LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG-19C

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_G\Methods\8270-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.703	404	411	420	rBV	410283	696421	11.08%	1.240%
2	7.307	675	684	693	rBV	444879	784297	12.47%	1.397%
3	8.165	816	830	844	rVB	211289	371303	5.91%	0.661%
4	9.334	1021	1029	1040	rBV	264107	478135	7.60%	0.851%
5	10.991	1304	1311	1315	rBV	296937	556228	8.85%	0.990%
6	11.038	1315	1319	1328	rVB	334692	584870	9.30%	1.041%
7	12.636	1584	1591	1598	rVB	162515	277612	4.42%	0.494%
8	12.853	1619	1628	1635	rBV	117009	207939	3.31%	0.370%
9	13.417	1717	1724	1732	rVB	737803	1133416	18.03%	2.018%
10	13.629	1756	1760	1766	rVB	54584	84191	1.34%	0.150%
11	13.969	1810	1818	1827	rVB3	48971	140749	2.24%	0.251%
12	14.110	1837	1842	1847	rBV	90681	155159	2.47%	0.276%
13	14.169	1847	1852	1856	rVB	60825	87817	1.40%	0.156%
14	14.216	1856	1860	1864	rBV2	56715	78735	1.25%	0.140%
15	14.346	1873	1882	1886	rBV4	52031	124012	1.97%	0.221%
16	14.528	1907	1913	1918	rBV4	82616	179289	2.85%	0.319%
17	14.622	1924	1929	1934	rVB2	112540	184417	2.93%	0.328%
18	14.698	1934	1942	1946	rBV5	38185	89195	1.42%	0.159%
19	14.792	1953	1958	1964	rVB	442536	717238	11.41%	1.277%
20	14.857	1964	1969	1976	rBV	368518	625911	9.96%	1.115%
21	15.186	2019	2025	2031	rBV	307609	510789	8.12%	0.910%
22	15.403	2058	2062	2066	rBV4	56759	95535	1.52%	0.170%
23	15.450	2066	2070	2075	rVB3	62948	106716	1.70%	0.190%
24	15.573	2087	2091	2095	rBV2	112858	168193	2.68%	0.299%
25	15.838	2130	2136	2143	rBV	486389	813534	12.94%	1.449%
26	15.997	2161	2163	2168	rVB2	57313	72661	1.16%	0.129%
27	16.126	2182	2185	2191	rVB	119521	182363	2.90%	0.325%
28	16.279	2206	2211	2218	rBV	530067	877496	13.96%	1.563%
29	17.360	2391	2395	2401	rVB	215682	316963	5.04%	0.564%
30	17.542	2421	2426	2429	rBV	483942	808426	12.86%	1.440%
31	17.589	2429	2434	2440	rVB	3262611	5163030	82.12%	9.194%
32	17.677	2444	2449	2454	rVB	937187	1365563	21.72%	2.432%
33	17.941	2490	2494	2499	rVB	394470	581159	9.24%	1.035%
34	18.417	2571	2575	2579	rBV	327539	484204	7.70%	0.862%
35	18.464	2579	2583	2589	rVB	585035	864771	13.75%	1.540%
36	18.546	2594	2597	2602	rVB	274003	392386	6.24%	0.699%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

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_G\Methods\8270-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.617	2603	2609	2612	rBV3	610778	1067655	16.98%	1.901%
38	18.911	2655	2659	2662	rBV	291254	381036	6.06%	0.678%
39	18.952	2663	2666	2671	rVB	182157	247221	3.93%	0.440%
40	19.322	2726	2729	2734	rVB	176562	263740	4.19%	0.470%
41	19.598	2769	2776	2781	rBV	4073674	6287350	100.00%	11.196%
42	19.921	2826	2831	2832	rBV	748086	996516	15.85%	1.774%
43	19.957	2832	2837	2843	rVV	3405453	5657447	89.98%	10.074%
44	20.015	2844	2847	2854	rVB2	229477	348267	5.54%	0.620%
45	20.139	2863	2868	2872	rVB2	1113228	1558830	24.79%	2.776%
46	20.192	2874	2877	2883	rVB	253703	354508	5.64%	0.631%
47	20.262	2885	2889	2890	rBV2	229894	294345	4.68%	0.524%
48	20.438	2916	2919	2924	rVB2	645354	837211	13.32%	1.491%
49	20.538	2932	2936	2940	rBV	455715	588304	9.36%	1.048%
50	20.738	2967	2970	2973	rBV	176809	200074	3.18%	0.356%
51	20.779	2975	2977	2981	rVB	162542	190584	3.03%	0.339%
52	21.208	3047	3050	3057	rVB	265378	436021	6.93%	0.776%
53	21.449	3087	3091	3095	rVB	323753	471511	7.50%	0.840%
54	21.502	3095	3100	3105	rBV2	287027	501684	7.98%	0.893%
55	21.825	3149	3155	3162	rBV2	1990281	4209562	66.95%	7.496%
56	21.890	3162	3166	3178	rVB	1559507	2895445	46.05%	5.156%
57	22.048	3189	3193	3200	rVB	254847	425668	6.77%	0.758%
58	22.260	3226	3229	3237	rVB2	230610	397584	6.32%	0.708%
59	24.152	3542	3551	3559	rBV	875147	3333397	53.02%	5.936%
60	24.915	3674	3681	3695	rVB2	471418	1560696	24.82%	2.779%
61	25.074	3699	3708	3723	rVB	757470	2293874	36.48%	4.085%

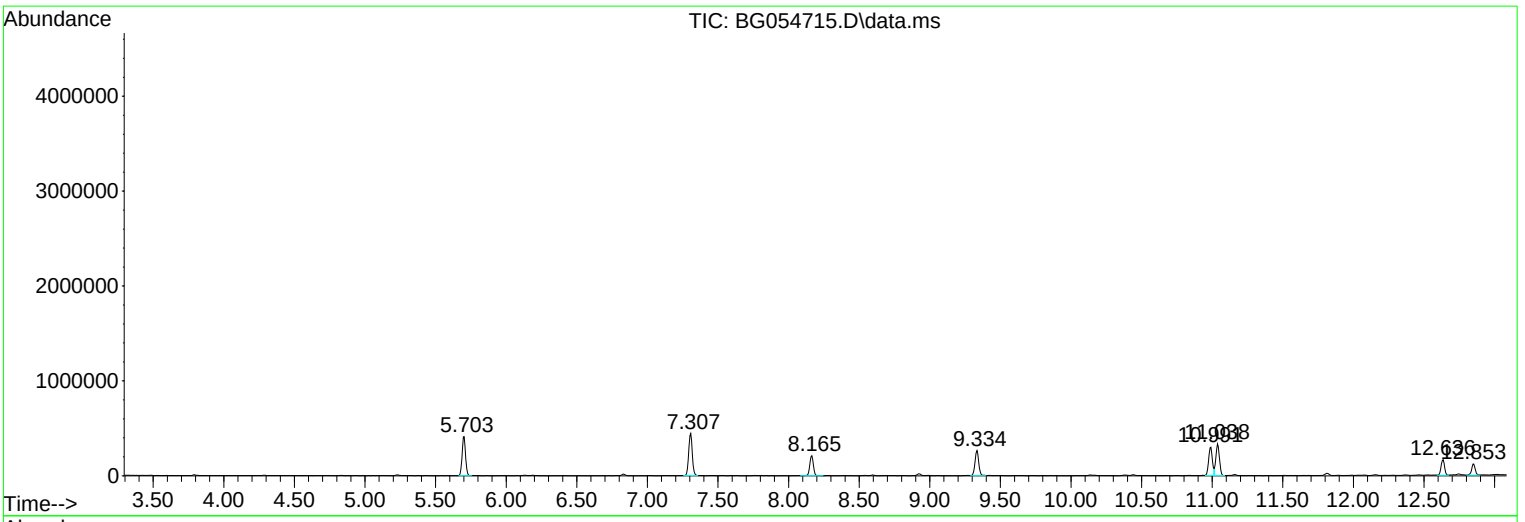
Sum of corrected areas: 56159253

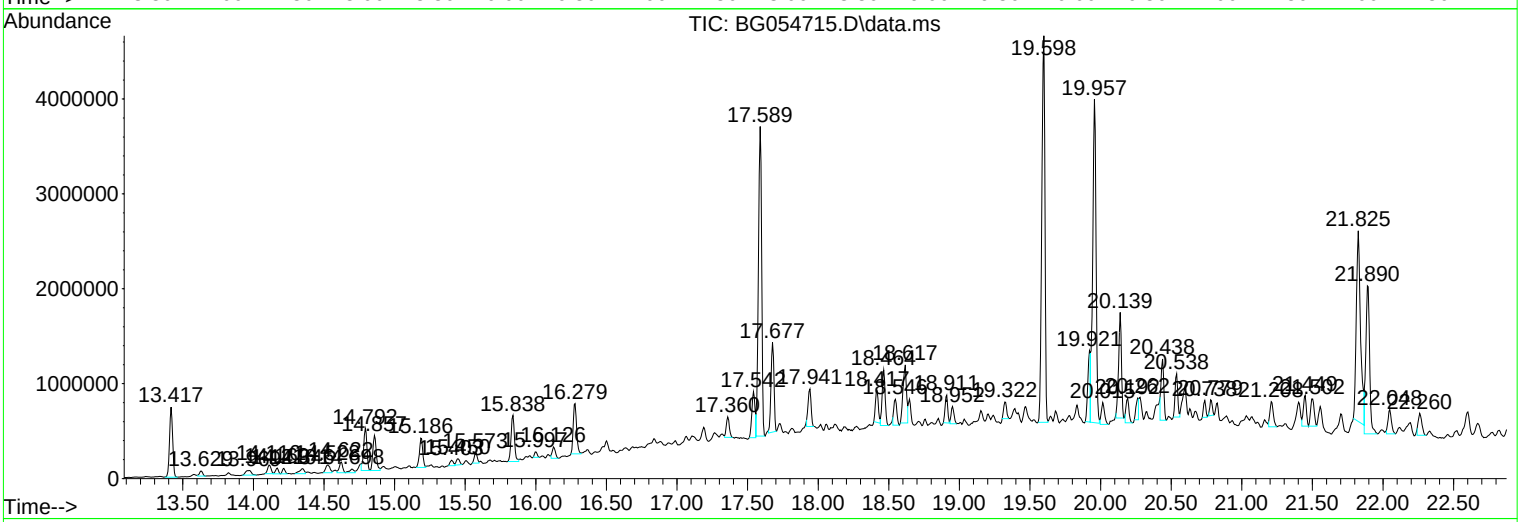
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

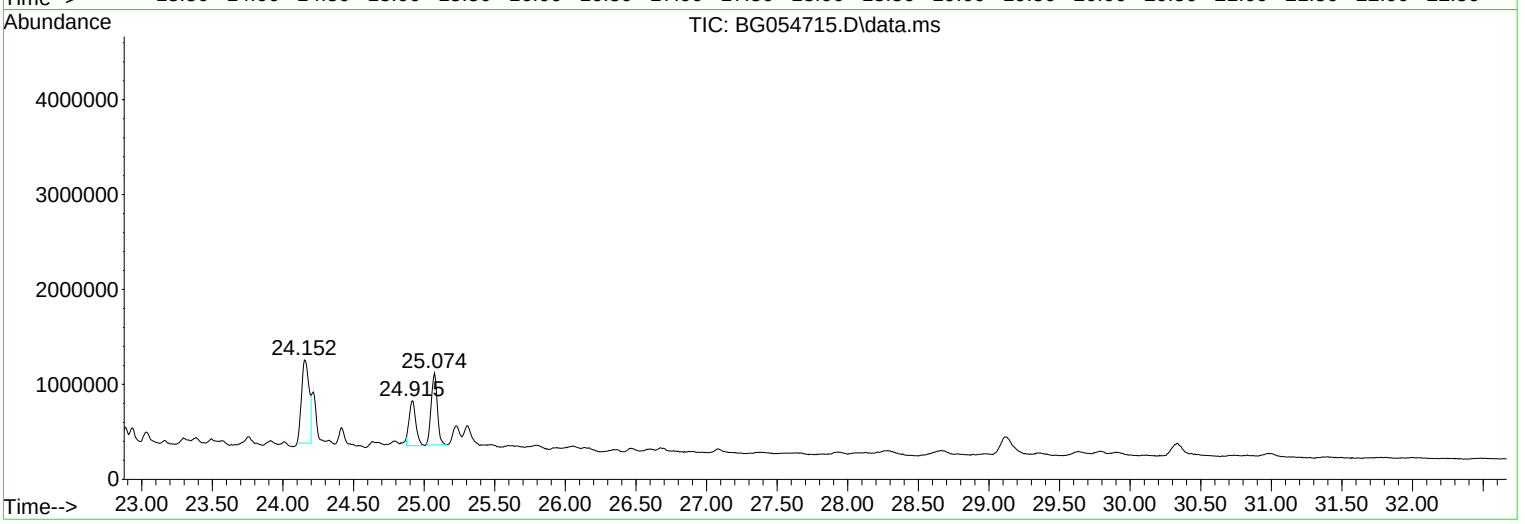
Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.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_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

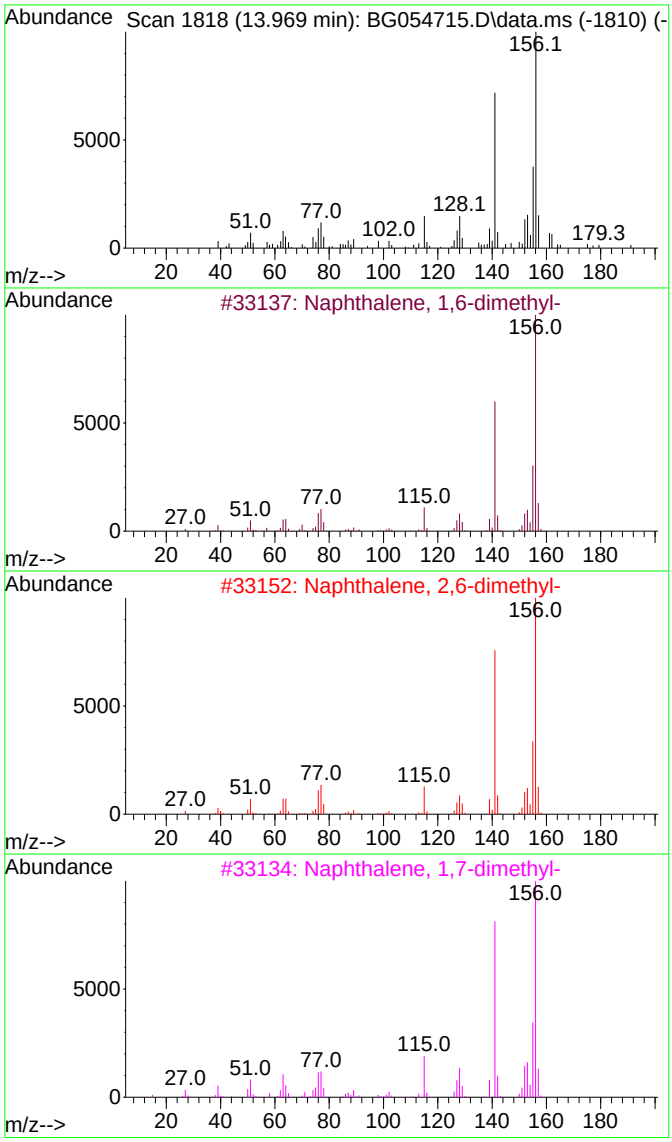
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

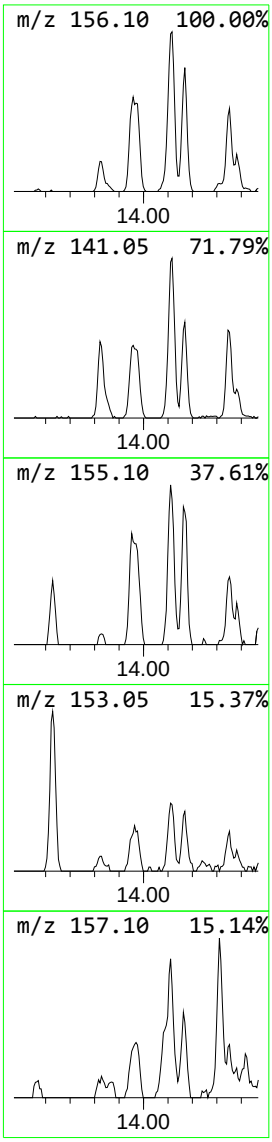
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	3.92 ng	140749	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

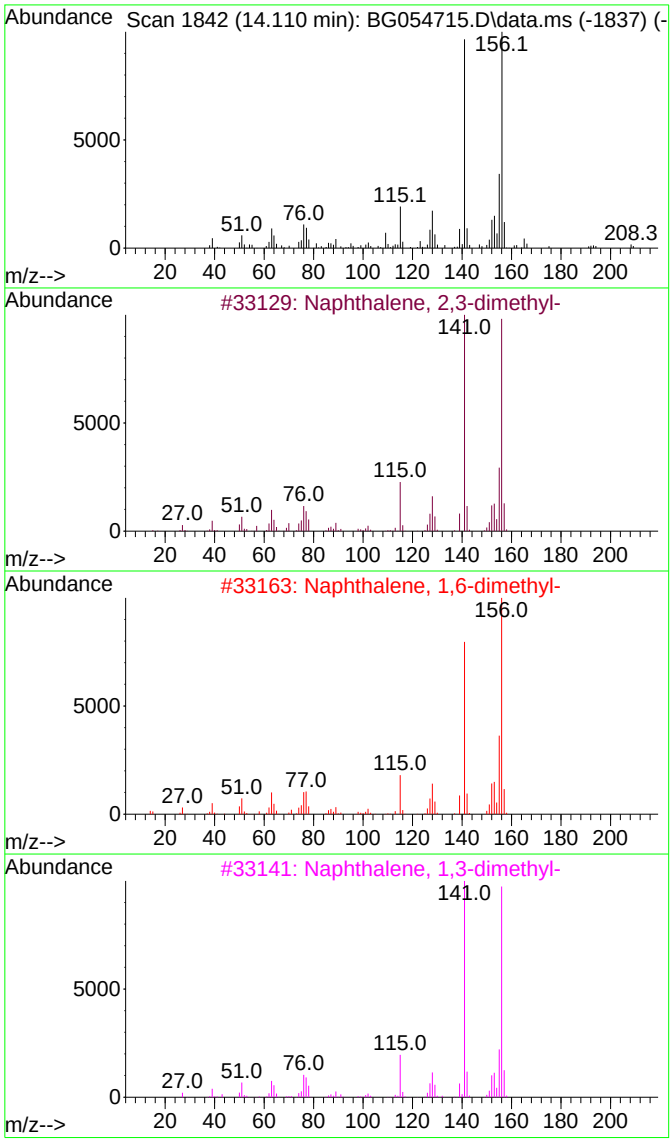
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

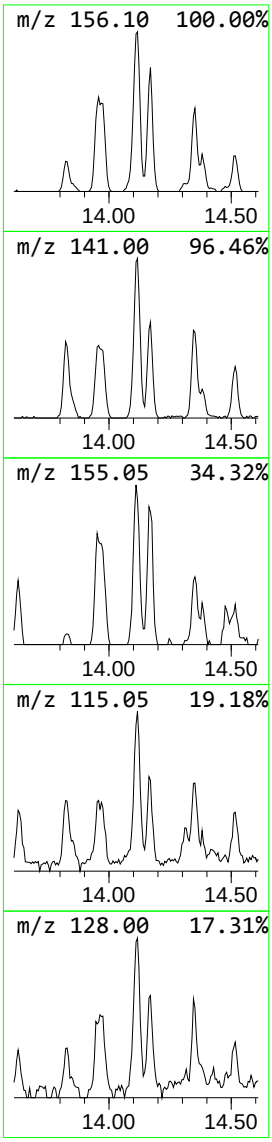
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.111	4.33 ng	155159	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

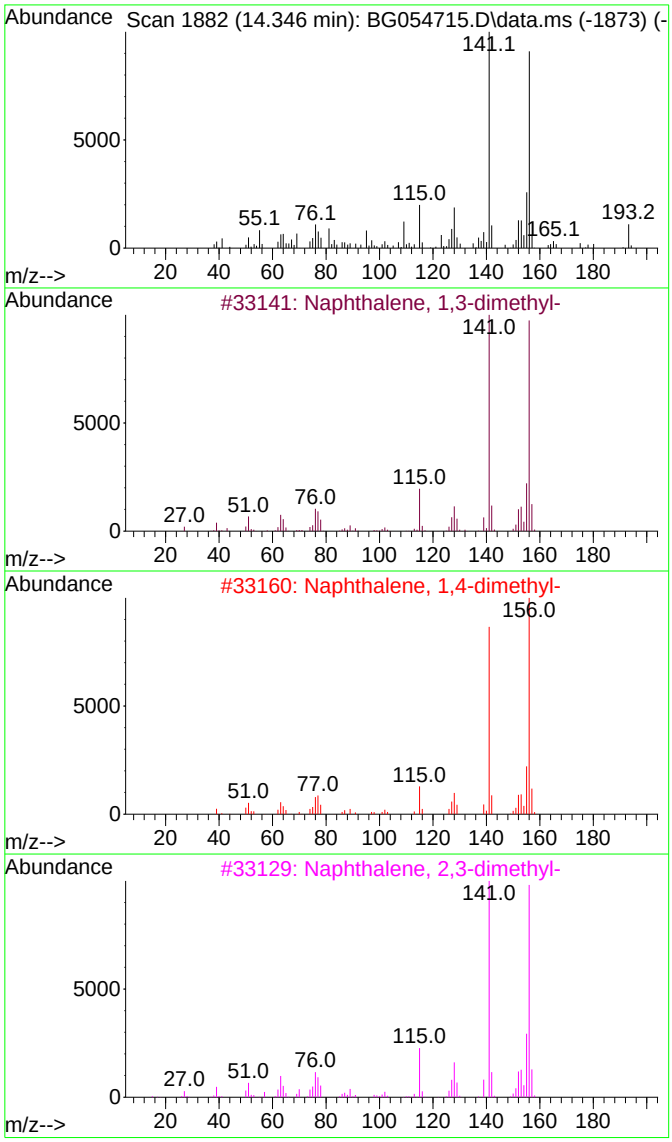
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

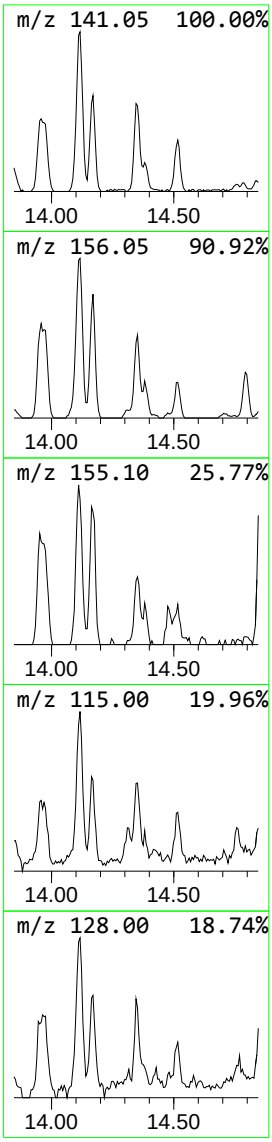
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	3.46 ng	124012	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

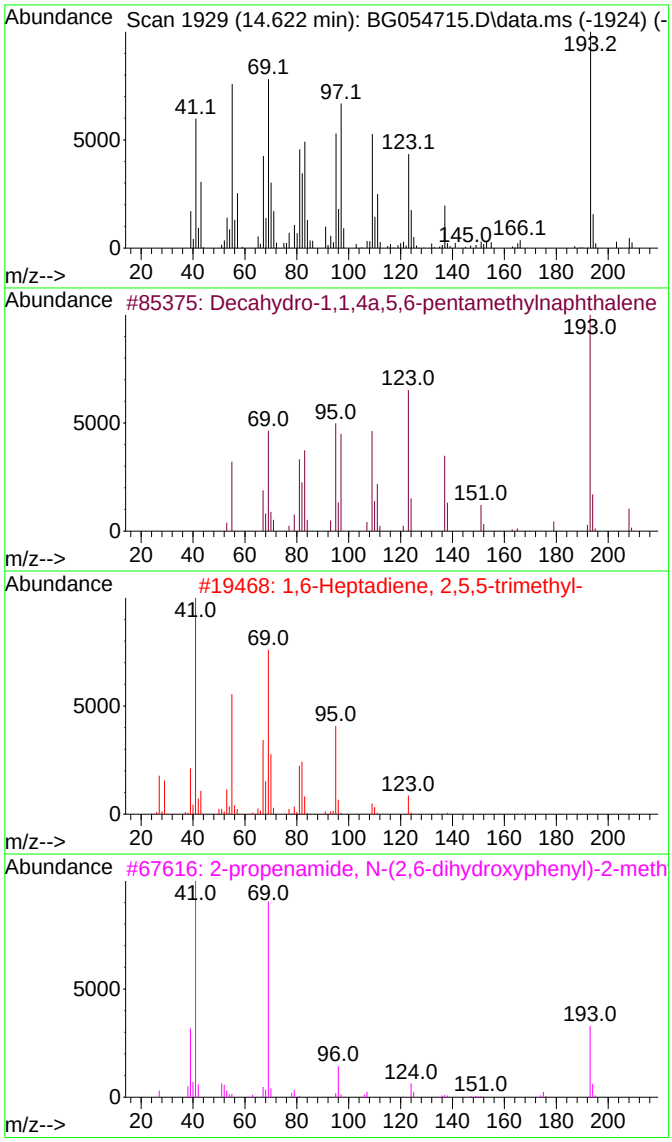
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

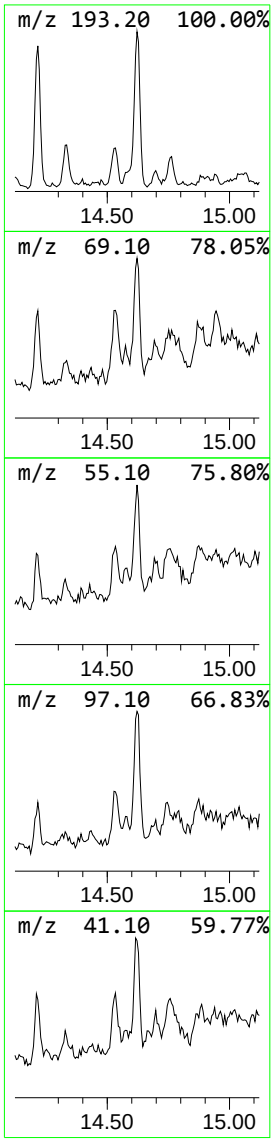
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.622	5.14 ng	184417	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	35
3	2-propenamide, N-(2,6-dihydroxyp...	193	C10H11NO3	1000395-98-7	30
4	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	27
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

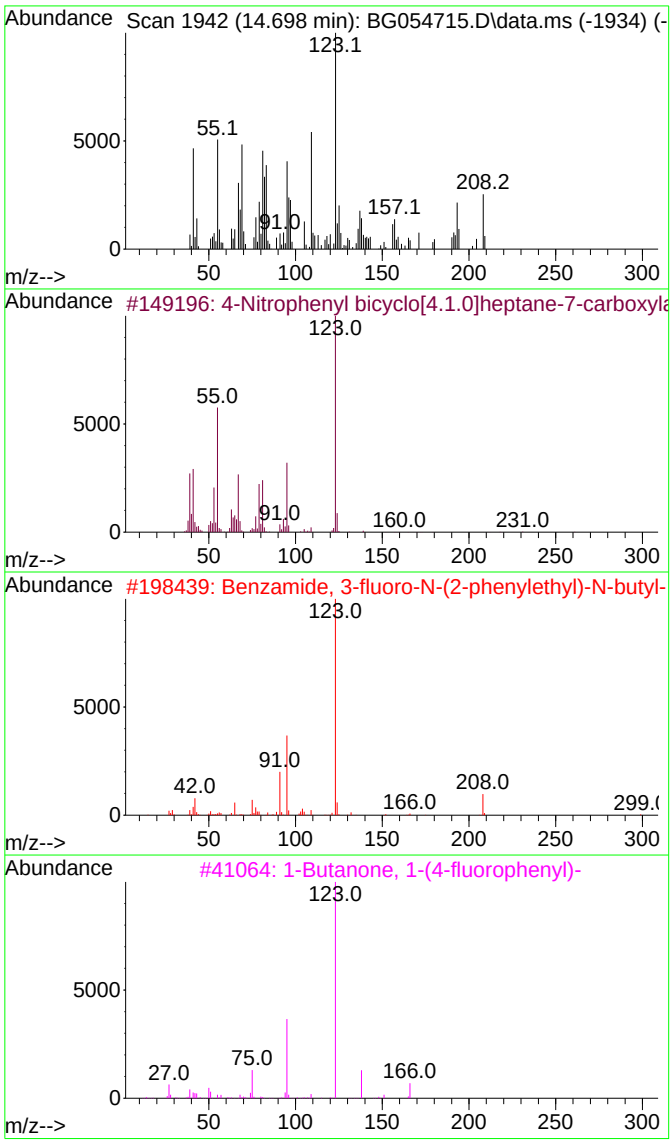
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

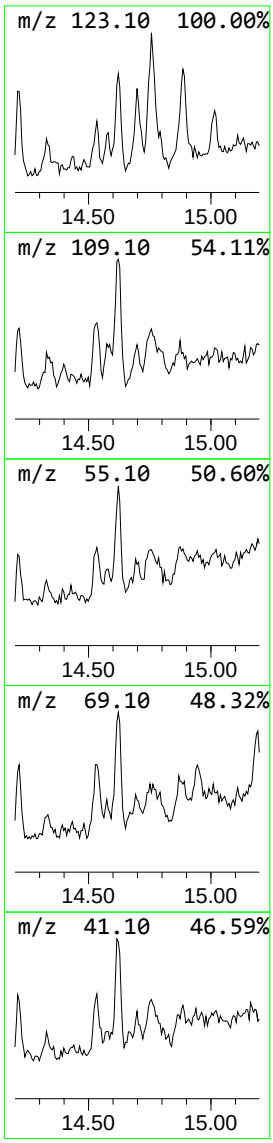
****

Peak Number 5 unknown14.698 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	2.49 ng	89195	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	38
2	Benzamide, 3-fluoro-N-(2-phenyle...	299	C19H22FNO	1000451-30-3	38
3	1-Butanone, 1-(4-fluorophenyl)-	166	C10H11FO	000582-83-2	38
4	Benzene-1,2,3-triamine	123	C6H9N3	1000316-45-3	38
5	4-Fluorobenzoic acid, allyl ester	180	C10H9FO2	329361-68-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

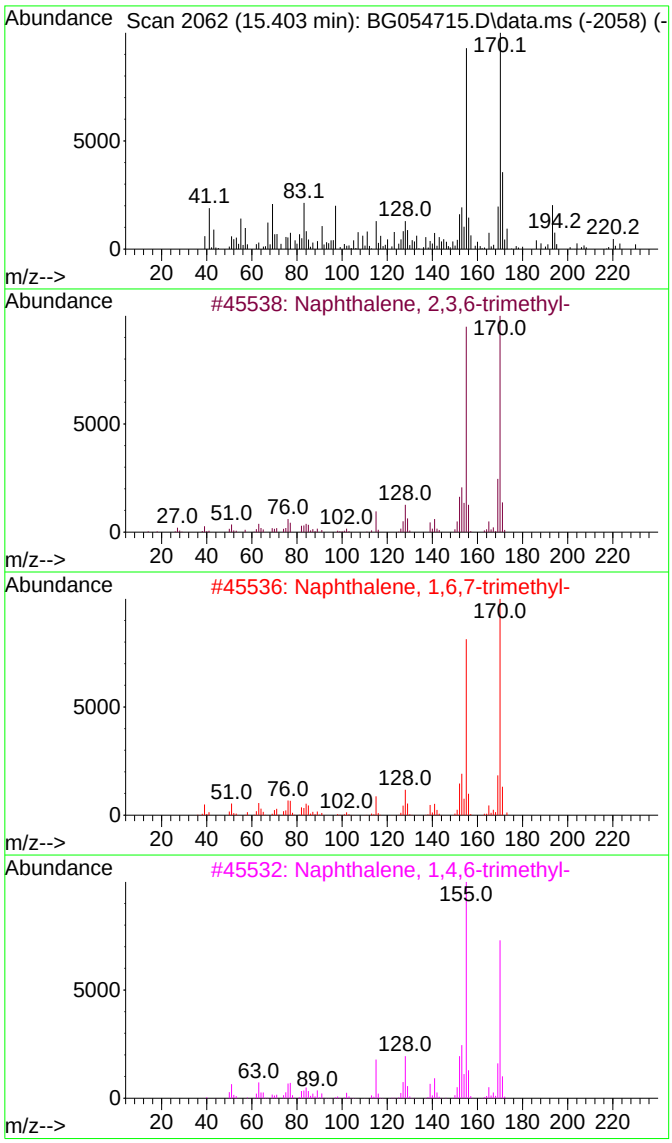
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

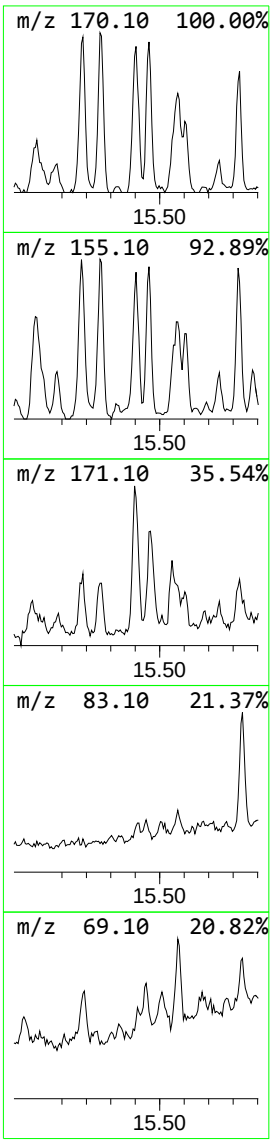
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.403	2.66 ng	95535	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

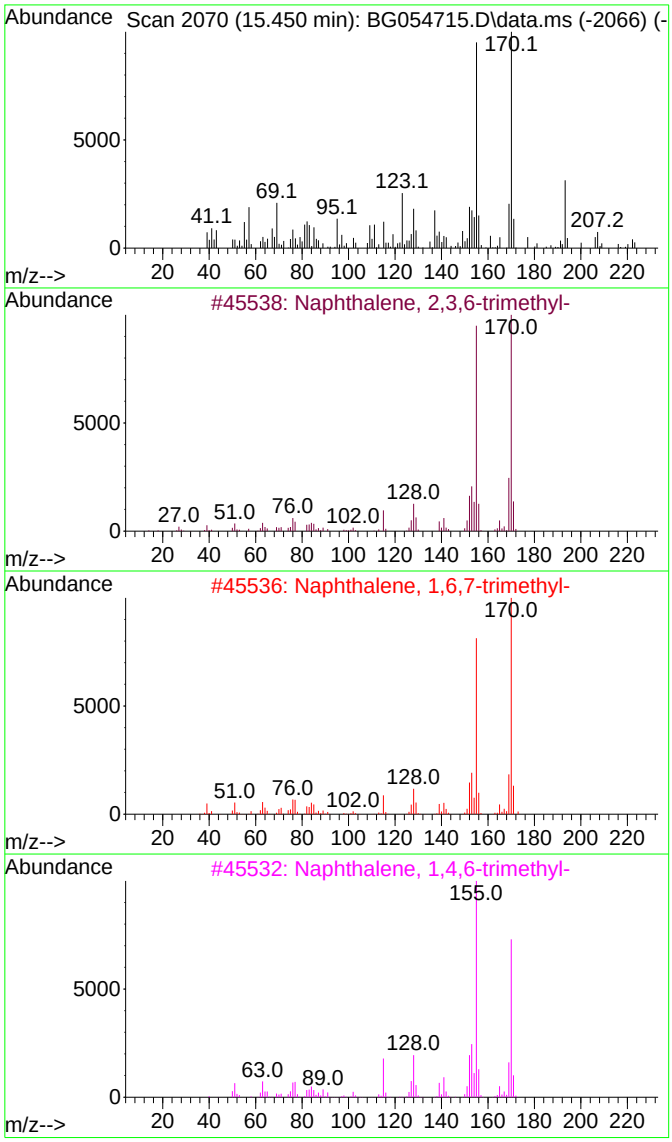
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

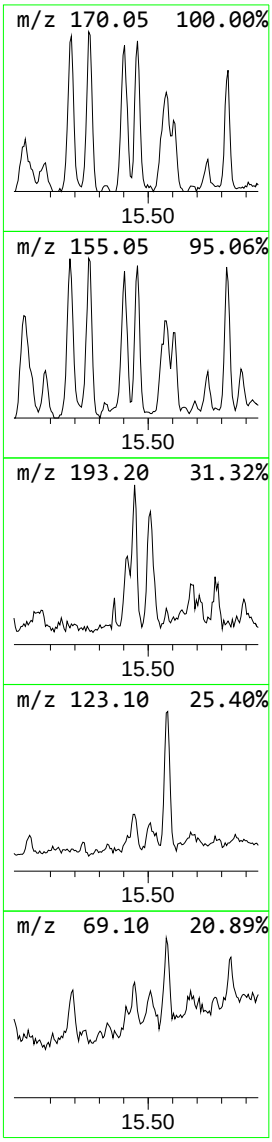
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.450	2.98 ng	106716	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

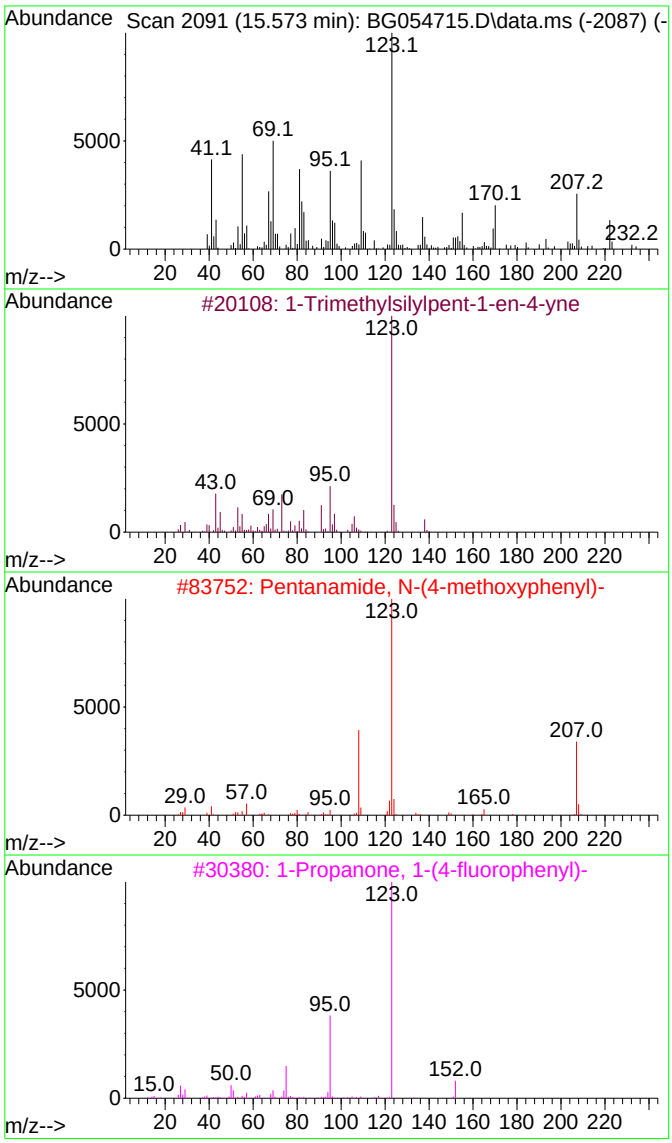
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

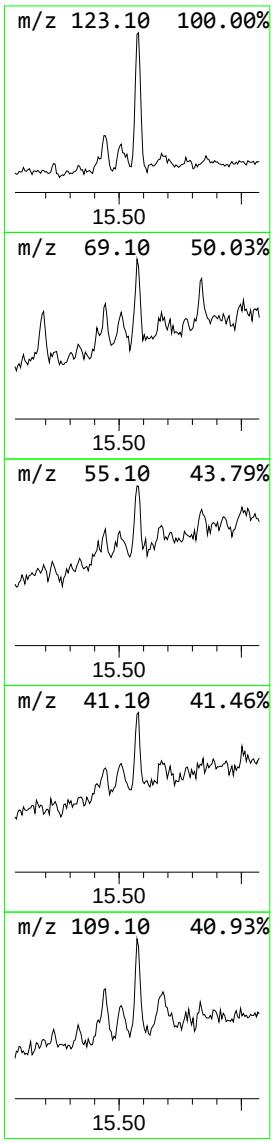
****

Peak Number 8 unknown15.573 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.573	4.69 ng	168193	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	38
3	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38
4	3-Fluorobenzoic acid, 2,2,2-trif...	222	C9H6F4O2	1000325-53-8	35
5	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

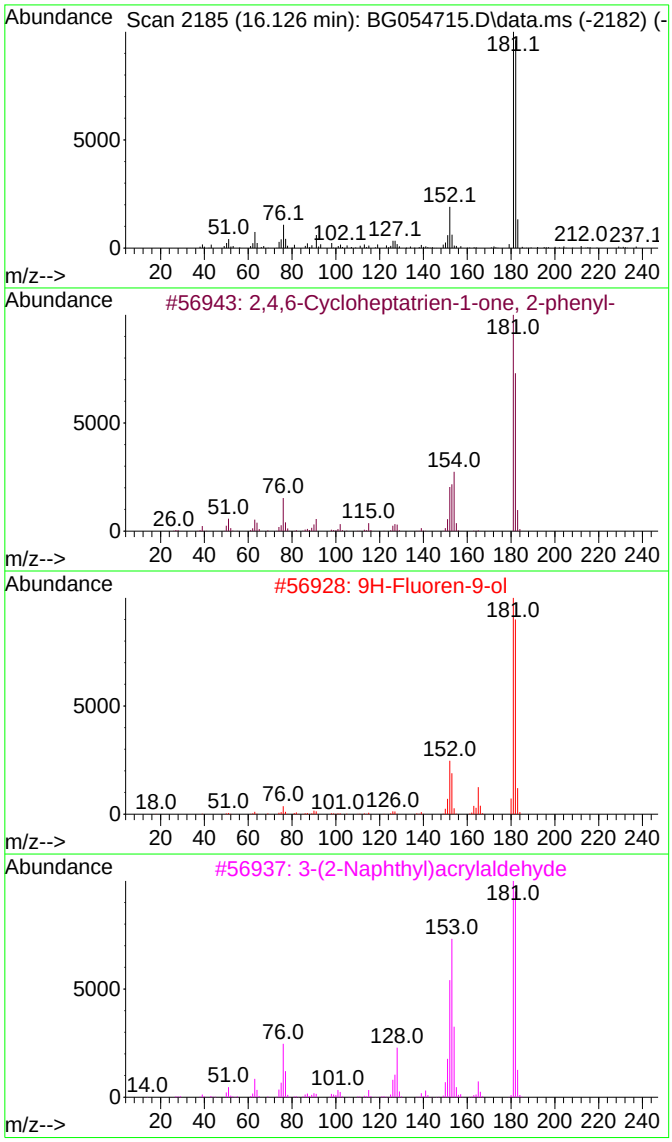
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

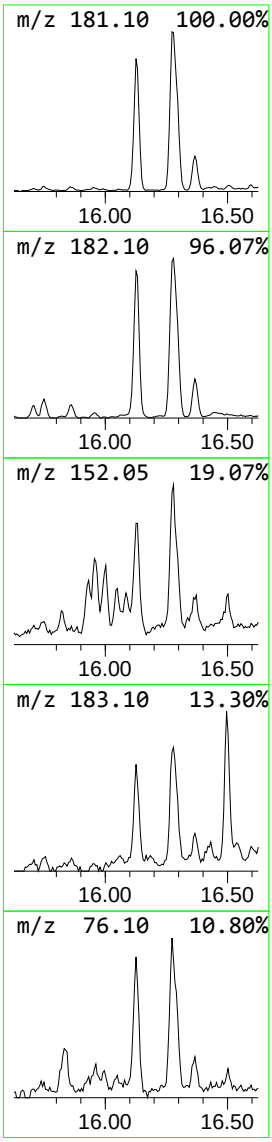
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.126	5.09 ng	182363	Acenaphthene-d10	14.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

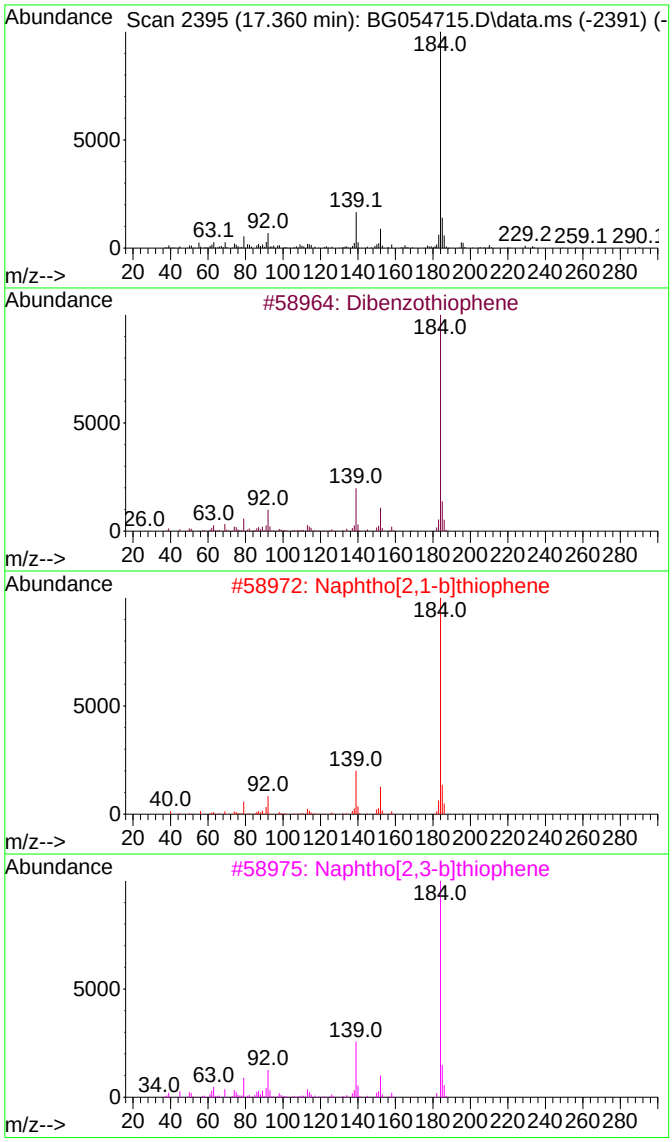
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

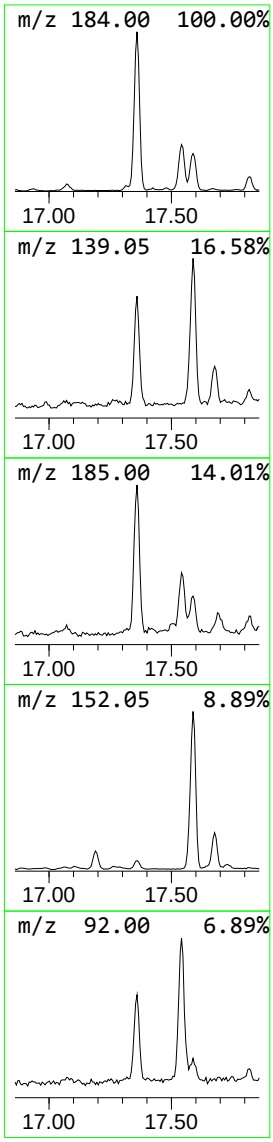
****

Peak Number 10 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.360	7.84 ng	316963	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

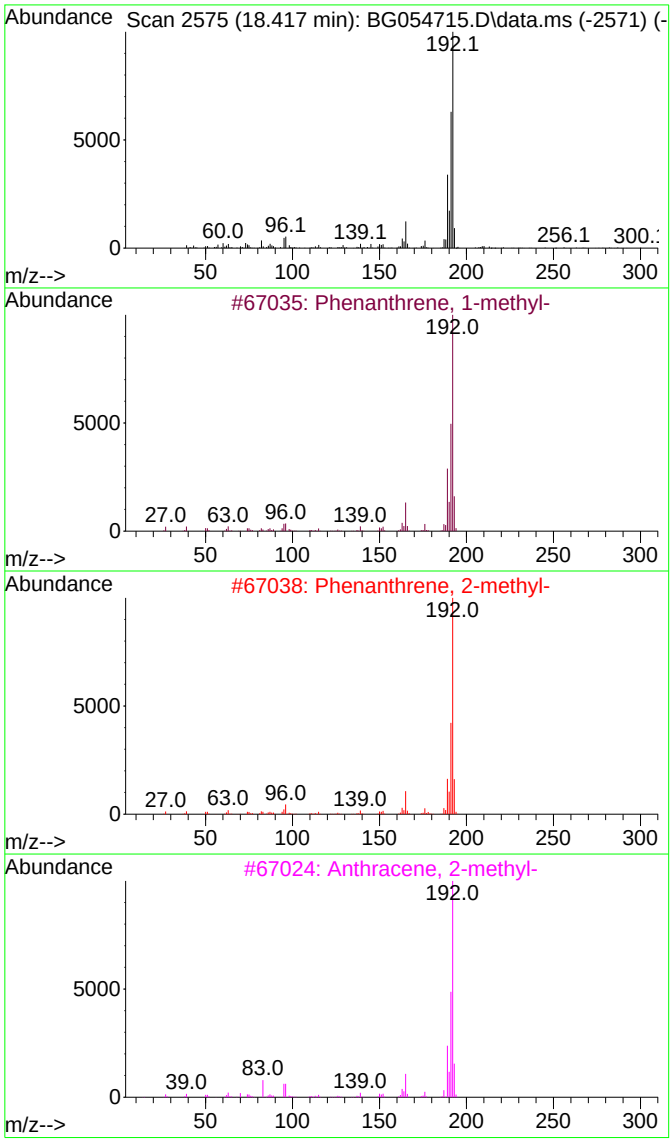
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

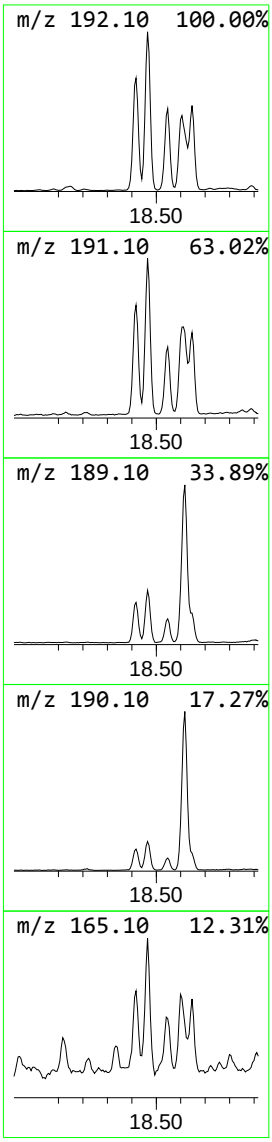
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.417	11.98 ng	484204	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

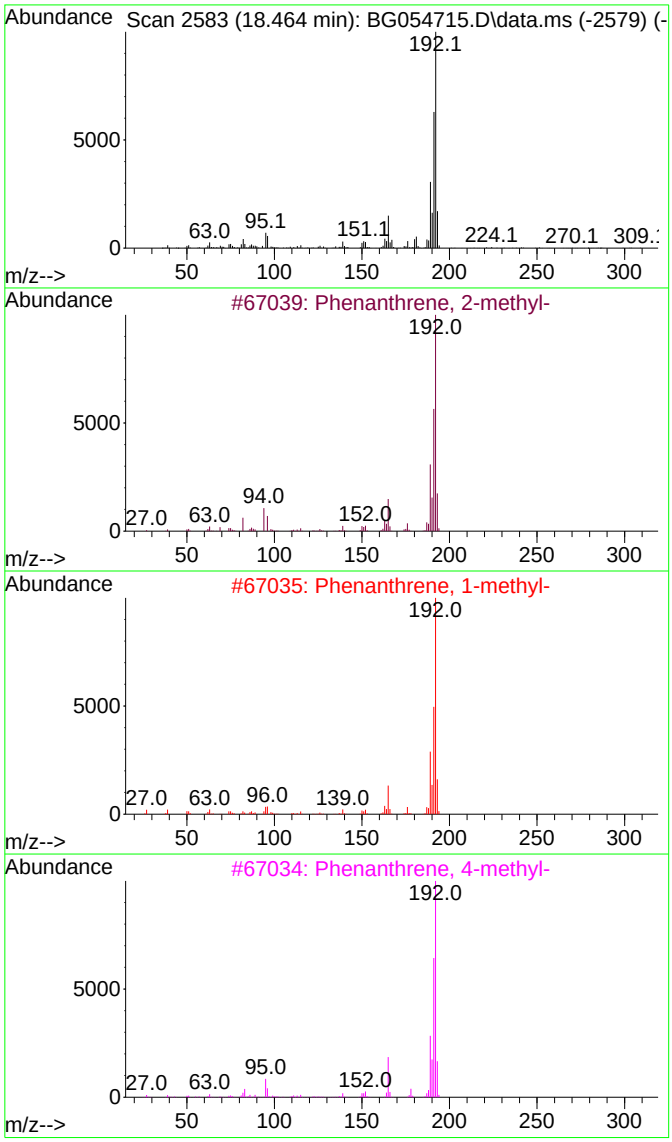
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

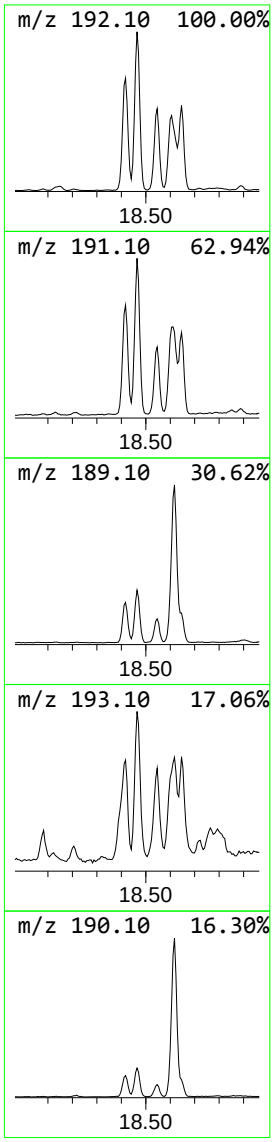
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.464	21.39 ng	864771	Phenanthrene-d10	17.542

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

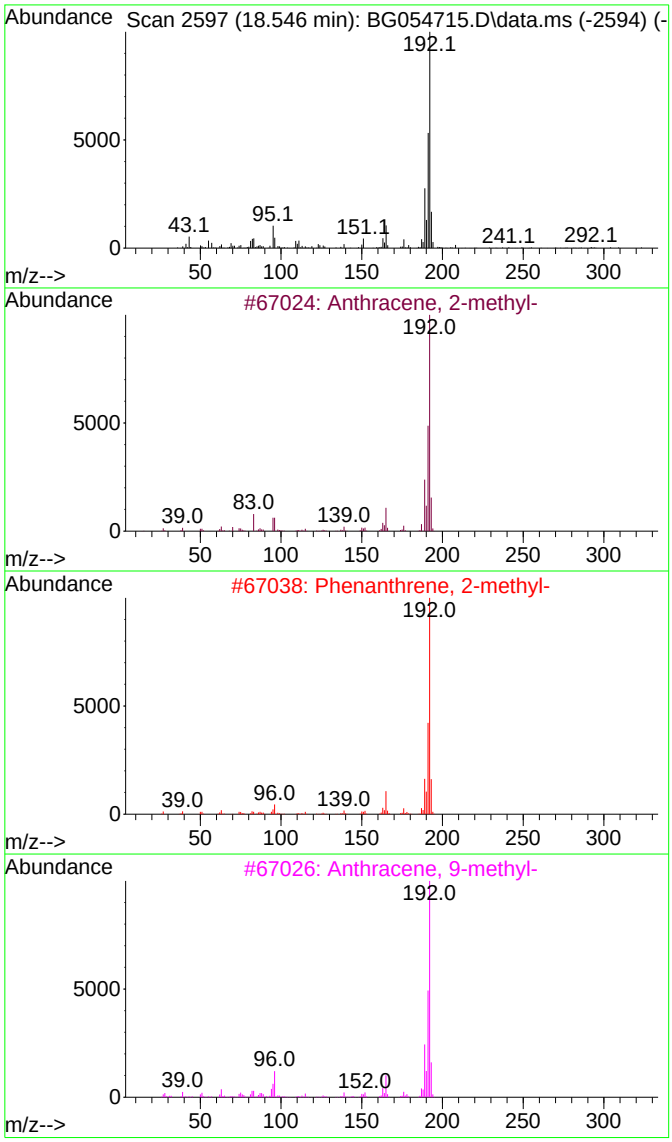
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

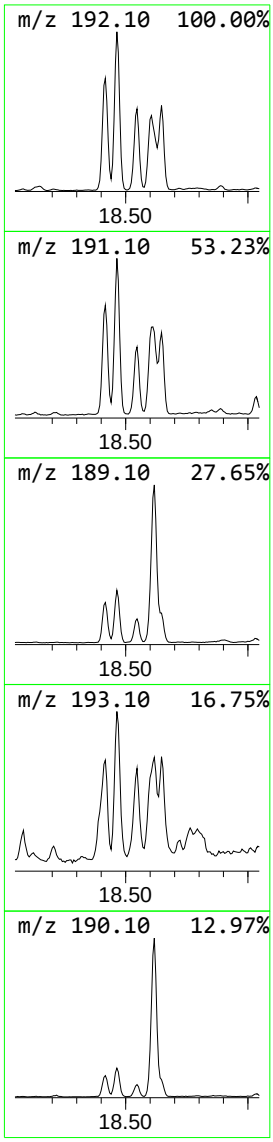
****

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	9.71 ng	392386	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

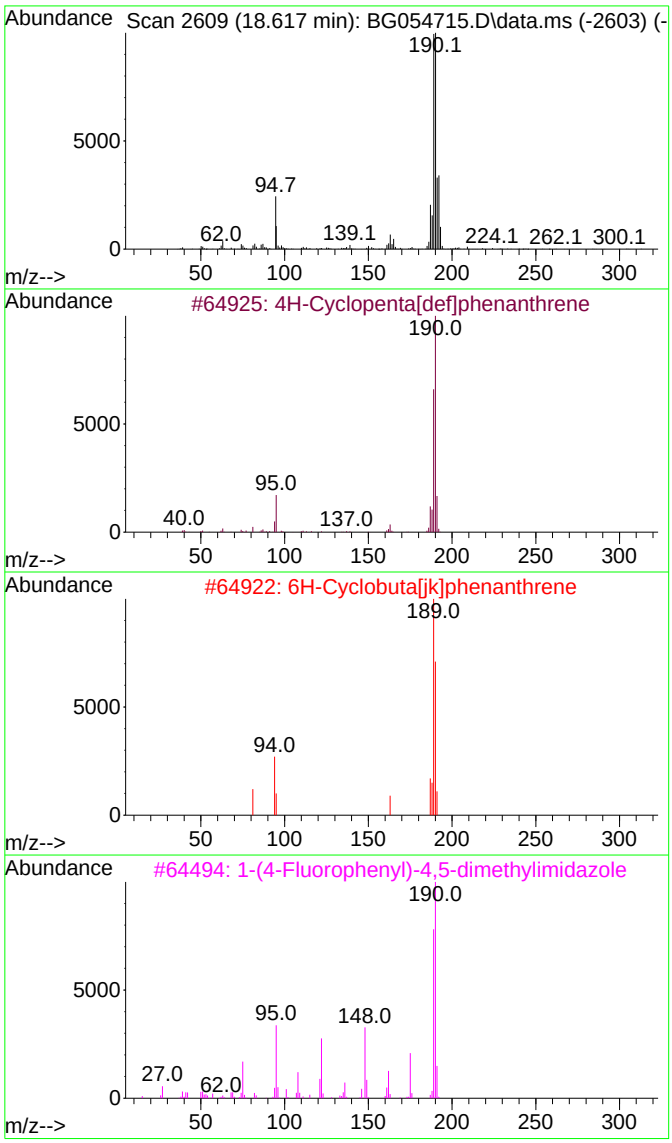
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

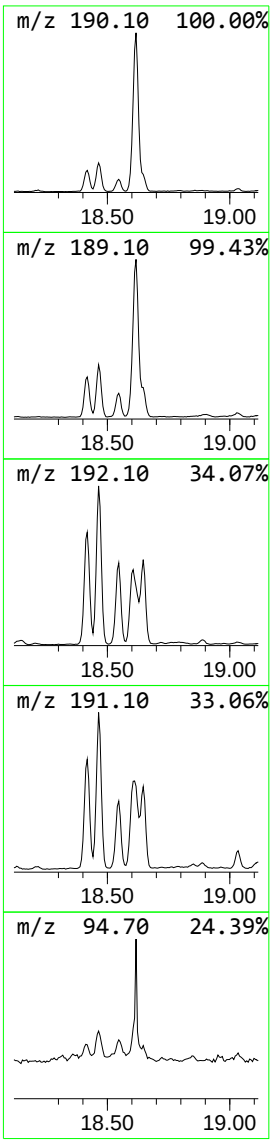
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.617	26.41 ng	1067660	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	1-(4-Fluorophenyl)-4,5-dimethyli...	190	C11H11FN2	1000443-18-7	58
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2-Chloro-1,4,5,6,7,8-hexahydroqu...	219	C11H10ClN3	1000436-11-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

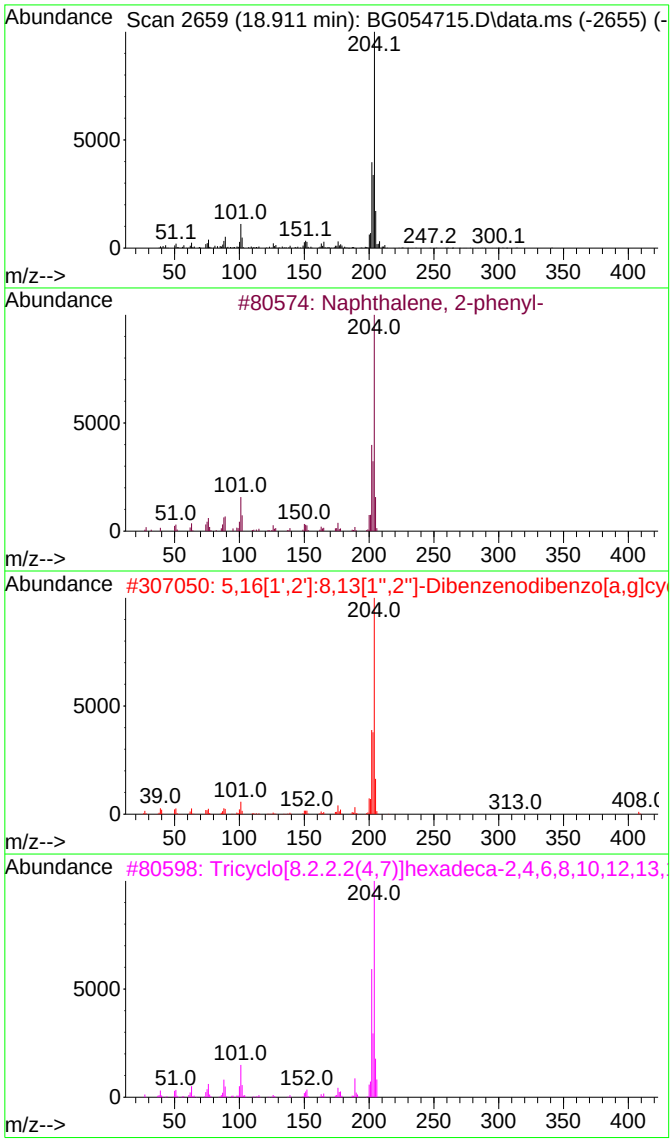
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

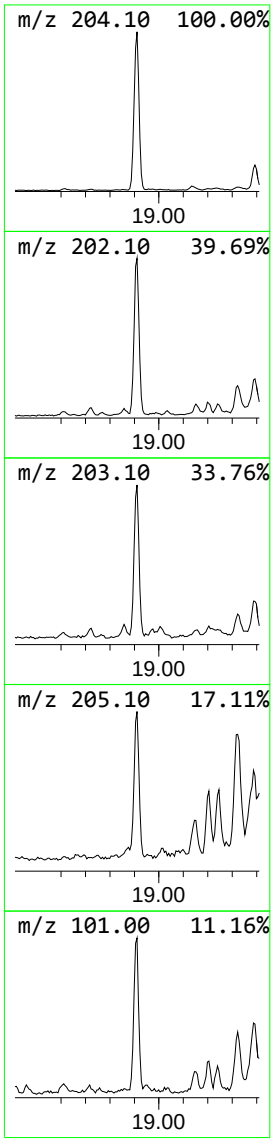
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.911	9.43 ng	381036	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

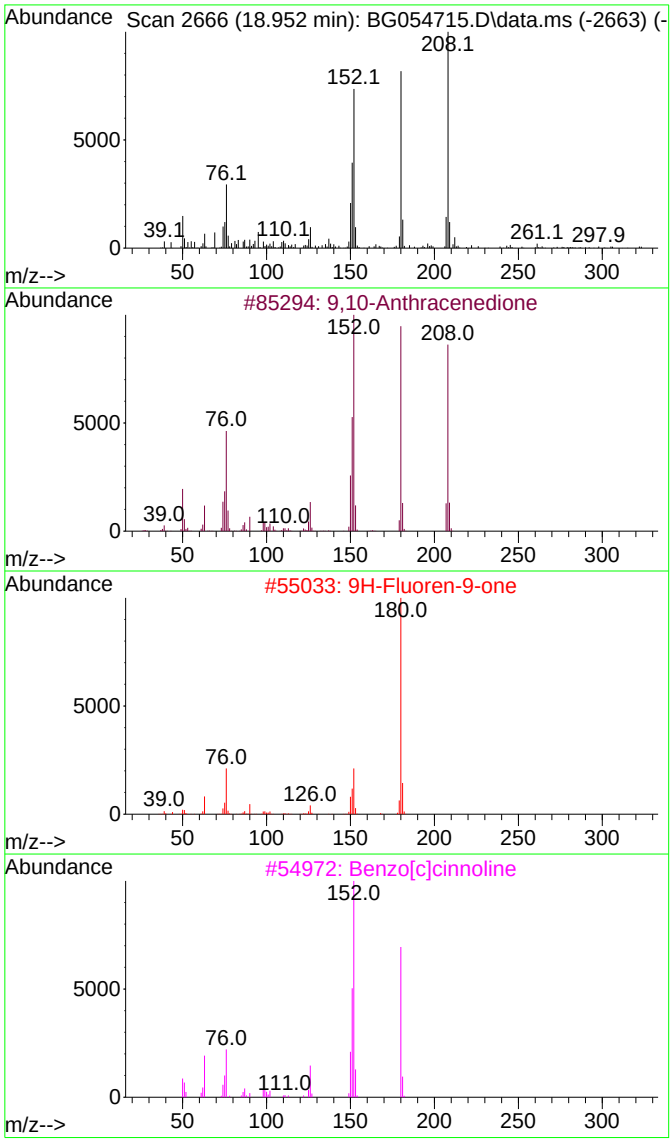
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

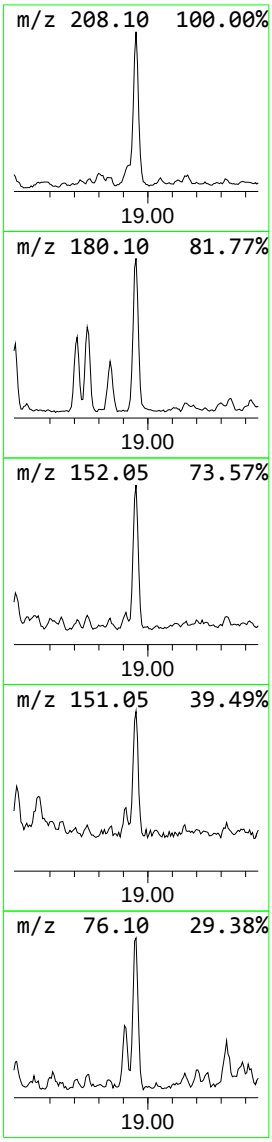
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.952	6.12 ng	247221	Phenanthrene-d10	17.542

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	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

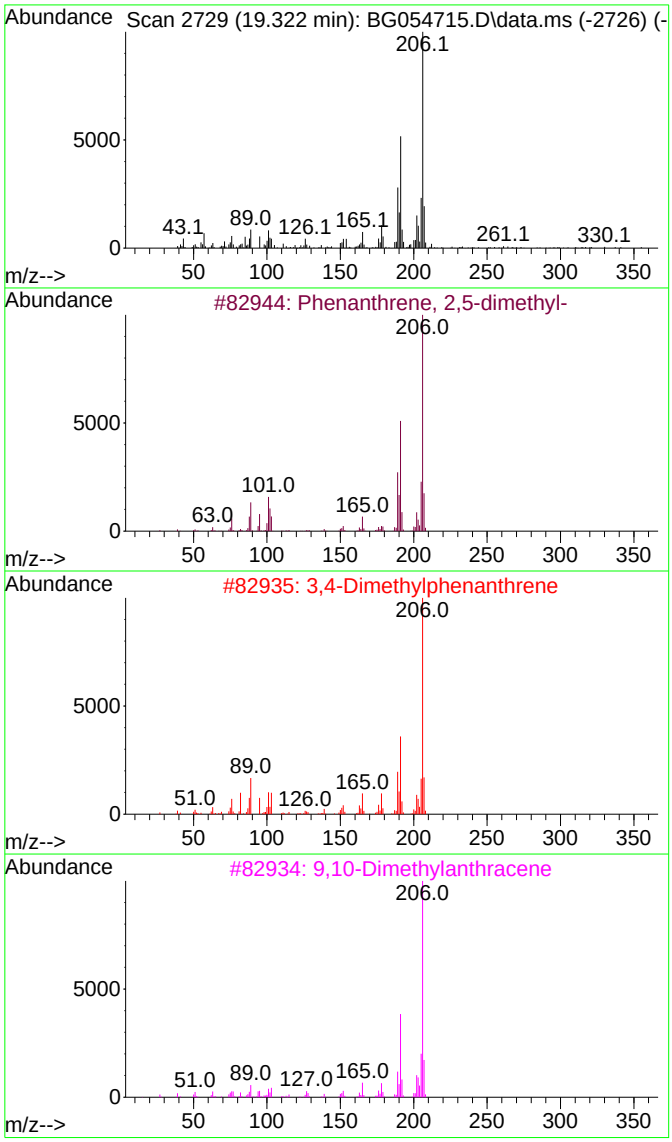
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

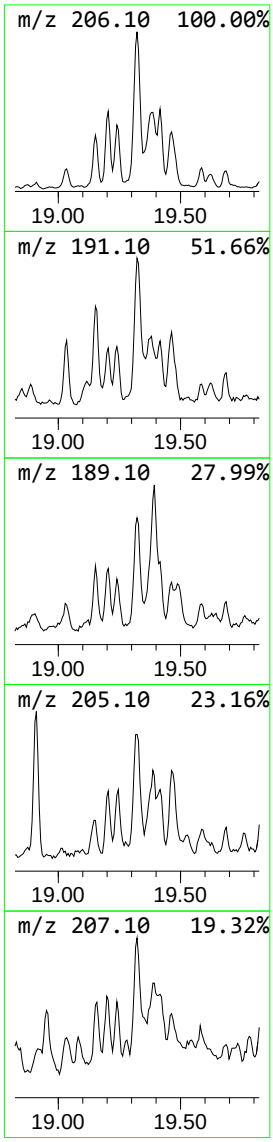
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.322	6.52 ng	263740	Phenanthrene-d10	17.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

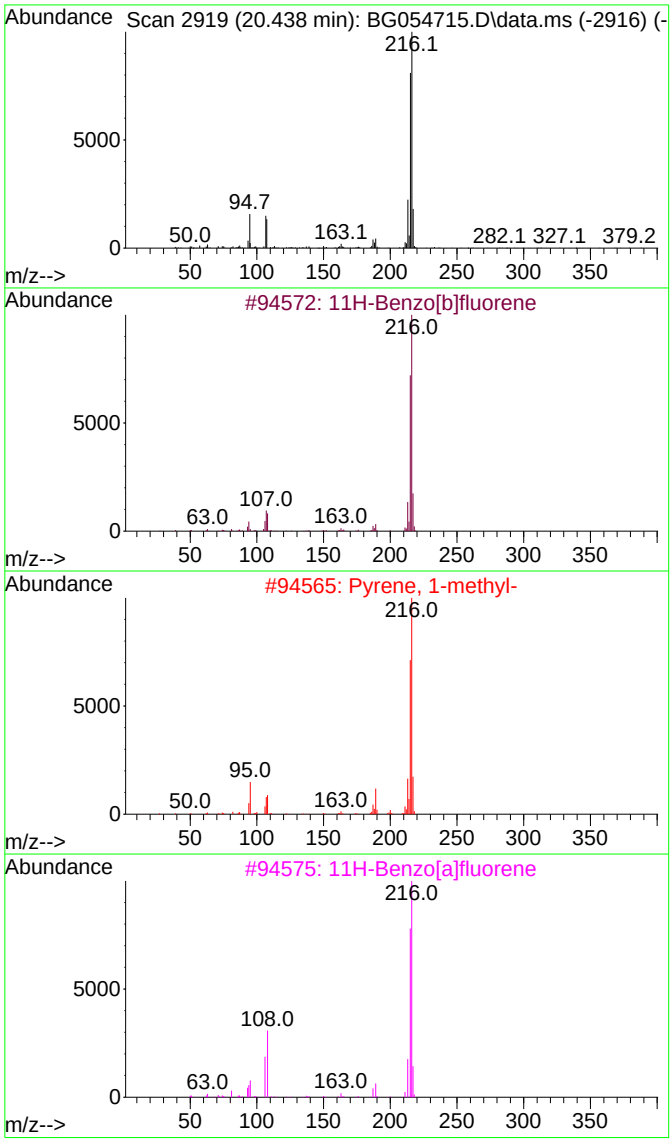
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

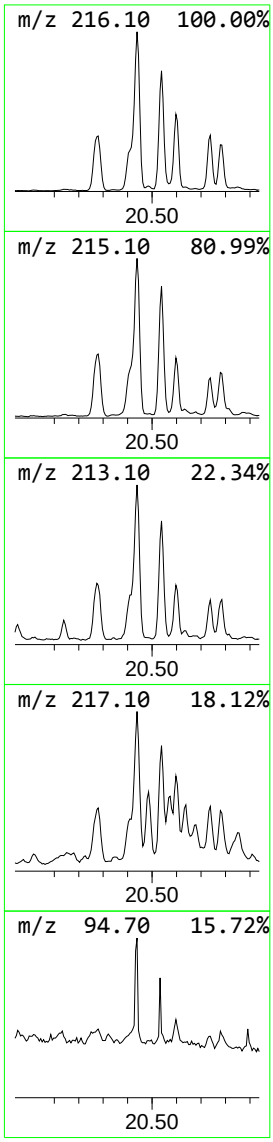
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.438	3.98 ng	837211	Chrysene-d12	21.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

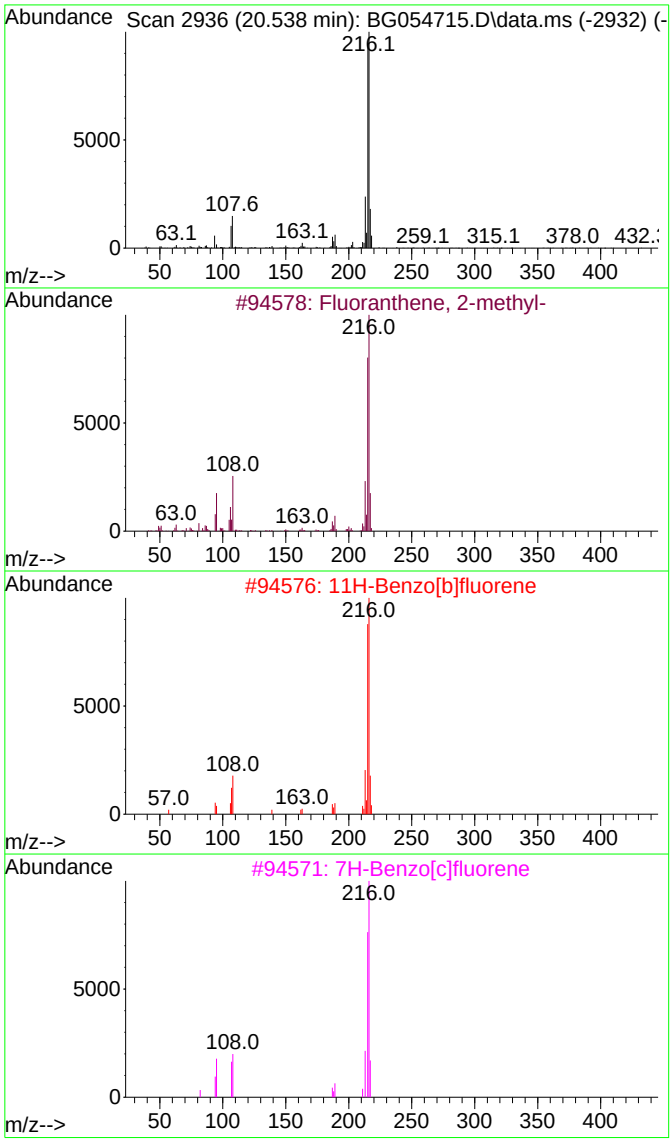
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

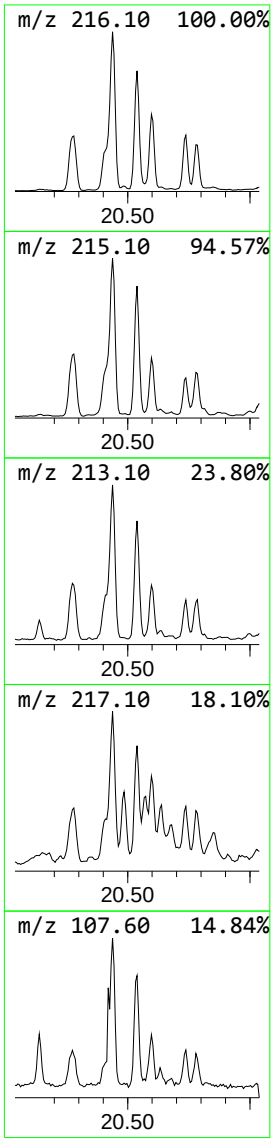
****

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.538	2.80 ng	588304	Chrysene-d12	21.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

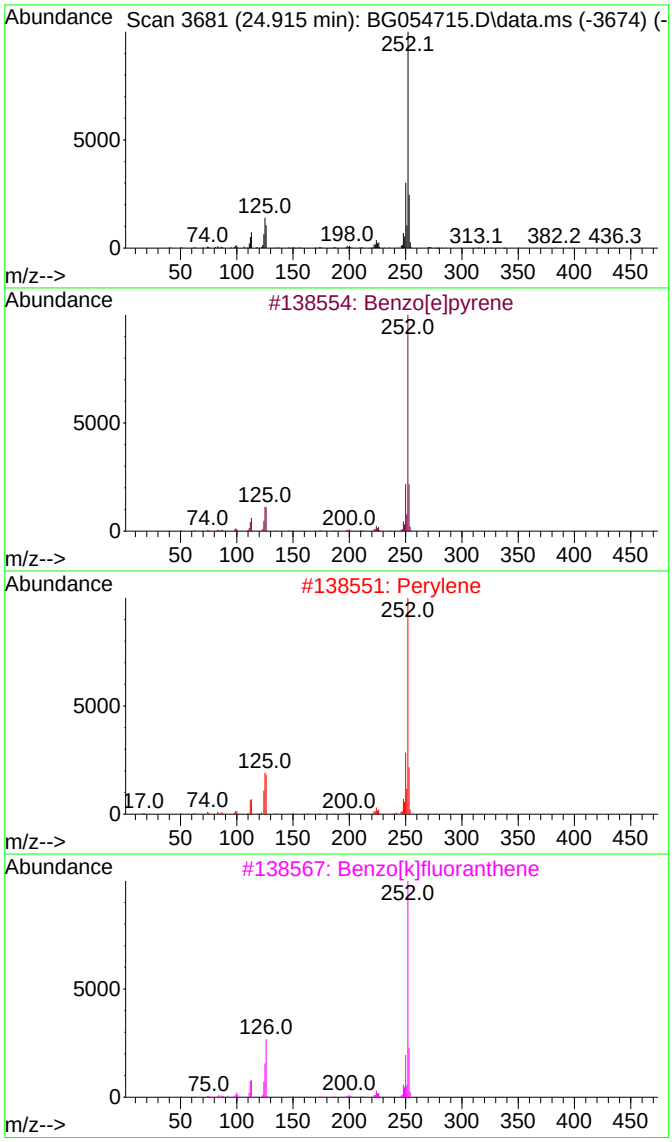
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

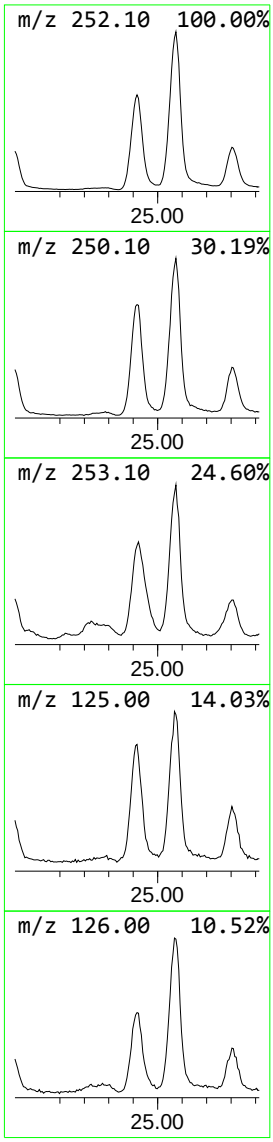
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.916	13.61 ng	1560700	Perylene-d12	25.221

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054715.D
Acq On : 23 Aug 2022 20:29
Operator : CG/JU
Sample : N4120-06 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG-19C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.970	3.9	ng	140749	3	14.792	717238	20.0
Naphthalene, 2,...	14.111	4.3	ng	155159	3	14.792	717238	20.0
Naphthalene, 1,...	14.345	3.5	ng	124012	3	14.792	717238	20.0
Decahydro-1,1,4...	14.622	5.1	ng	184417	3	14.792	717238	20.0
unknown14.698	14.698	2.5	ng	89195	3	14.792	717238	20.0
Naphthalene, 2,...	15.403	2.7	ng	95535	3	14.792	717238	20.0
Naphthalene, 1,...	15.450	3.0	ng	106716	3	14.792	717238	20.0
unknown15.573	15.573	4.7	ng	168193	3	14.792	717238	20.0
2,4,6-Cycloheptt...	16.126	5.1	ng	182363	3	14.792	717238	20.0
Dibenzothiophene	17.360	7.8	ng	316963	4	17.542	808426	20.0
Phenanthrene, 1...	18.417	12.0	ng	484204	4	17.542	808426	20.0
Phenanthrene, 2...	18.464	21.4	ng	864771	4	17.542	808426	20.0
Anthracene, 2-m...	18.547	9.7	ng	392386	4	17.542	808426	20.0
4H-Cyclopenta[d...	18.617	26.4	ng	1067660	4	17.542	808426	20.0
Naphthalene, 2-...	18.911	9.4	ng	381036	4	17.542	808426	20.0
9,10-Anthracene...	18.952	6.1	ng	247221	4	17.542	808426	20.0
Phenanthrene, 2...	19.322	6.5	ng	263740	4	17.542	808426	20.0
11H-Benzo[b]flu...	20.438	4.0	ng	837211	5	21.843	4209560	20.0
Fluoranthene, 2...	20.538	2.8	ng	588304	5	21.843	4209560	20.0
Benzo[e]pyrene	24.916	13.6	ng	1560700	6	25.221	2293870	20.0