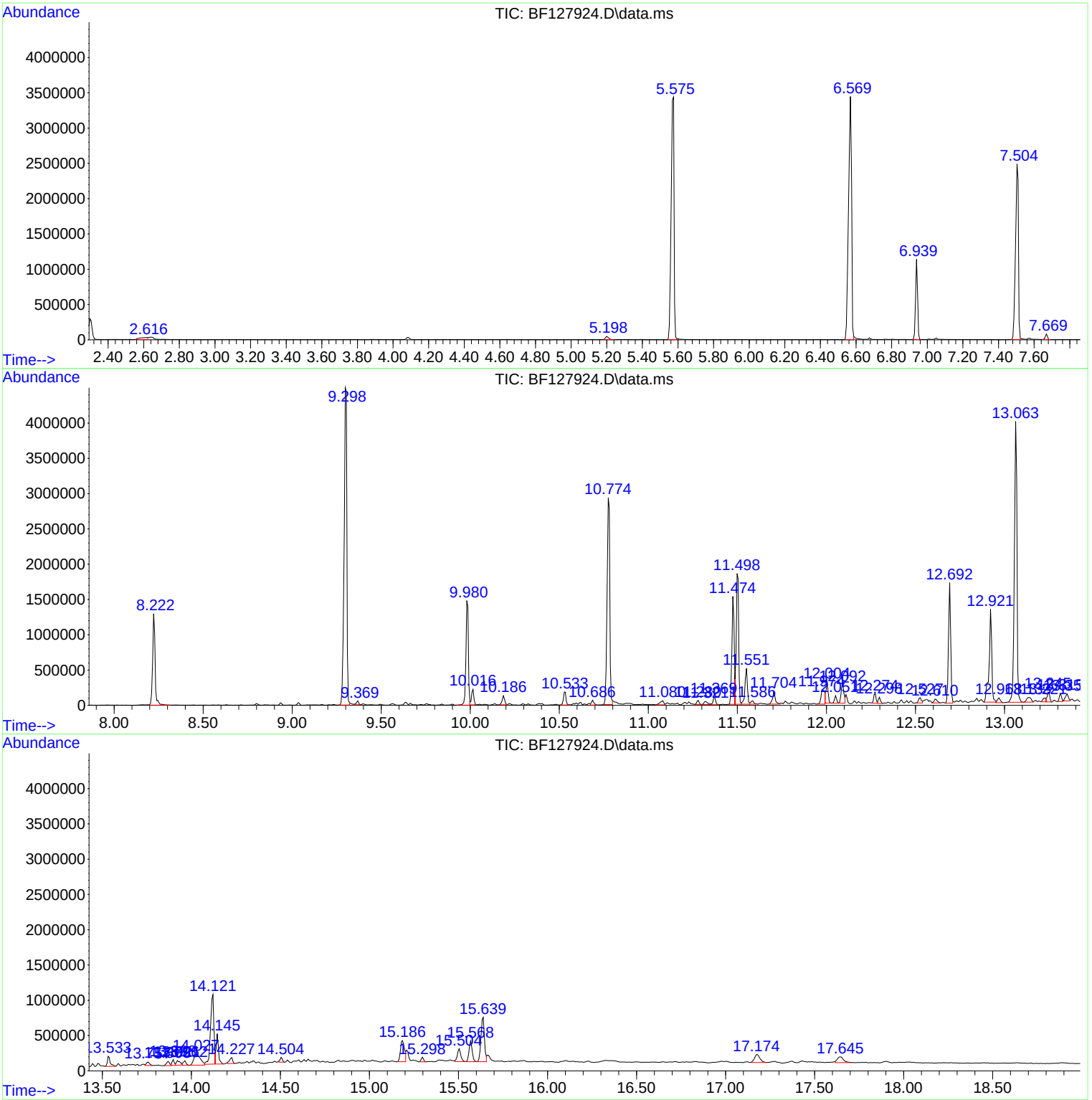
Sum of corrected areas: 40901137

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

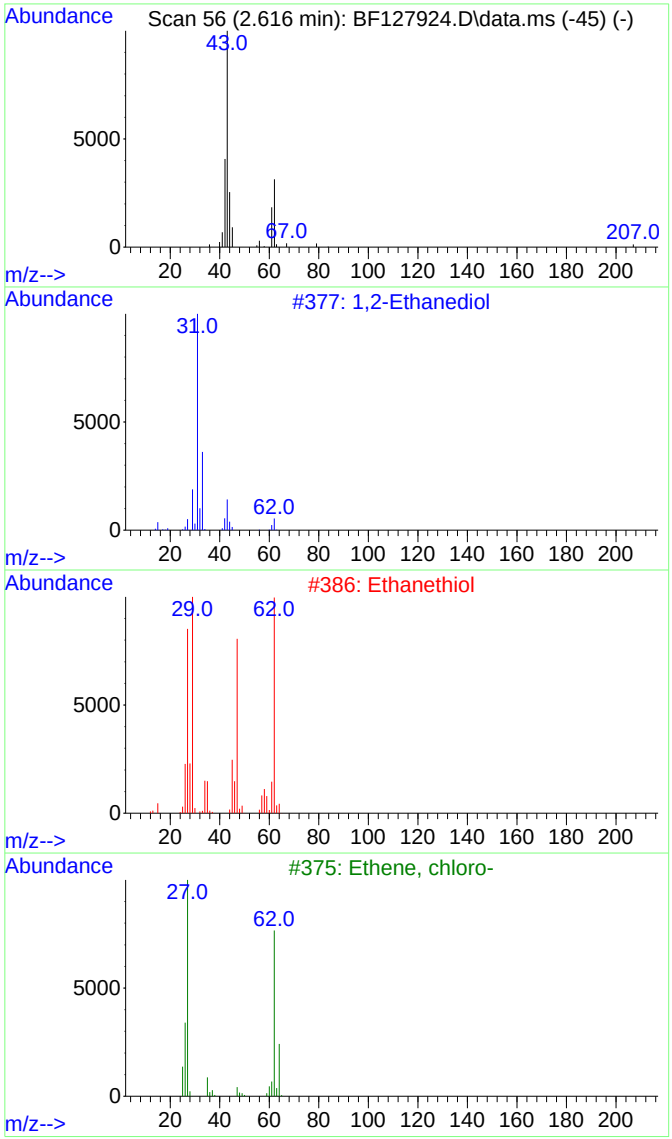
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

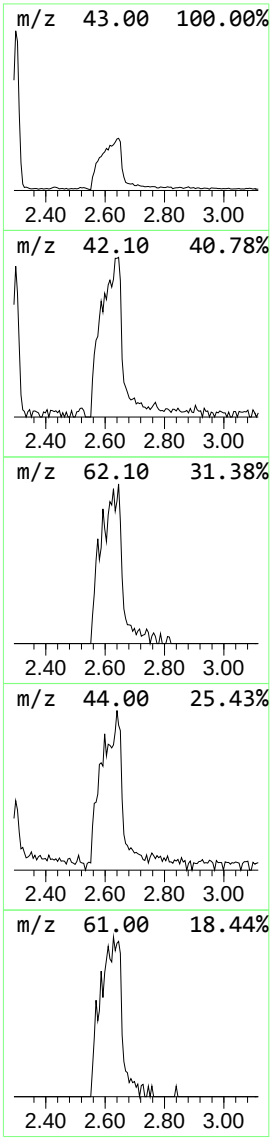
****

Peak Number 1 unknown2.616 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.616	2.04 ng	91300	1,4-Dichlorobenzene-d4	6.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	9
2	Ethanethiol	62	C2H6S	000075-08-1	5
3	Ethene, chloro-	62	C2H3Cl	000075-01-4	4
4	Carbonodithioic acid, S-ethyl O-...	164	C6H12OS2	038379-93-0	4
5	Peroxide, dimethyl	62	C2H6O2	000690-02-8	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

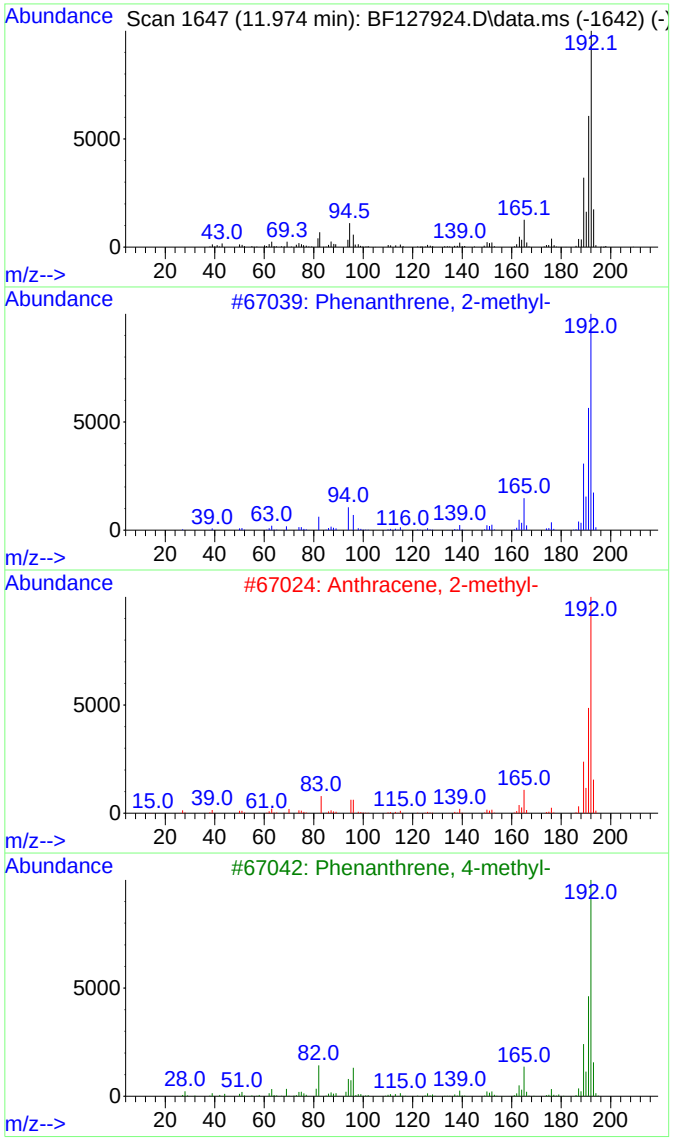
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

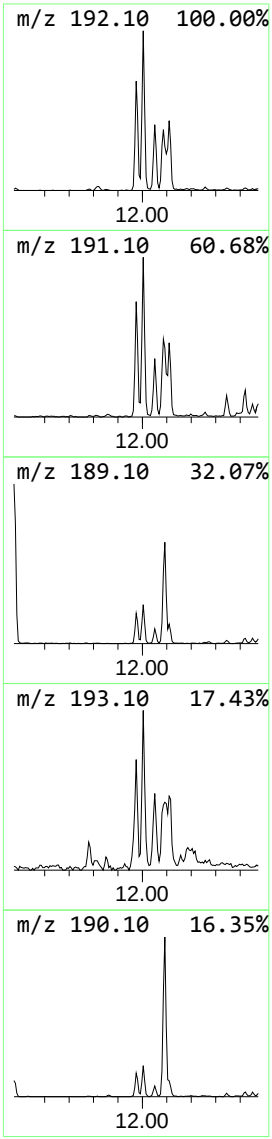
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	4.32 ng	302482	Phenanthrene-d10	11.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

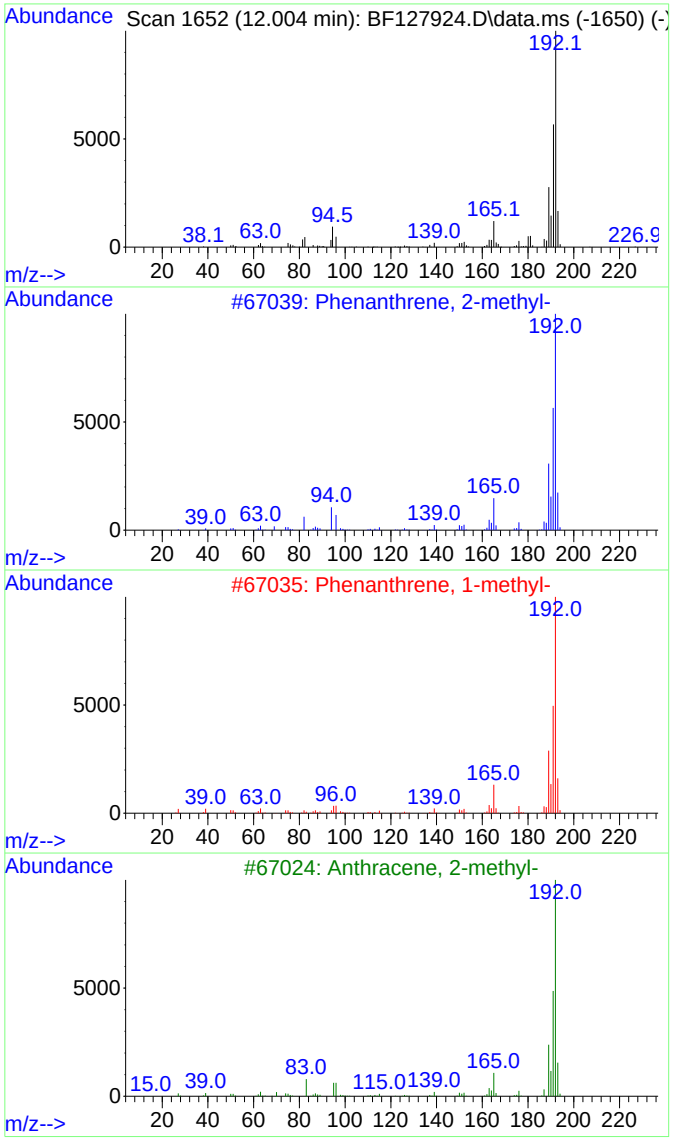
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

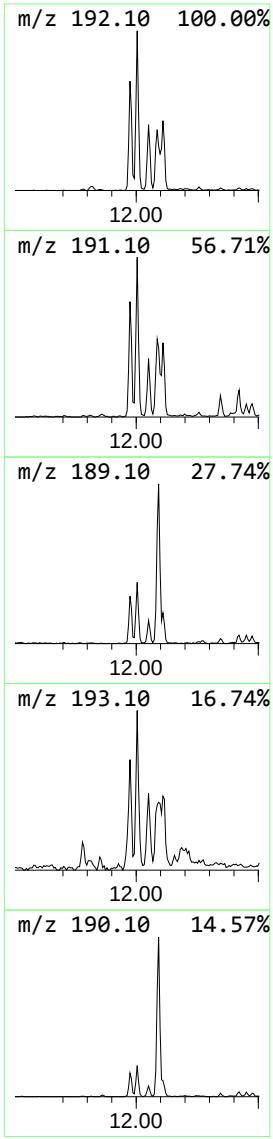
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.32 ng	232107	Phenanthrene-d10	11.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
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\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

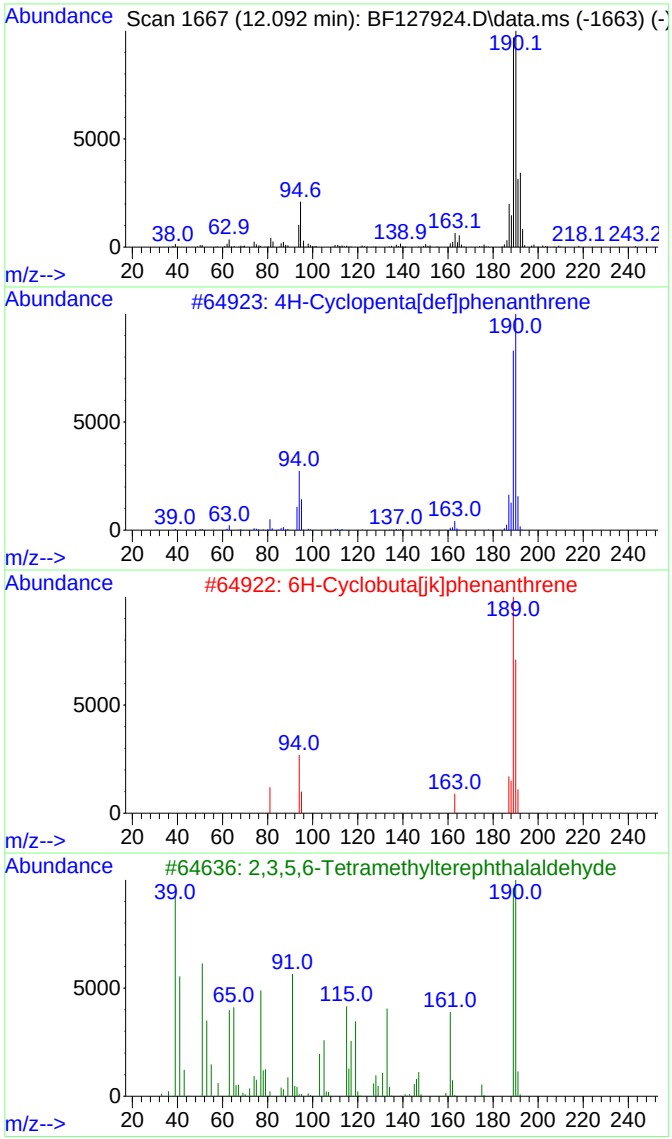
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

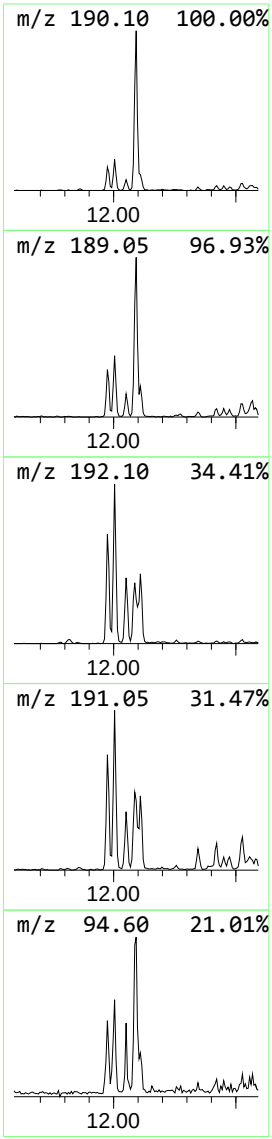
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	4.15 ng	290334	Phenanthrene-d10	11.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

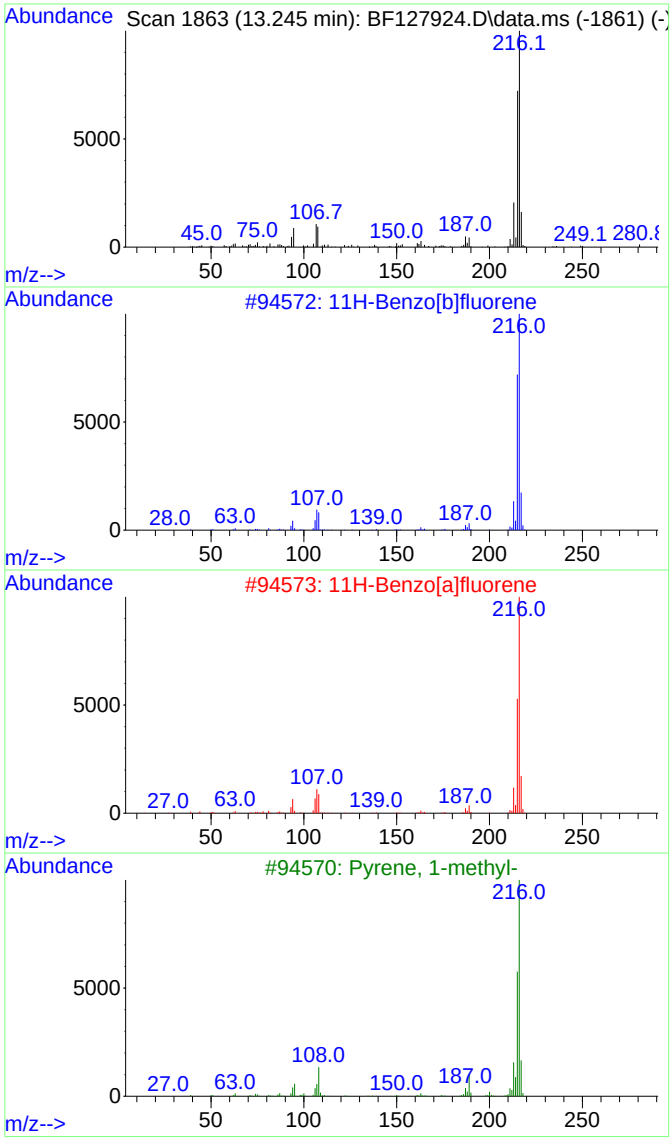
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

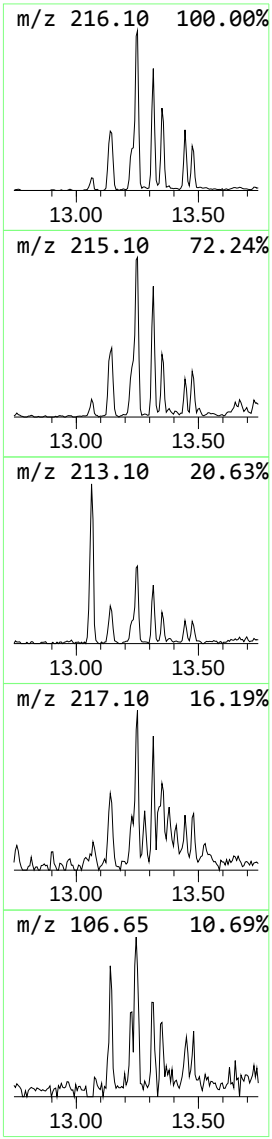
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.09 ng	136537	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

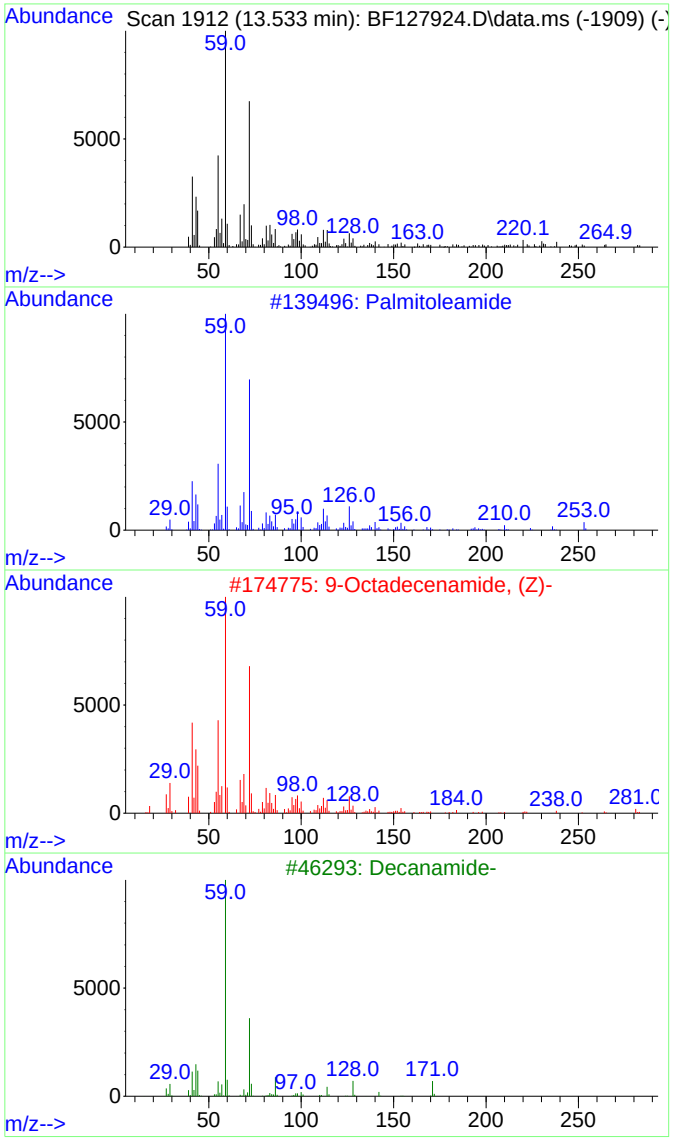
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

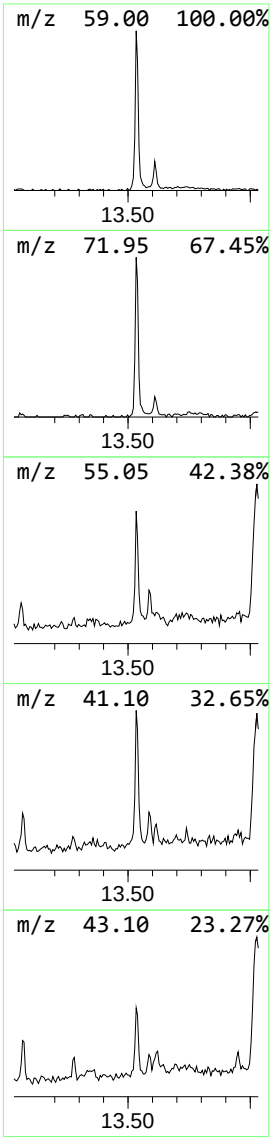
****

Peak Number 6 Palmitoleamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	2.40 ng	156771	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleamide	253	C16H31NO	106010-22-4	97
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Decanamide-	171	C10H21NO	002319-29-1	78
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
5	Octadecanamide	283	C18H37NO	000124-26-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

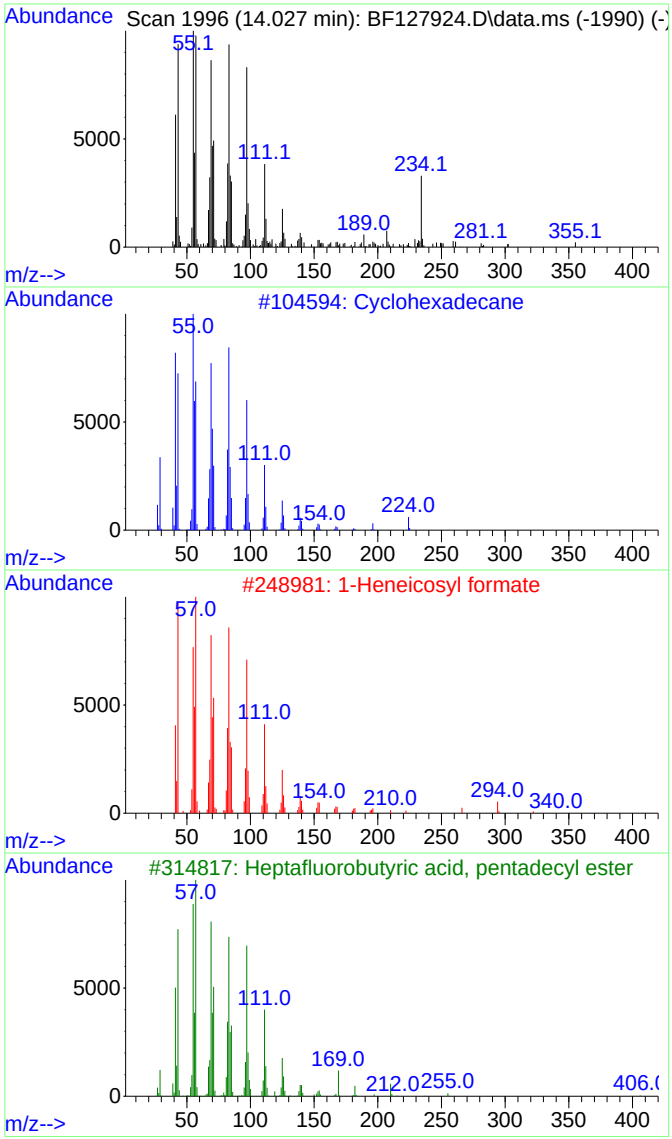
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

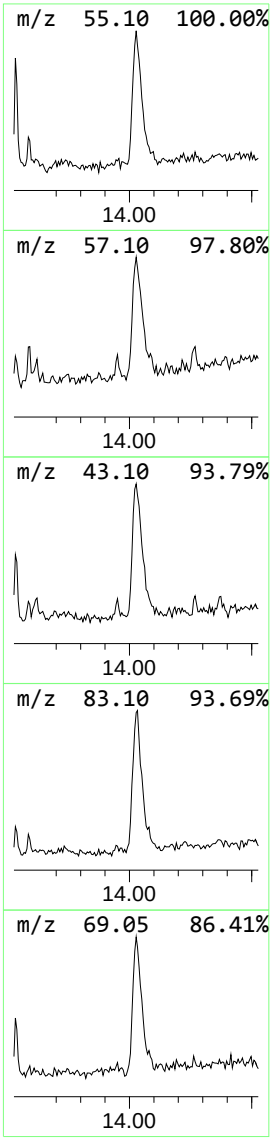
****

Peak Number 7 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	6.26 ng	408884	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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

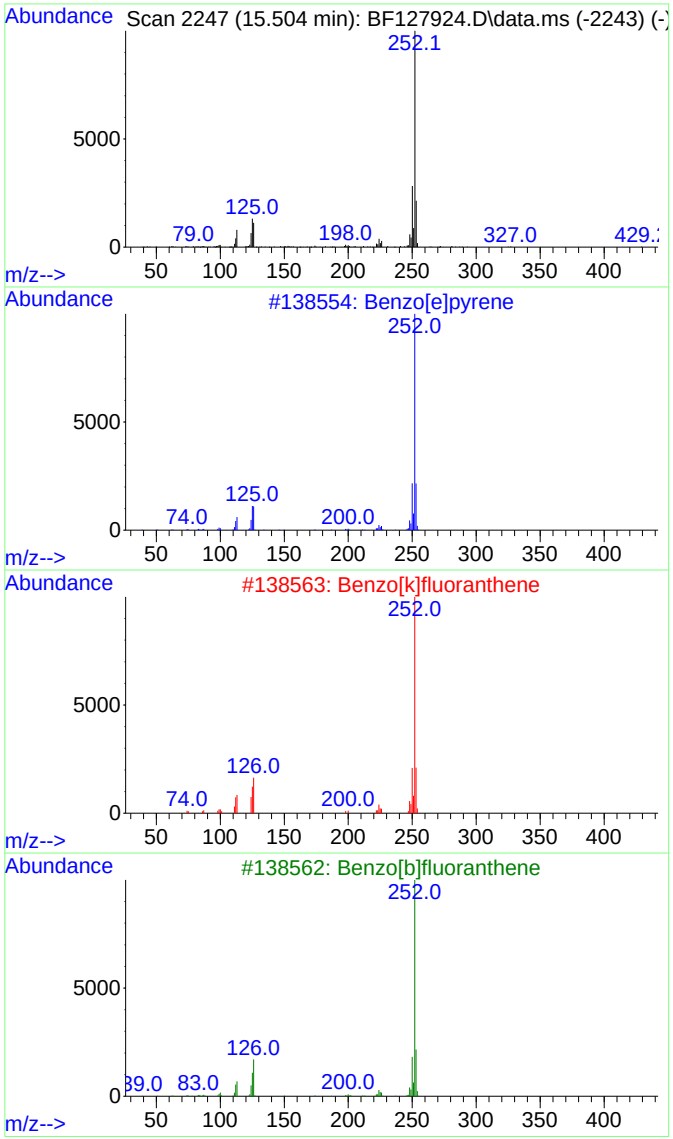
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

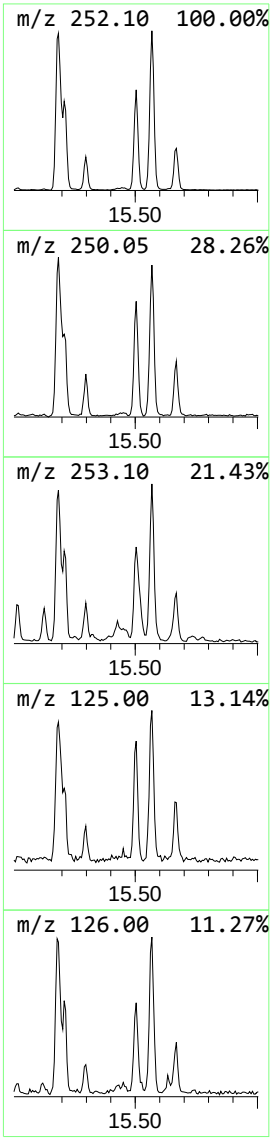
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.504	5.68 ng	239094	Perylene-d12	15.639

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[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127924.D
Acq On : 26 Apr 2022 20:41
Operator : CG\JU
Sample : N2479-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

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
unknown2.616	2.616	2.0	ng	91300	1	6.939	895952	20.0
Phenanthrene, 2...	11.974	4.3	ng	302482	4	11.474	1399670	20.0
Phenanthrene, 1...	12.004	3.3	ng	232107	4	11.474	1399670	20.0
4H-Cyclopenta[d...	12.092	4.2	ng	290334	4	11.474	1399670	20.0
11H-Benzo[b]flu...	13.245	2.1	ng	136537	5	14.121	1306800	20.0
Palmitoleamide	13.533	2.4	ng	156771	5	14.121	1306800	20.0
Cyclohexadecane	14.027	6.3	ng	408884	5	14.121	1306800	20.0
Benzo[e]pyrene	15.504	5.7	ng	239094	6	15.639	841486	20.0