LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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: BF129105.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.099	304	308	312	rVB	106270	130831	1.43%	0.166%
2	5.216	495	498	506	rVB	74617	94424	1.03%	0.120%
3	5.581	553	560	563	rBV	7005982	7567774	82.64%	9.598%
4	6.581	724	730	733	rBV	6437803	7408756	80.90%	9.397%
5	6.957	790	794	797	rBV	1996879	1757780	19.19%	2.229%
6	7.204	832	836	843	rBV2	101333	113915	1.24%	0.144%
7	7.516	884	889	892	rBV	4872660	5057884	55.23%	6.415%
8	8.239	1008	1012	1014	rBV	2740692	2344430	25.60%	2.973%
9	8.257	1014	1015	1018	rVB	176461	105726	1.15%	0.134%
10	9.316	1190	1195	1198	rBV	9855468	9158012	100.00%	11.615%
11	9.745	1265	1268	1271	rBV	140923	124234	1.36%	0.158%
12	9.857	1283	1287	1292	rBV	432591	340366	3.72%	0.432%
13	9.998	1307	1311	1314	rBV	2900936	2370974	25.89%	3.007%
14	10.416	1375	1382	1385	rVB3	73244	107201	1.17%	0.136%
15	10.545	1401	1404	1410	rVB	131769	141906	1.55%	0.180%
16	10.786	1441	1445	1455	rBV	5564206	4879271	53.28%	6.188%
17	10.904	1460	1465	1469	rBV5	87017	158831	1.73%	0.201%
18	11.386	1541	1547	1551	rVB2	75440	106359	1.16%	0.135%
19	11.486	1560	1564	1566	rBV	2477177	2098447	22.91%	2.662%
20	11.510	1566	1568	1572	rVV	1343290	1118517	12.21%	1.419%
21	11.563	1573	1577	1580	rVV	364077	297890	3.25%	0.378%
22	11.998	1646	1651	1653	rBV2	369767	530505	5.79%	0.673%
23	12.016	1653	1654	1657	rVB	355778	256513	2.80%	0.325%
24	12.104	1665	1669	1671	rBV2	428539	448837	4.90%	0.569%
25	12.122	1671	1672	1677	rVB	183865	149553	1.63%	0.190%
26	12.286	1697	1700	1702	rBV	177523	146632	1.60%	0.186%
27	12.310	1702	1704	1708	rVB2	150499	126572	1.38%	0.161%
28	12.539	1740	1743	1746	rBV	249233	255687	2.79%	0.324%
29	12.580	1746	1750	1752	rVV3	126757	190649	2.08%	0.242%
30	12.627	1755	1758	1763	rBV2	189580	208284	2.27%	0.264%
31	12.704	1768	1771	1775	rBV	2512357	2364003	25.81%	2.998%
32	12.798	1783	1787	1790	rVB	193568	225189	2.46%	0.286%
33	12.939	1804	1811	1814	rBV	2496180	2499180	27.29%	3.170%
34	12.986	1816	1819	1824	rVB2	178889	234433	2.56%	0.297%
35	13.080	1827	1835	1838	rBV	7529488	7243057	79.09%	9.187%
36	13.151	1843	1847	1852	rBV2	220362	360897	3.94%	0.458%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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	13.239	1859	1862	1864	rBV3	166993	215467	2.35%	0.273%
38	13.263	1864	1866	1869	rVB	494606	419891	4.58%	0.533%
39	13.298	1869	1872	1875	rBV3	88254	108659	1.19%	0.138%
40	13.333	1875	1878	1880	rVV	329160	277277	3.03%	0.352%
41	13.368	1880	1884	1887	rVV2	320109	317909	3.47%	0.403%
42	13.463	1897	1900	1903	rBV	200388	148634	1.62%	0.189%
43	13.492	1903	1905	1908	rVV	168479	151851	1.66%	0.193%
44	13.639	1927	1930	1932	rBV	120057	122911	1.34%	0.156%
45	13.768	1950	1952	1957	rVB	188909	219702	2.40%	0.279%
46	13.886	1968	1972	1975	rBV3	230791	270485	2.95%	0.343%
47	13.916	1975	1977	1979	rBV	236112	177591	1.94%	0.225%
48	13.939	1979	1981	1985	rVV2	185777	210842	2.30%	0.267%
49	13.980	1985	1988	1991	rVB2	144371	156641	1.71%	0.199%
50	14.139	2010	2015	2017	rBV2	2438643	3377758	36.88%	4.284%
51	14.163	2017	2019	2025	rVB	1434140	1363655	14.89%	1.730%
52	14.233	2027	2031	2036	rBV2	459774	650257	7.10%	0.825%
53	14.280	2037	2039	2044	rVB3	157205	169798	1.85%	0.215%
54	14.363	2049	2053	2056	rBV2	123956	207384	2.26%	0.263%
55	14.521	2078	2080	2084	rVB	319403	311562	3.40%	0.395%
56	14.557	2084	2086	2089	rVB	212947	196645	2.15%	0.249%
57	14.592	2090	2092	2094	rBV3	126531	119759	1.31%	0.152%
58	14.651	2100	2102	2104	rBV2	203771	196714	2.15%	0.249%
59	14.674	2104	2106	2110	rVB2	205716	198330	2.17%	0.252%
60	15.210	2192	2197	2200	rBV	1398599	2147279	23.45%	2.723%
61	15.321	2213	2216	2220	rVB	332146	343425	3.75%	0.436%
62	15.533	2248	2252	2257	rVB	810596	1042832	11.39%	1.323%
63	15.598	2258	2263	2269	rBV	1184638	1490277	16.27%	1.890%
64	15.662	2270	2274	2278	rBV2	1309735	1819581	19.87%	2.308%
65	17.215	2532	2538	2546	rVB2	461589	1015867	11.09%	1.288%
66	17.686	2613	2618	2627	rVB	336875	671756	7.34%	0.852%

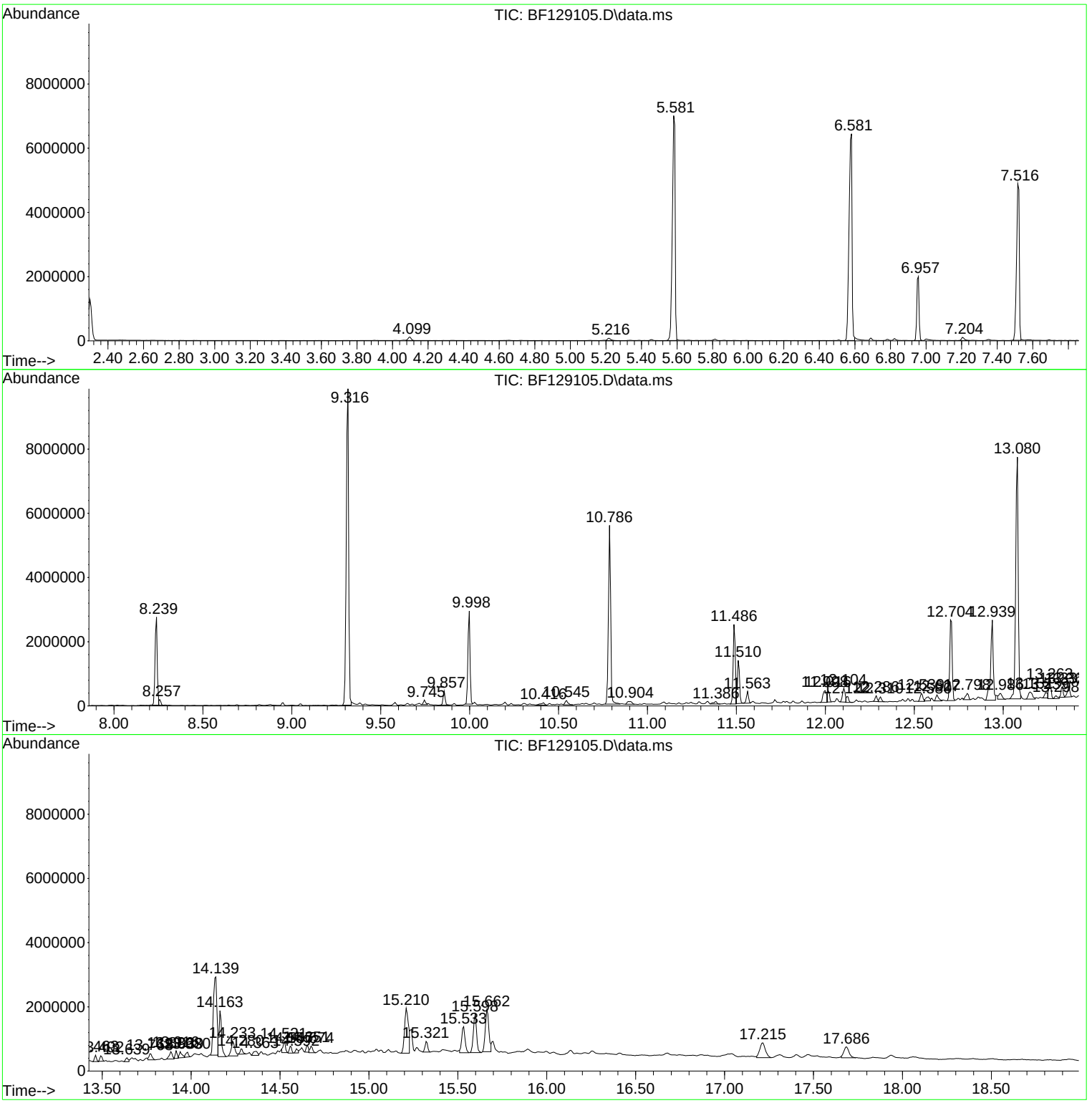
Sum of corrected areas: 78844258

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

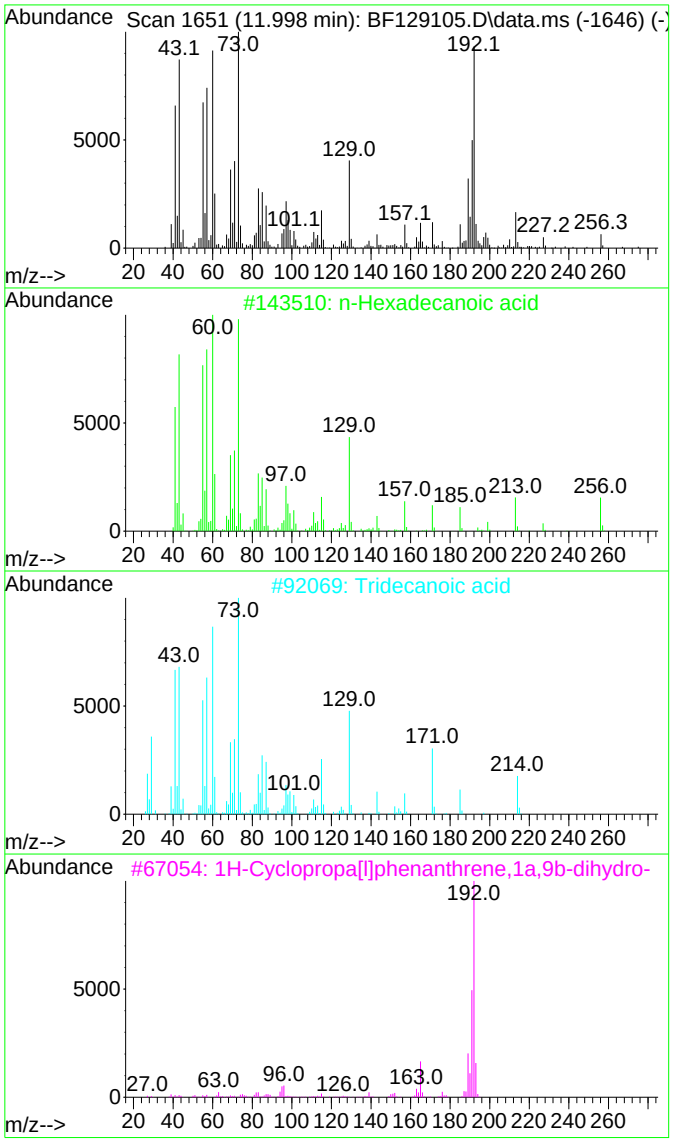
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

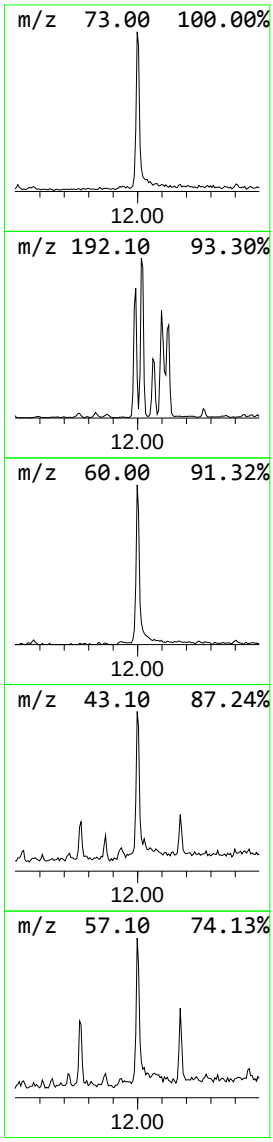
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	5.06 ng	530505	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

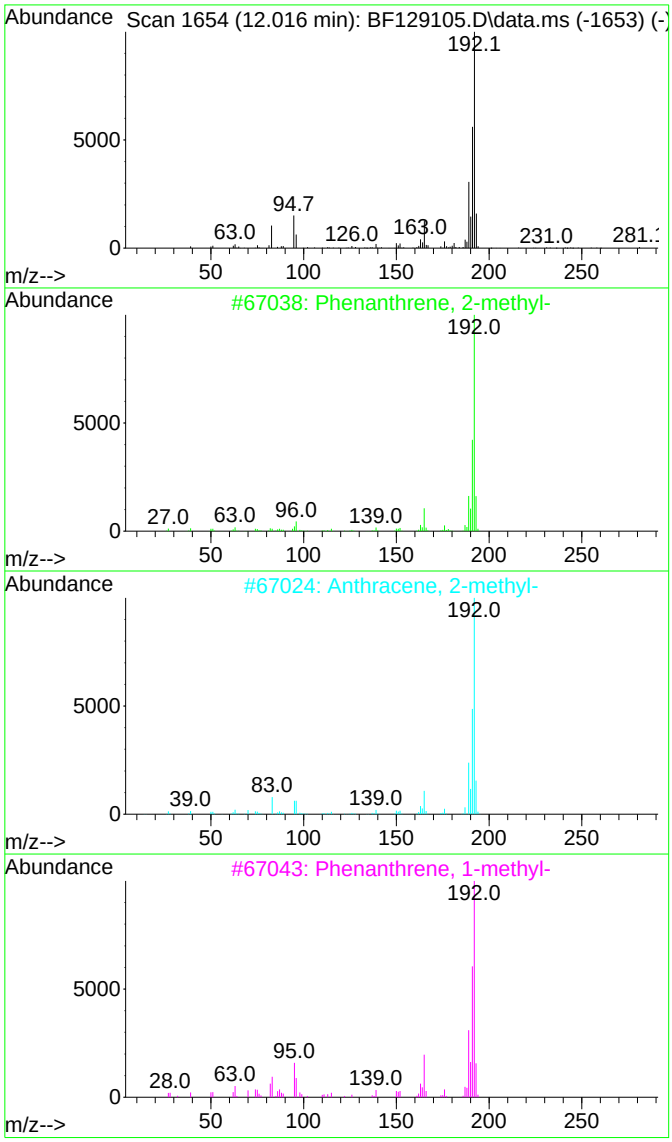
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

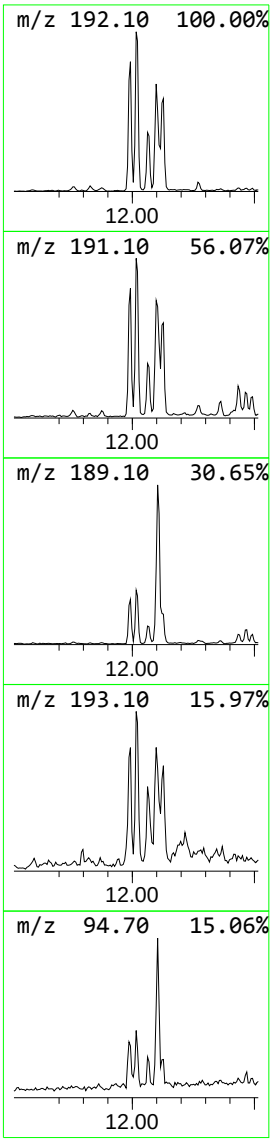
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.44 ng	256513	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

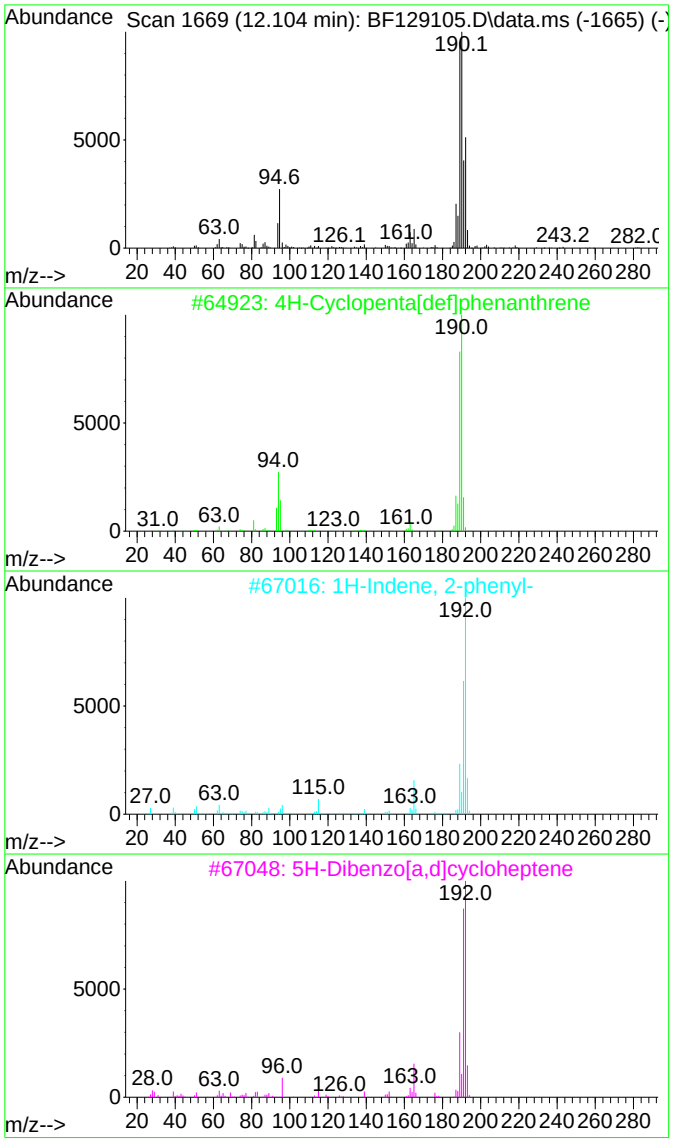
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

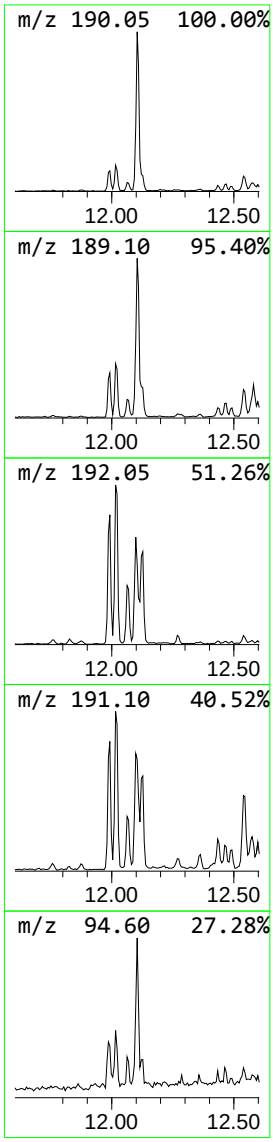
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.28 ng	448837	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

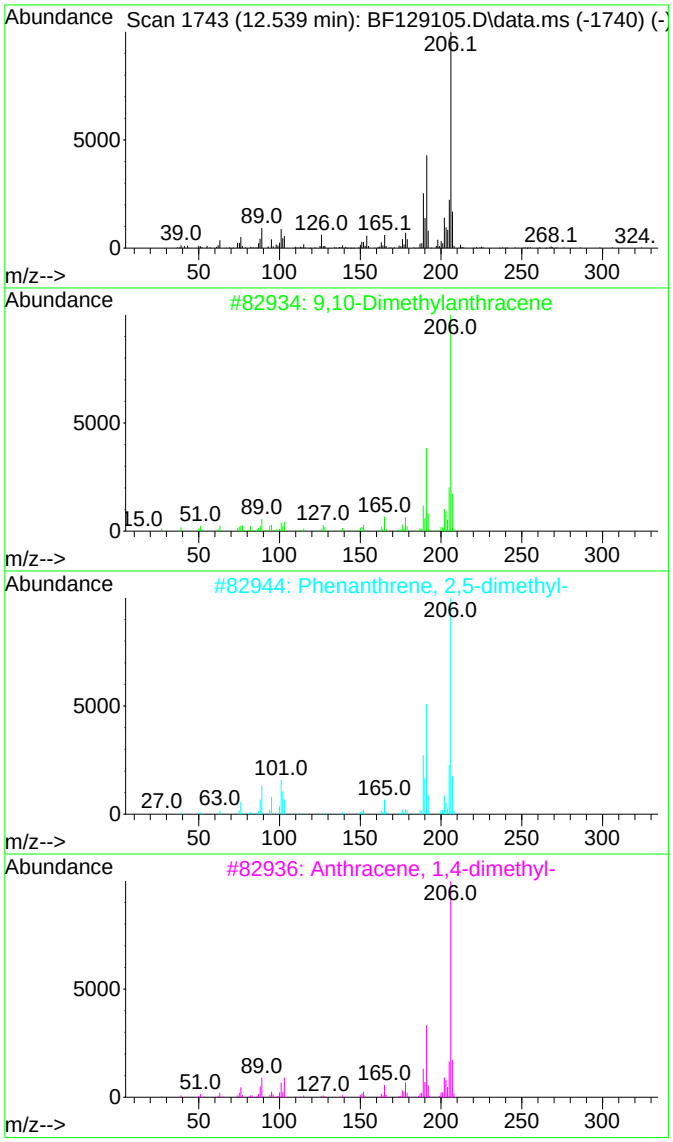
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

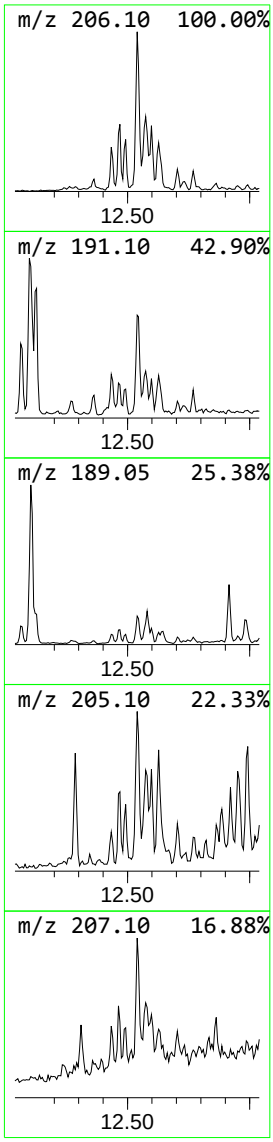
****

Peak Number 4 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	2.44 ng	255687	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

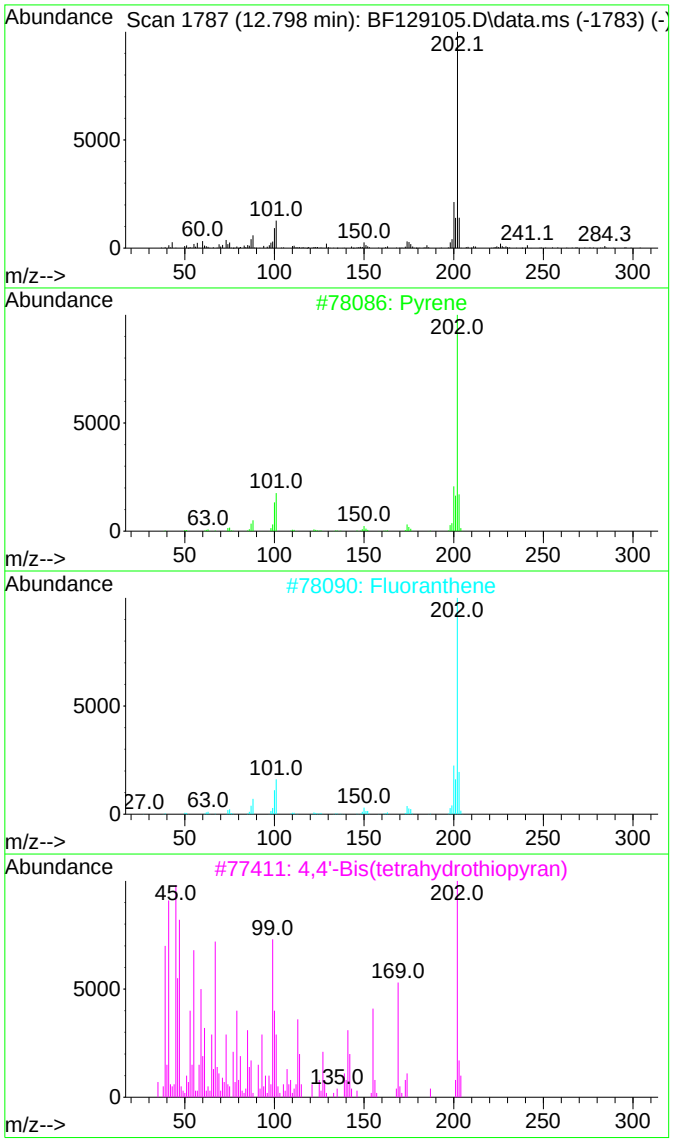
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

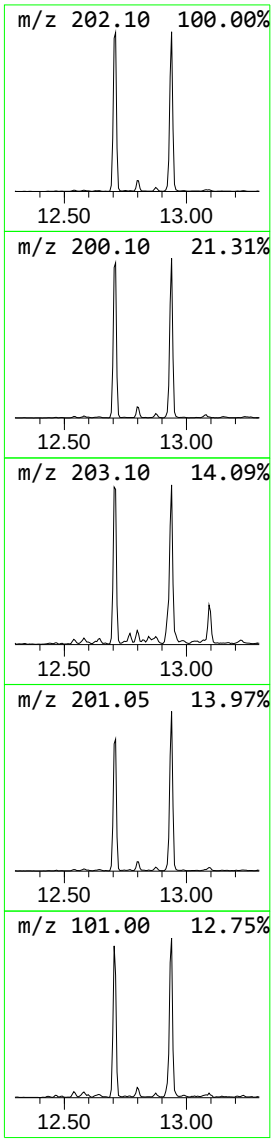
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	2.15 ng	225189	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	95
2	Fluoranthene	202	C16H10	000206-44-0	90
3	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
4	l-Leucyl-l-leucine, N,N'-dimethy...	472	C25H48N2O6	1000328-59-4	47
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

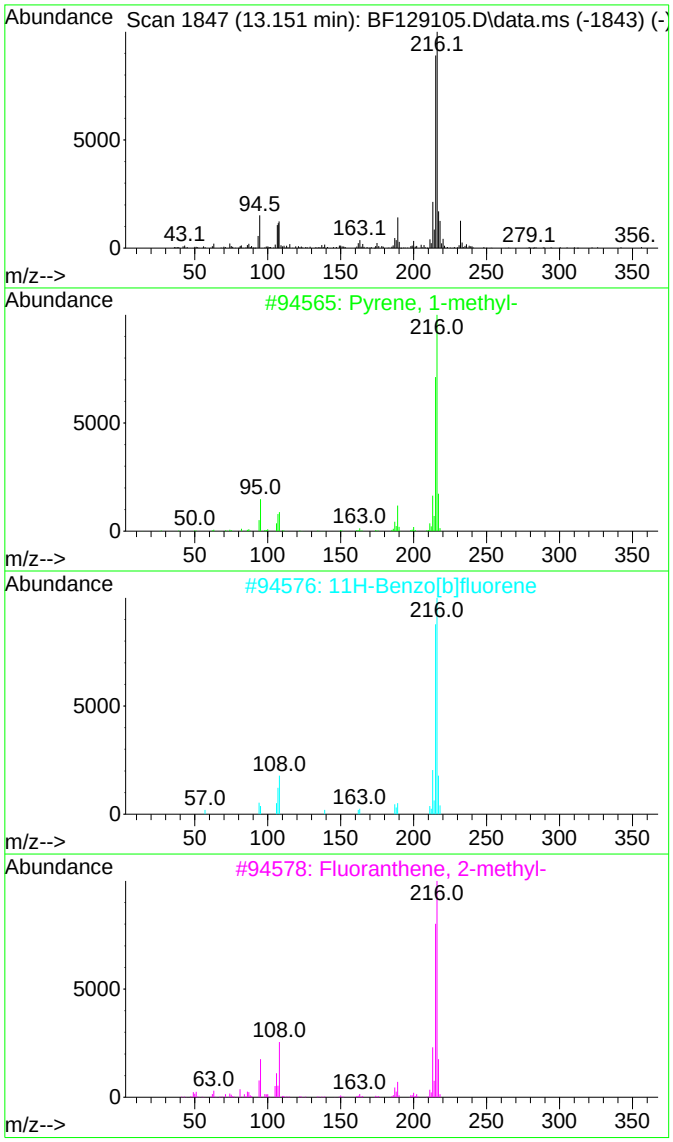
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

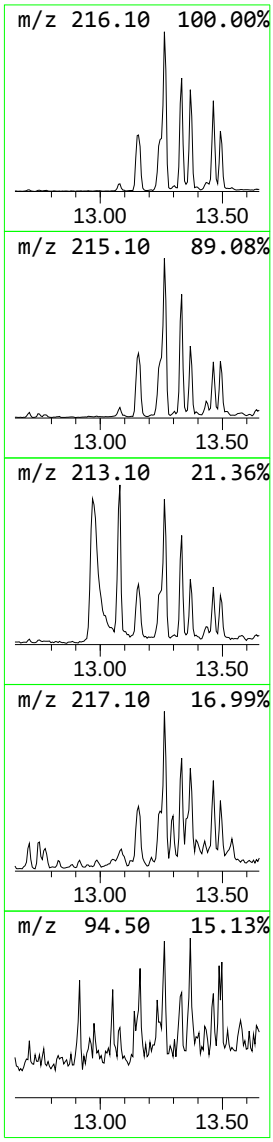
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.14 ng	360897	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

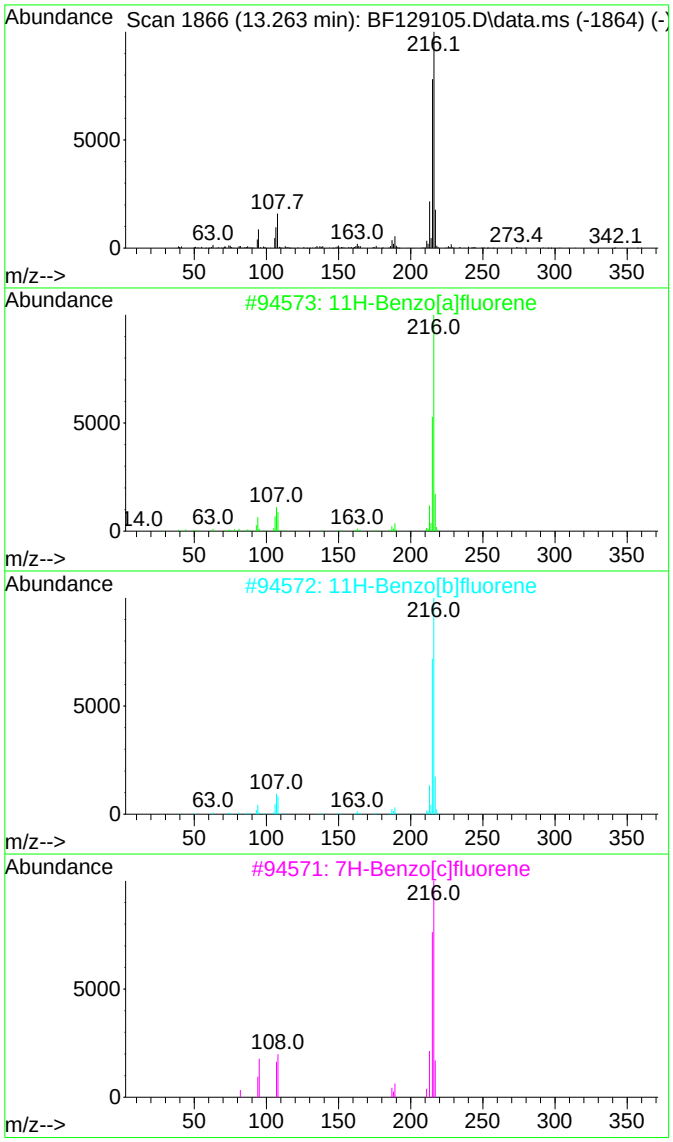
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

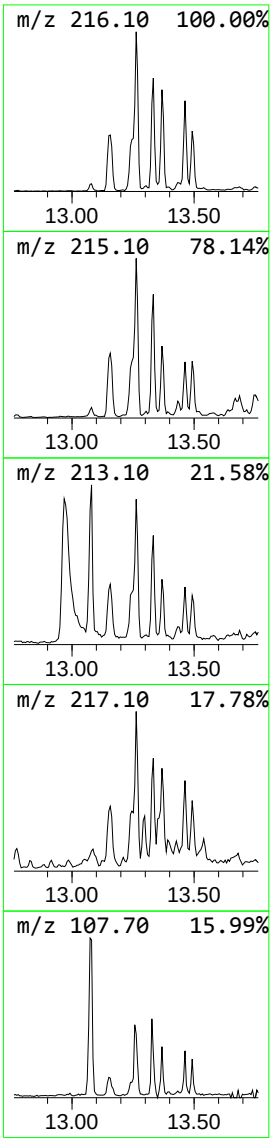
****

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.49 ng	419891	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

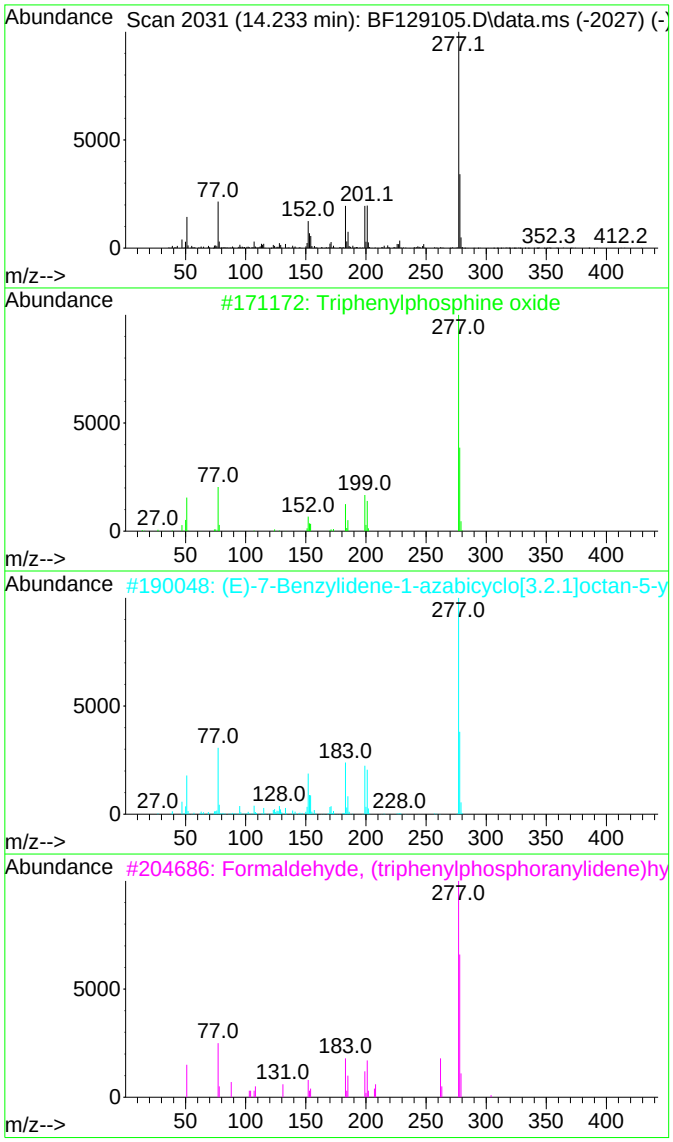
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

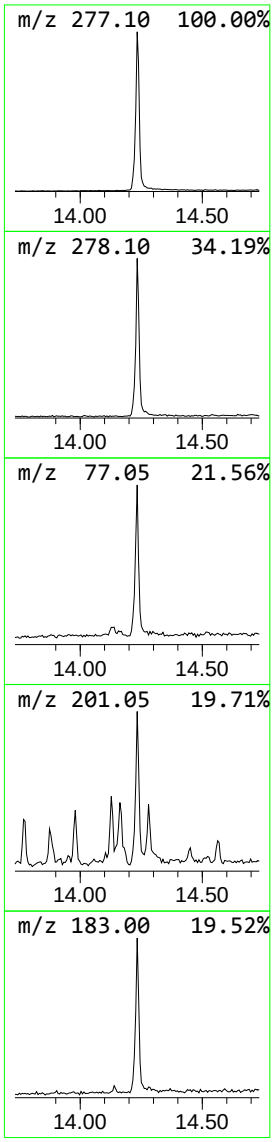
****

Peak Number 8 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	3.85 ng	650257	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	68
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

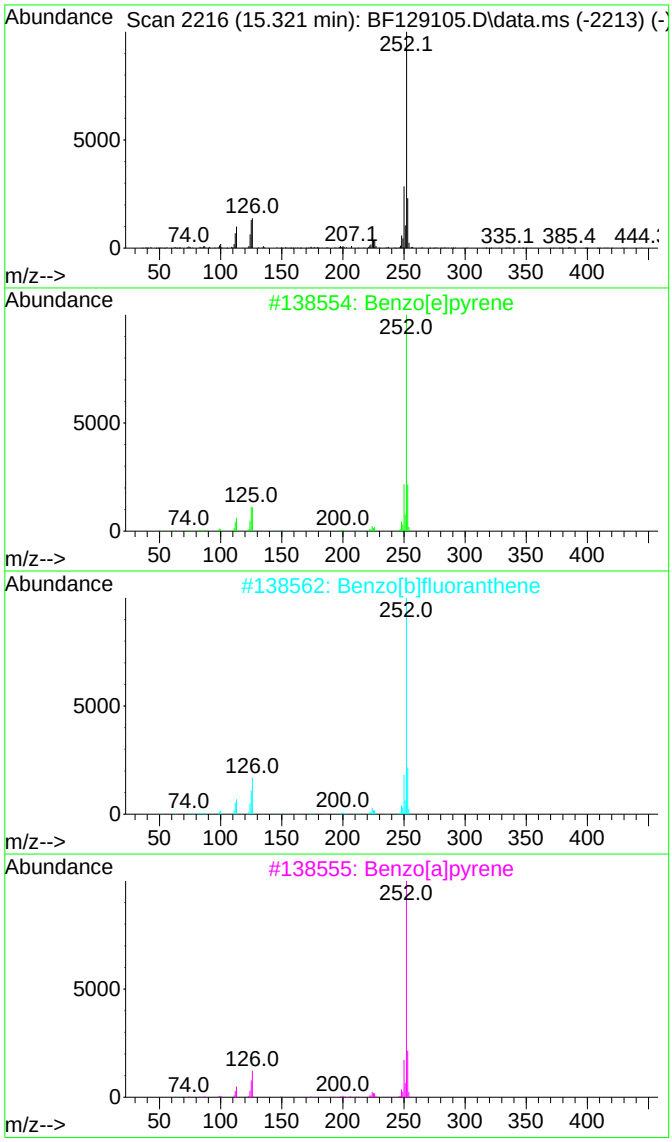
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

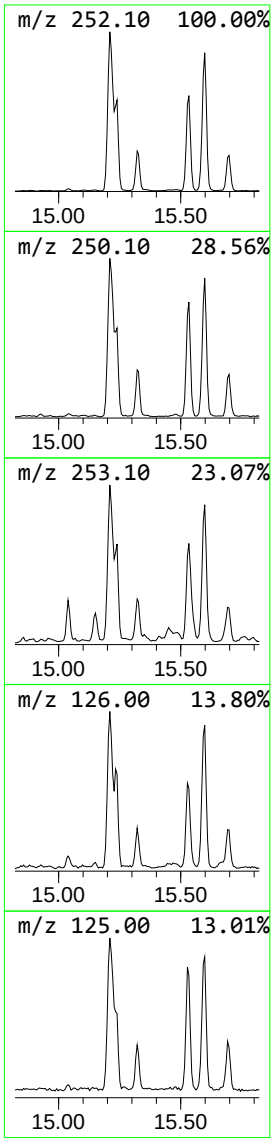
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	3.77 ng	343425	Perylene-d12	15.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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

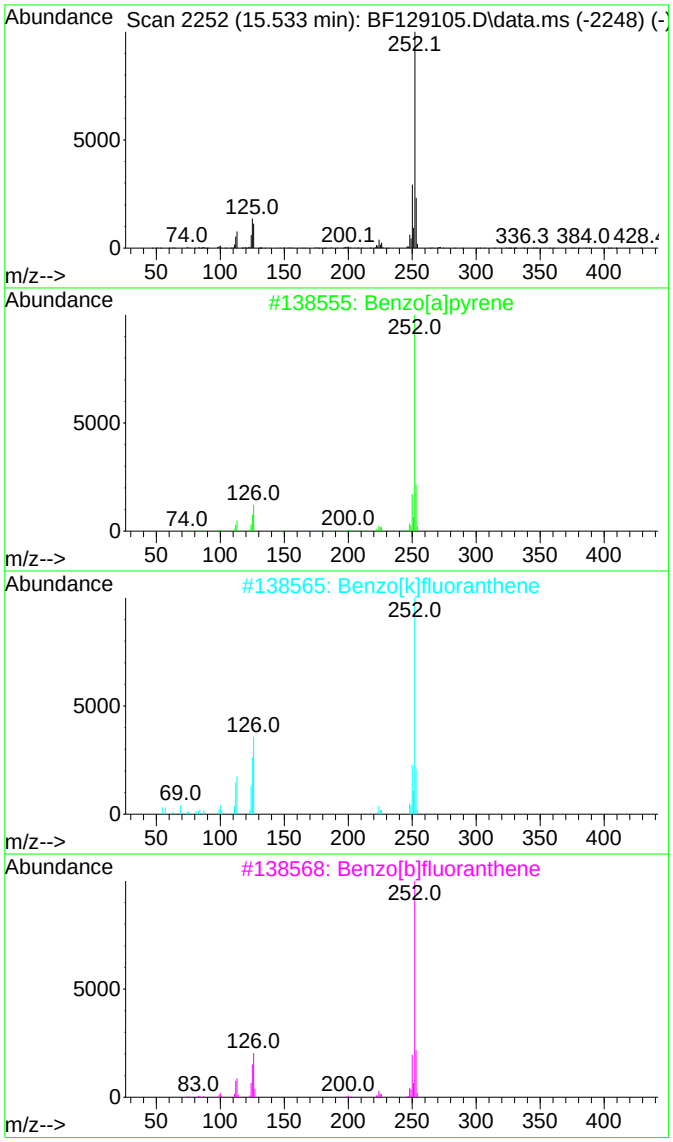
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

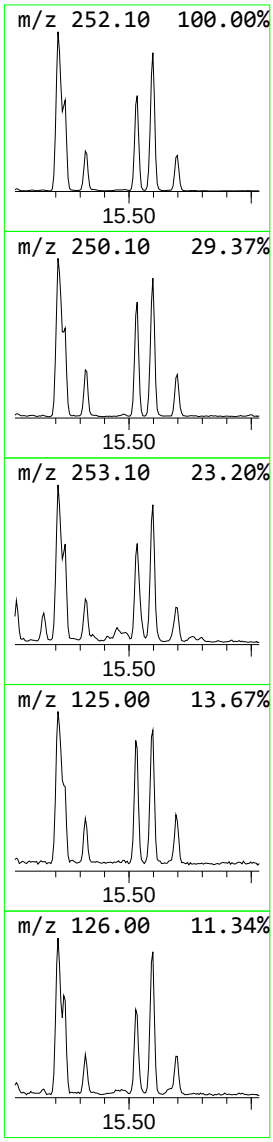
****

Peak Number 10 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	11.46 ng	1042830	Perylene-d12	15.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
Acq On : 01 Jul 2022 21:58
Operator : CG\JU
Sample : N3562-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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
n-Hexadecanoic ...	11.998	5.1	ng	530505	4	11.486	2098450	20.0
Phenanthrene, 2...	12.016	2.4	ng	256513	4	11.486	2098450	20.0
4H-Cyclopenta[d...	12.104	4.3	ng	448837	4	11.486	2098450	20.0
9,10-Dimethylan...	12.539	2.4	ng	255687	4	11.486	2098450	20.0
4,4'-Bis(tetrah...	12.798	2.1	ng	225189	4	11.486	2098450	20.0
Pyrene, 1-methyl-	13.151	2.1	ng	360897	5	14.139	3377760	20.0
11H-Benzo[a]flu...	13.263	2.5	ng	419891	5	14.139	3377760	20.0
Triphenylphosph...	14.233	3.9	ng	650257	5	14.139	3377760	20.0
Benzo[e]pyrene	15.321	3.8	ng	343425	6	15.663	1819580	20.0
Perylene	15.533	11.5	ng	1042830	6	15.663	1819580	20.0