LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-120722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.723	69	74	90	rBV	125353	193452	3.91%	0.344%
2	5.180	315	322	335	rBV	311588	475419	9.61%	0.846%
3	5.674	399	406	416	rBV	635478	1013441	20.48%	1.803%
4	7.301	675	683	701	rBV	685843	1172635	23.70%	2.086%
5	8.141	819	826	832	rBV	109650	180471	3.65%	0.321%
6	9.316	1018	1026	1037	rVB	416986	723746	14.63%	1.287%
7	10.967	1301	1307	1313	rBV	164546	289113	5.84%	0.514%
8	13.400	1711	1721	1728	rBV	1171507	1805999	36.50%	3.212%
9	14.640	1927	1932	1937	rBV	47717	60515	1.22%	0.108%
10	14.775	1947	1955	1961	rVB	291359	453663	9.17%	0.807%
11	14.839	1961	1966	1974	rVB	63281	95978	1.94%	0.171%
12	15.168	2018	2022	2030	rVB	42078	71925	1.45%	0.128%
13	15.586	2089	2093	2098	rVB	73916	95893	1.94%	0.171%
14	15.821	2126	2133	2139	rBV2	99138	151886	3.07%	0.270%
15	15.985	2156	2161	2165	rVB3	31218	49733	1.01%	0.088%
16	16.261	2202	2208	2227	rBV	849300	1415769	28.62%	2.518%
17	16.443	2234	2239	2242	rBV	83421	118743	2.40%	0.211%
18	17.172	2358	2363	2369	rVB	55012	83379	1.69%	0.148%
19	17.237	2369	2374	2377	rVV2	77643	111190	2.25%	0.198%
20	17.266	2377	2379	2386	rVV2	45985	100989	2.04%	0.180%
21	17.336	2386	2391	2398	rVV	91344	143346	2.90%	0.255%
22	17.425	2398	2406	2411	rVB4	49865	87460	1.77%	0.156%
23	17.519	2416	2422	2425	rBV	355231	557503	11.27%	0.992%
24	17.566	2425	2430	2436	rVV	1717282	2638767	53.34%	4.694%
25	17.624	2436	2440	2441	rVV	55848	73618	1.49%	0.131%
26	17.654	2441	2445	2449	rVV	163873	248244	5.02%	0.442%
27	17.707	2449	2454	2462	rVB	216615	330283	6.68%	0.587%
28	17.918	2480	2490	2496	rBV	462988	798809	16.15%	1.421%
29	17.971	2496	2499	2504	rVB	62378	76459	1.55%	0.136%
30	18.030	2504	2509	2515	rBV4	33621	64629	1.31%	0.115%
31	18.147	2525	2529	2533	rBV	89595	106196	2.15%	0.189%
32	18.388	2562	2570	2574	rBV	169922	271004	5.48%	0.482%
33	18.435	2574	2578	2585	rVB2	233947	369584	7.47%	0.657%
34	18.517	2588	2592	2597	rVB2	36455	53620	1.08%	0.095%
35	18.588	2597	2604	2608	rBV3	334199	590493	11.94%	1.050%
36	18.658	2613	2616	2619	rVV2	48335	63938	1.29%	0.114%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.729	2625	2628	2632	rVV	40445	58161	1.18%	0.103%
38	18.788	2632	2638	2641	rVV5	37944	62978	1.27%	0.112%
39	18.882	2649	2654	2658	rBV	164076	234604	4.74%	0.417%
40	18.935	2658	2663	2668	rVB	482198	684626	13.84%	1.218%
41	19.123	2688	2695	2699	rBV3	50517	85534	1.73%	0.152%
42	19.281	2718	2722	2724	rBV2	146249	192020	3.88%	0.342%
43	19.311	2724	2727	2731	rVB	141660	176245	3.56%	0.313%
44	19.446	2744	2750	2756	rBV3	138195	220656	4.46%	0.392%
45	19.569	2763	2771	2776	rBV	3115017	4947370	100.00%	8.800%
46	19.657	2782	2786	2791	rVB2	78696	106793	2.16%	0.190%
47	19.757	2798	2803	2806	rBV2	73798	120463	2.43%	0.214%
48	19.804	2807	2811	2817	rVV2	106354	198042	4.00%	0.352%
49	19.892	2821	2826	2828	rVV2	547640	860009	17.38%	1.530%
50	19.933	2828	2833	2838	rVV	2464890	3787716	76.56%	6.737%
51	19.986	2838	2842	2847	rVB2	132064	184113	3.72%	0.327%
52	20.110	2856	2863	2868	rBV	1971342	2691183	54.40%	4.787%
53	20.168	2868	2873	2878	rVB	155433	232676	4.70%	0.414%
54	20.245	2879	2886	2891	rBV2	147344	363519	7.35%	0.647%
55	20.298	2891	2895	2901	rBV	110404	154930	3.13%	0.276%
56	20.368	2901	2907	2910	rBV	156040	334319	6.76%	0.595%
57	20.415	2910	2915	2919	rVB	452410	697221	14.09%	1.240%
58	20.509	2926	2931	2935	rBV	447816	624265	12.62%	1.110%
59	20.568	2935	2941	2944	rVV2	197207	403744	8.16%	0.718%
60	20.603	2944	2947	2951	rVV	171129	219000	4.43%	0.390%
61	20.644	2951	2954	2958	rVB2	49886	68599	1.39%	0.122%
62	20.709	2961	2965	2968	rVV	98180	132482	2.68%	0.236%
63	20.756	2969	2973	2980	rVB2	109845	197001	3.98%	0.350%
64	20.967	3005	3009	3012	rBV4	41205	70368	1.42%	0.125%
65	21.132	3033	3037	3041	rBV3	54664	94673	1.91%	0.168%
66	21.179	3041	3045	3052	rVB	204652	321304	6.49%	0.572%
67	21.367	3069	3077	3081	rBV2	370461	708763	14.33%	1.261%
68	21.408	3081	3084	3089	rVV	259310	434201	8.78%	0.772%
69	21.467	3089	3094	3098	rVV2	305379	575629	11.64%	1.024%
70	21.526	3099	3104	3109	rVB2	221086	405217	8.19%	0.721%
71	21.655	3122	3126	3132	rVB	98197	160376	3.24%	0.285%
72	21.784	3136	3148	3155	rVV3	1237816	3240616	65.50%	5.764%
73	21.849	3155	3159	3171	rVB	1301839	2368269	47.87%	4.213%
74	21.949	3172	3176	3180	rBV3	43791	64723	1.31%	0.115%
75	22.002	3180	3185	3191	rBV	236238	417143	8.43%	0.742%
76	22.078	3194	3198	3202	rBV3	62374	109153	2.21%	0.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.148	3207	3210	3216	rVB	117946	187827	3.80%	0.334%
78	22.219	3216	3222	3228	rBV2	236447	459165	9.28%	0.817%
79	22.284	3230	3233	3238	rVB2	41113	67743	1.37%	0.120%
80	22.454	3257	3262	3268	rBV2	79070	157684	3.19%	0.280%
81	22.636	3286	3293	3300	rVB2	132864	326726	6.60%	0.581%
82	22.771	3311	3316	3321	rBV3	60778	115081	2.33%	0.205%
83	22.830	3321	3326	3330	rVV2	107527	229955	4.65%	0.409%
84	22.883	3331	3335	3342	rVB2	132153	258567	5.23%	0.460%
85	22.965	3344	3349	3358	rVB3	95243	210663	4.26%	0.375%
86	23.247	3392	3397	3406	rBV3	78322	186497	3.77%	0.332%
87	23.476	3431	3436	3448	rVB2	101764	245598	4.96%	0.437%
88	23.688	3467	3472	3481	rVB2	73005	173460	3.51%	0.309%
89	24.081	3528	3539	3546	rBV	929003	3253853	65.77%	5.788%
90	24.340	3577	3583	3592	rVB	105449	245811	4.97%	0.437%
91	24.546	3613	3618	3630	rBV2	55277	160193	3.24%	0.285%
92	24.828	3657	3666	3681	rVB	549190	1667050	33.70%	2.965%
93	24.986	3682	3693	3703	rVV	700732	1938497	39.18%	3.448%
94	25.133	3711	3718	3725	rBV2	179439	509502	10.30%	0.906%
95	25.215	3726	3732	3746	rVB2	191154	611553	12.36%	1.088%
96	28.987	4359	4374	4395	rVB3	325197	1748144	35.33%	3.110%
97	30.192	4564	4579	4607	rVB2	238154	1318618	26.65%	2.346%

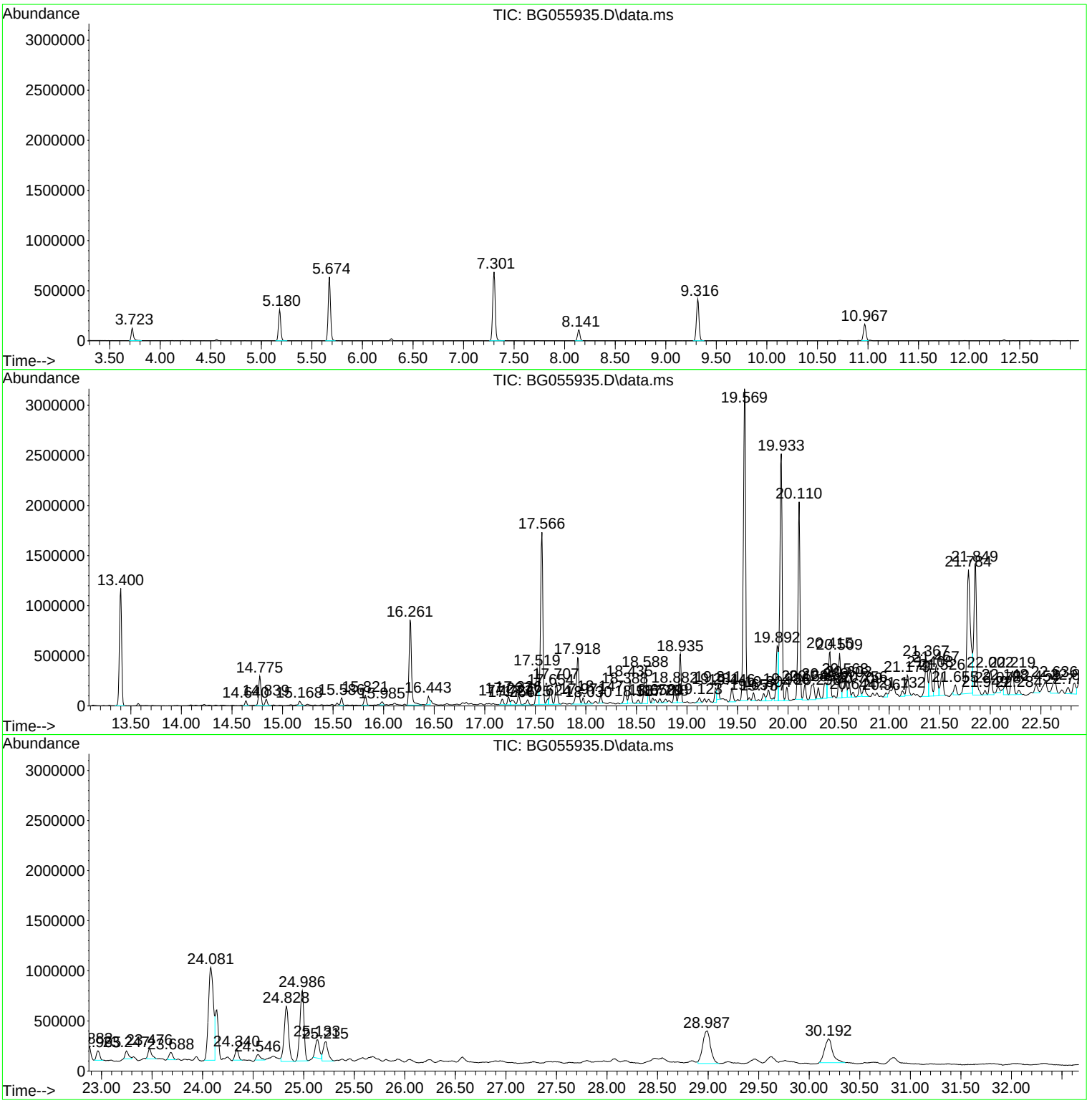
Sum of corrected areas: 56218783

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

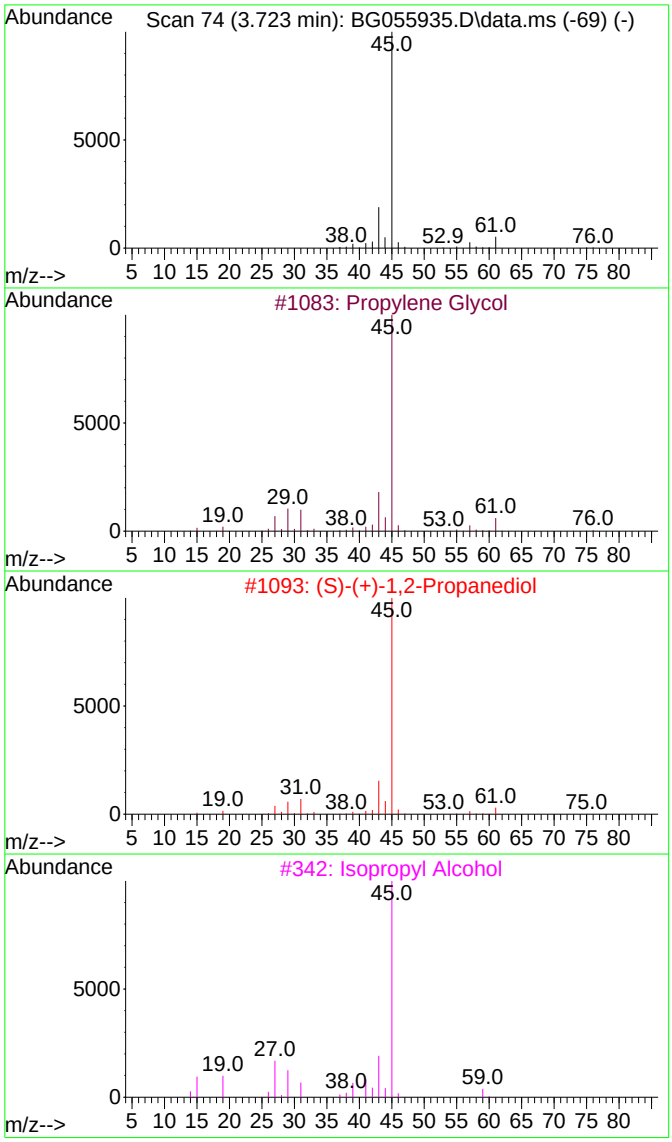
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

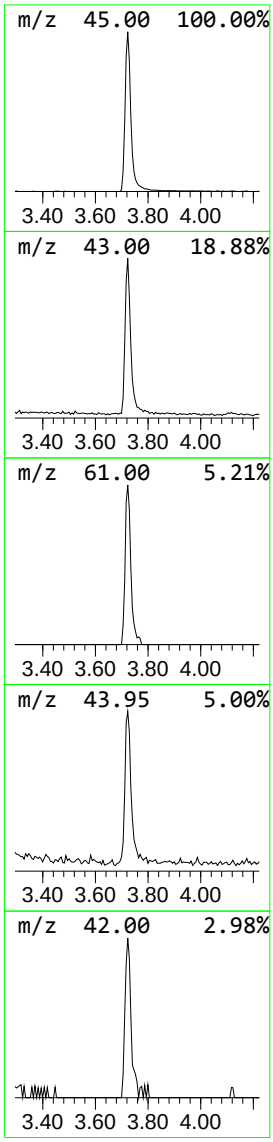
****

Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.723	21.44 ng	193452	1,4-Dichlorobenzene-d4	8.141

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	74
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

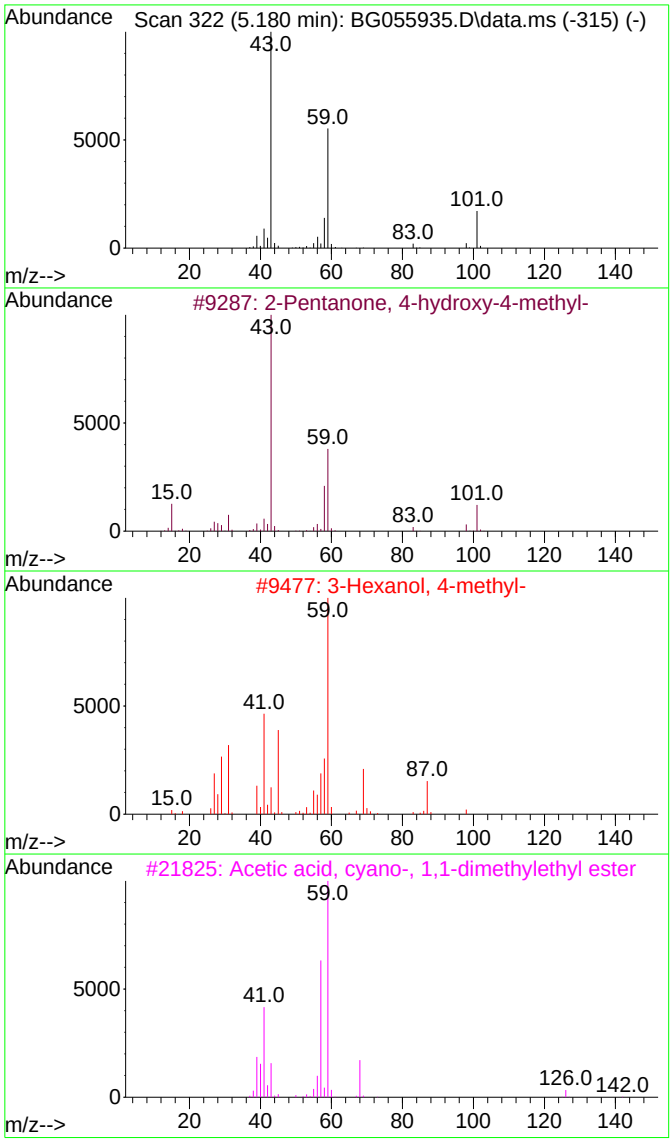
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

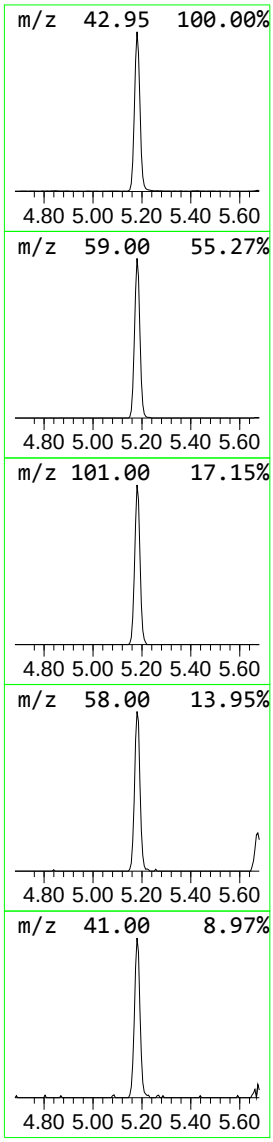
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.180	52.69 ng	475419	1,4-Dichlorobenzene-d4	8.141

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

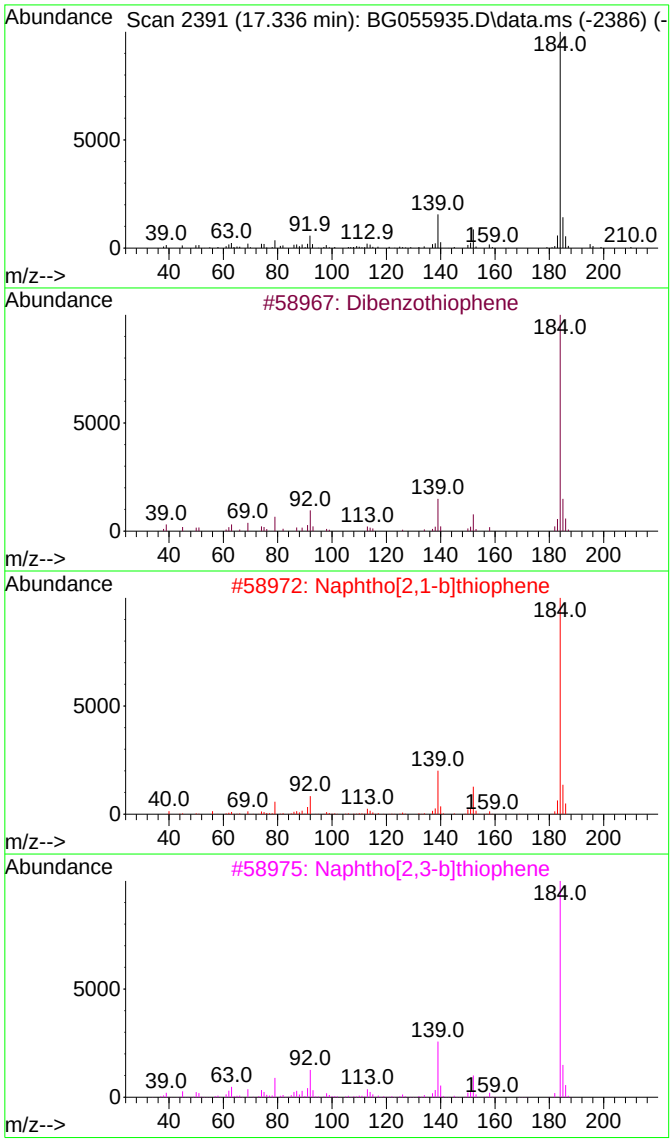
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

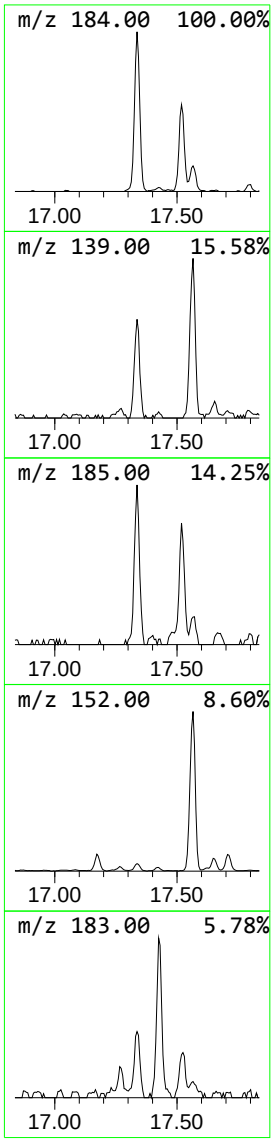
****

Peak Number 3 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.336	5.14 ng	143346	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

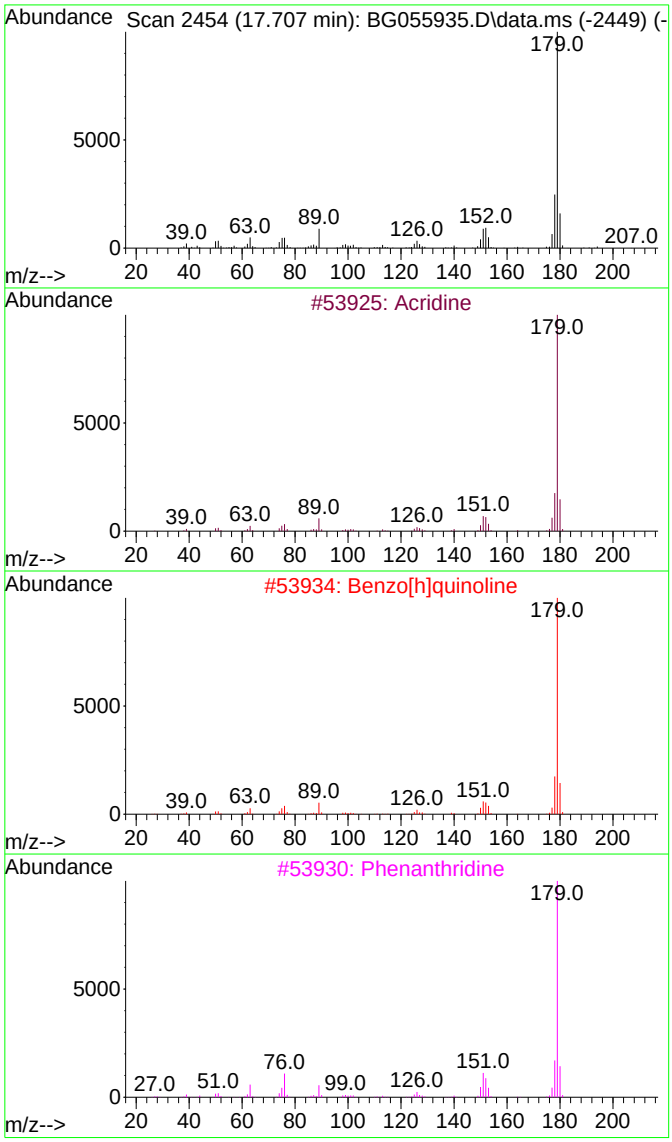
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

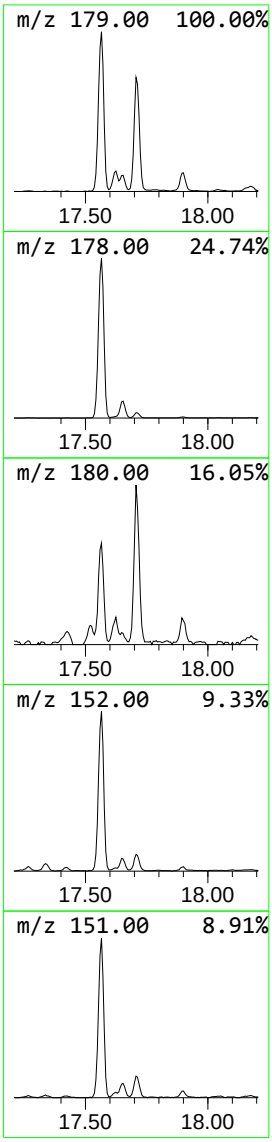
****

Peak Number 4 Acridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.707	11.85 ng	330283	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Phenanthridine	179	C13H9N	000229-87-8	93
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	87
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

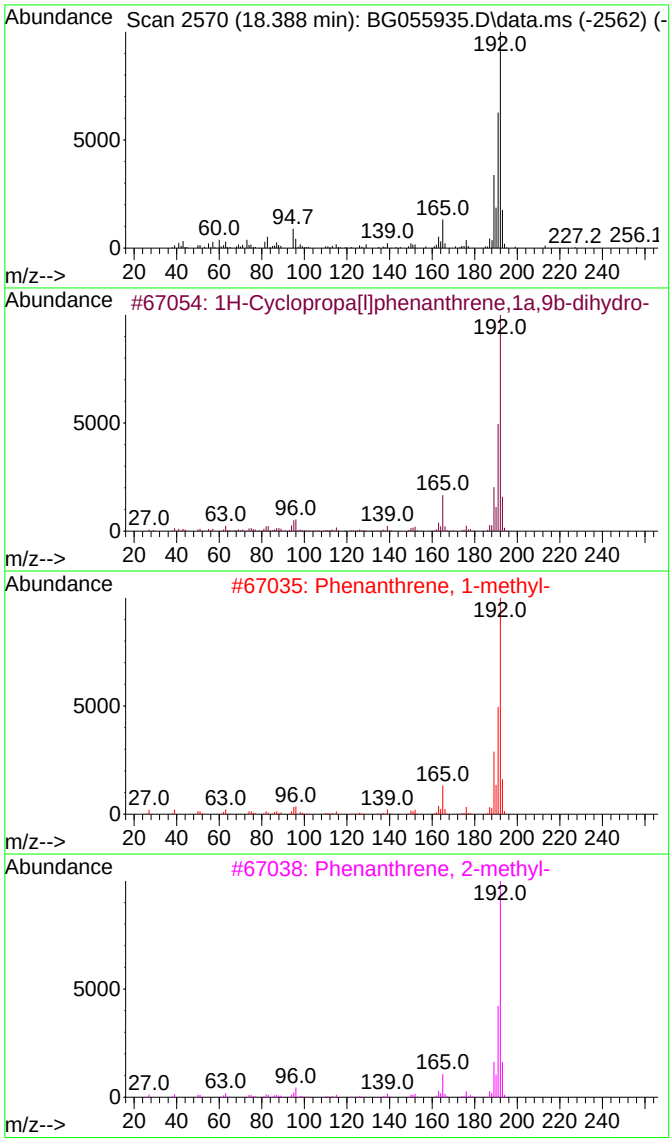
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

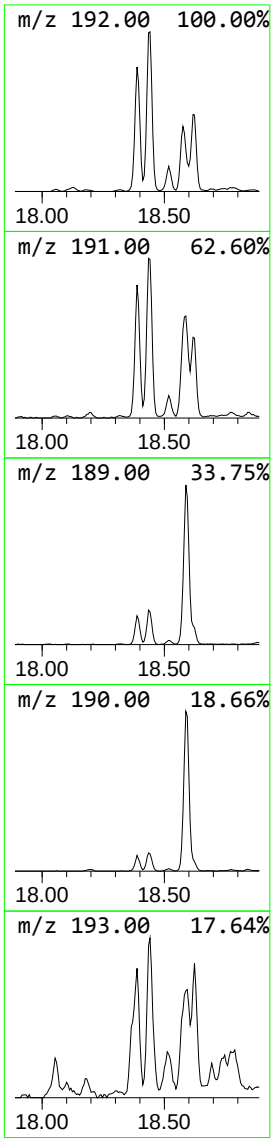
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	9.72 ng	271004	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

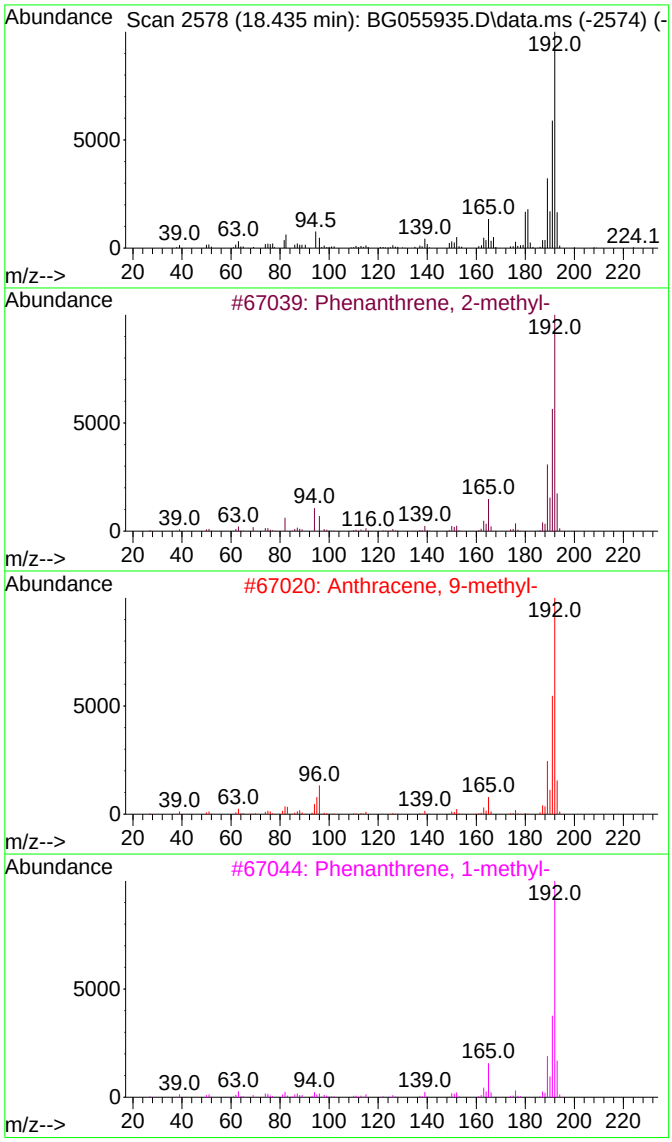
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

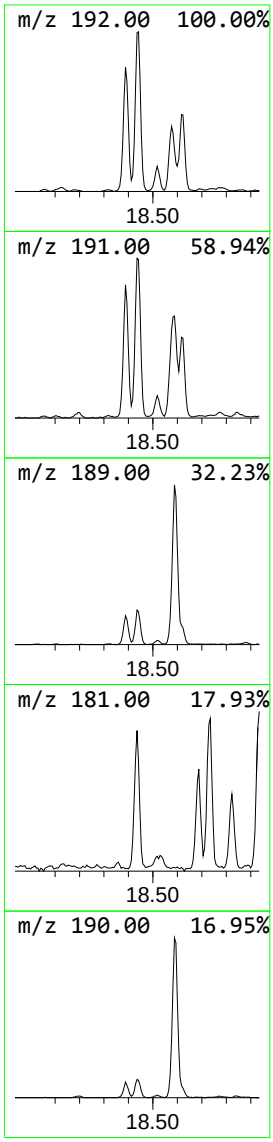
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	13.26 ng	369584	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

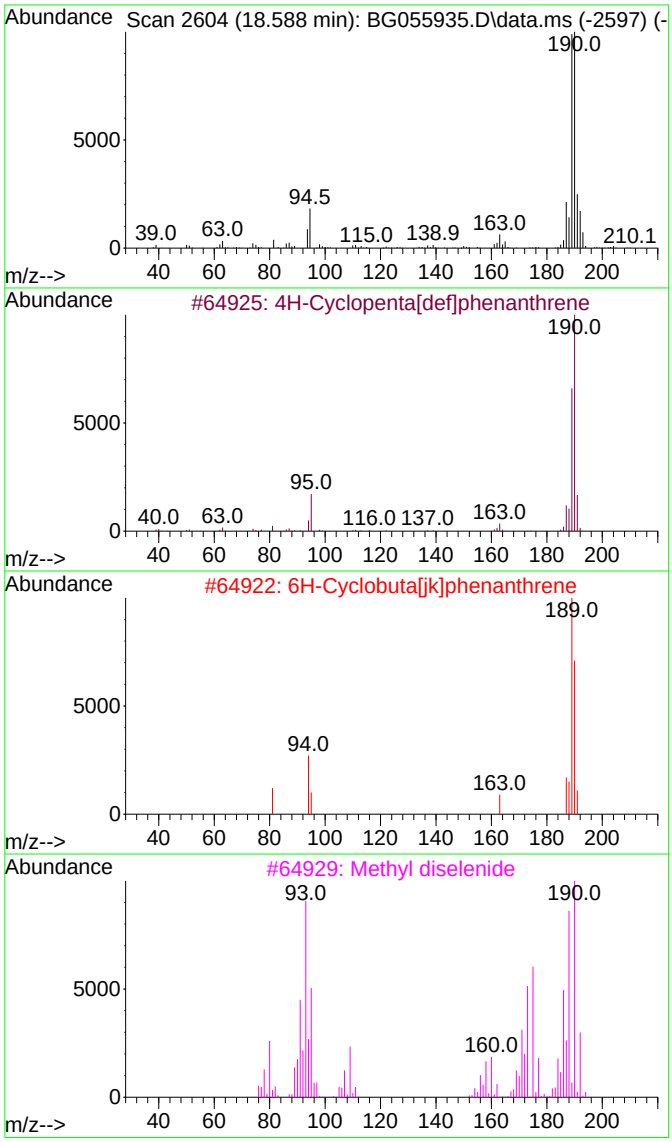
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

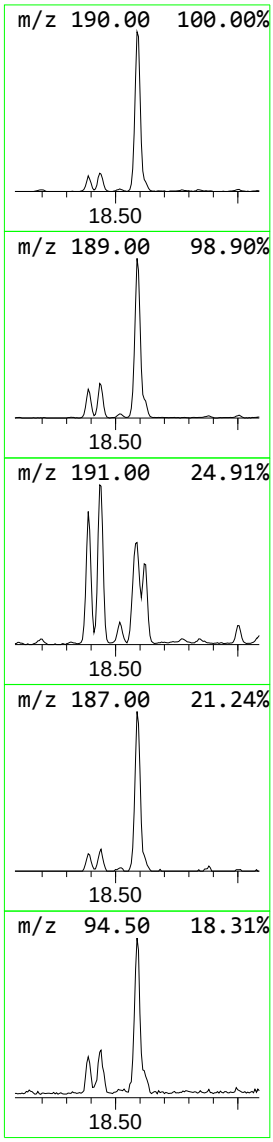
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.588	21.18 ng	590493	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

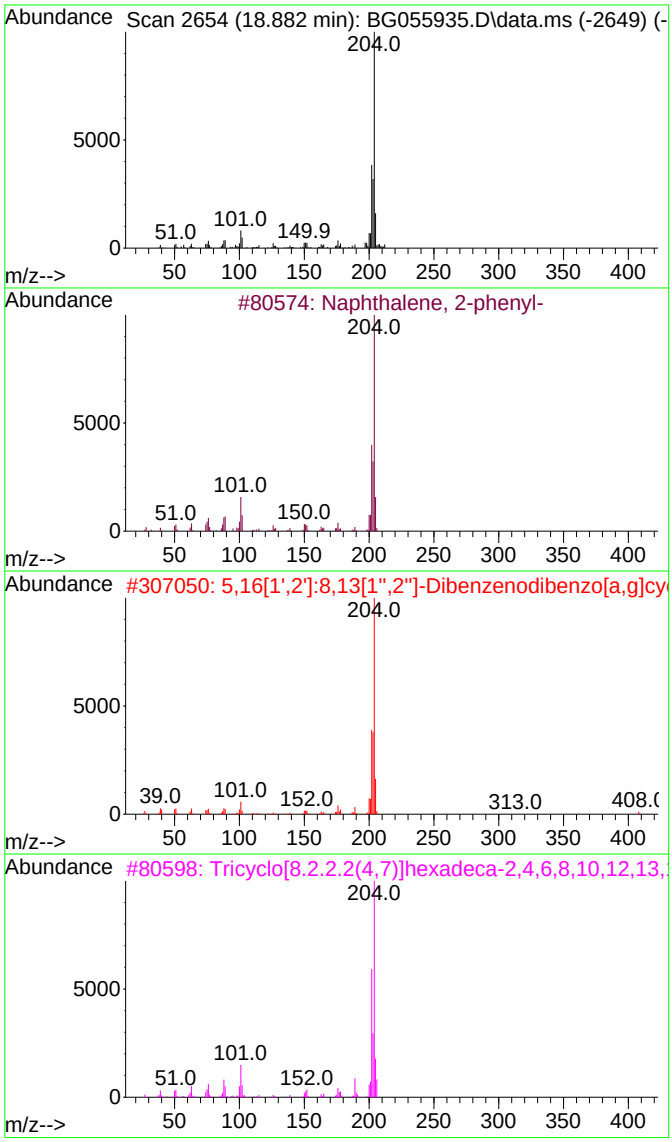
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

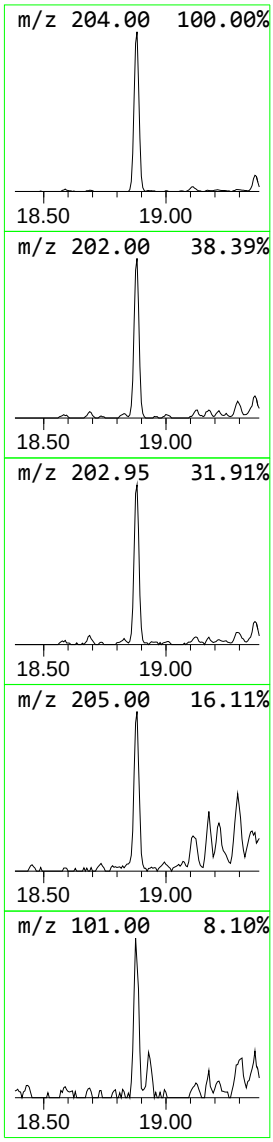
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.882	8.42 ng	234604	Phenanthrene-d10	17.519

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	91
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	60
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

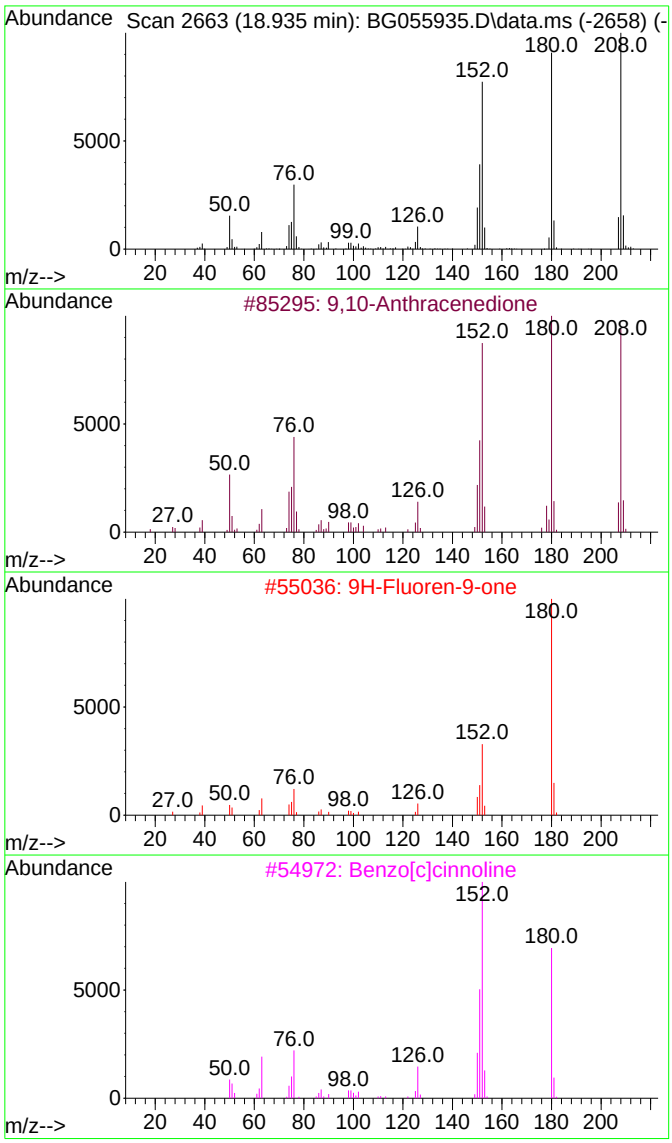
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

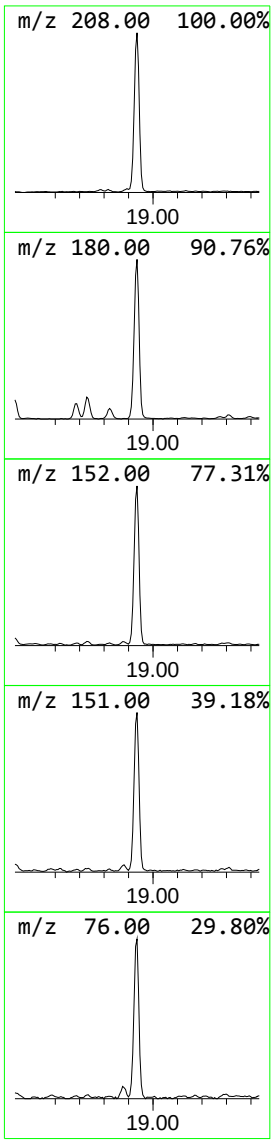
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.935	24.56 ng	684626	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

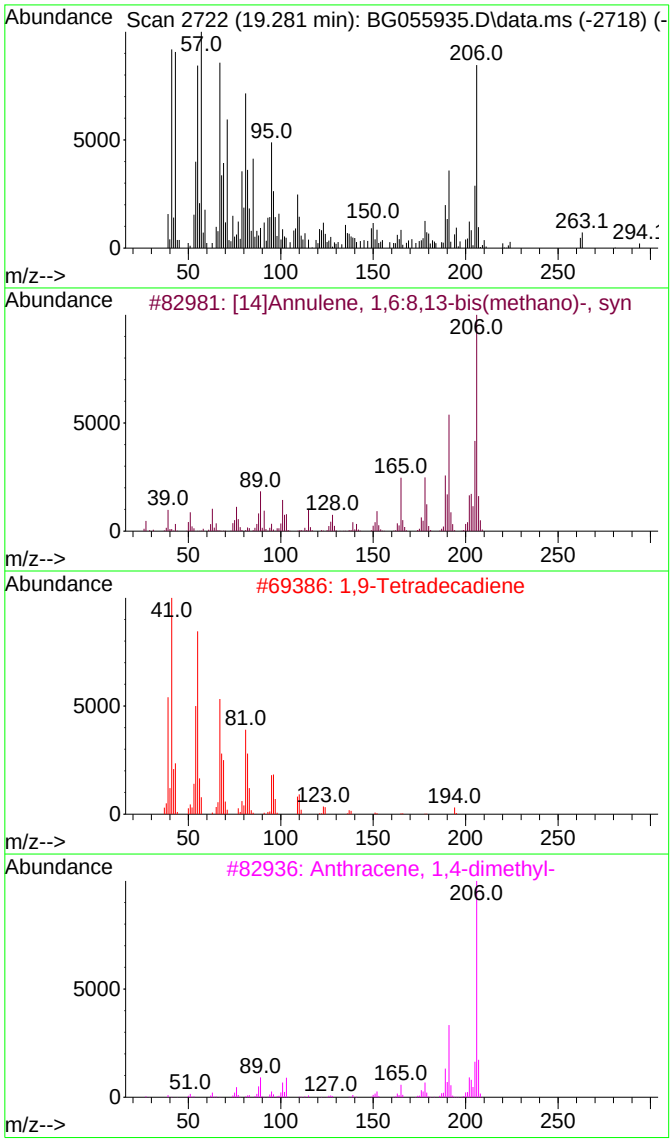
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

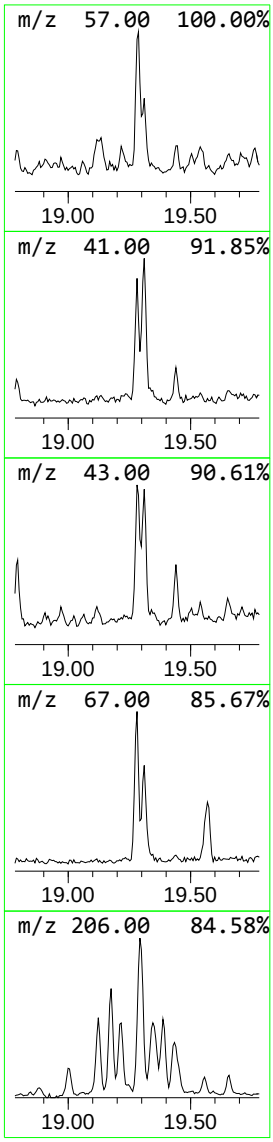
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.281	6.89 ng	192020	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	50
2	1,9-Tetradecadiene	194	C14H26	112929-06-3	40
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	35
5	E-1,9-Tetradecadiene	194	C14H26	1000245-70-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

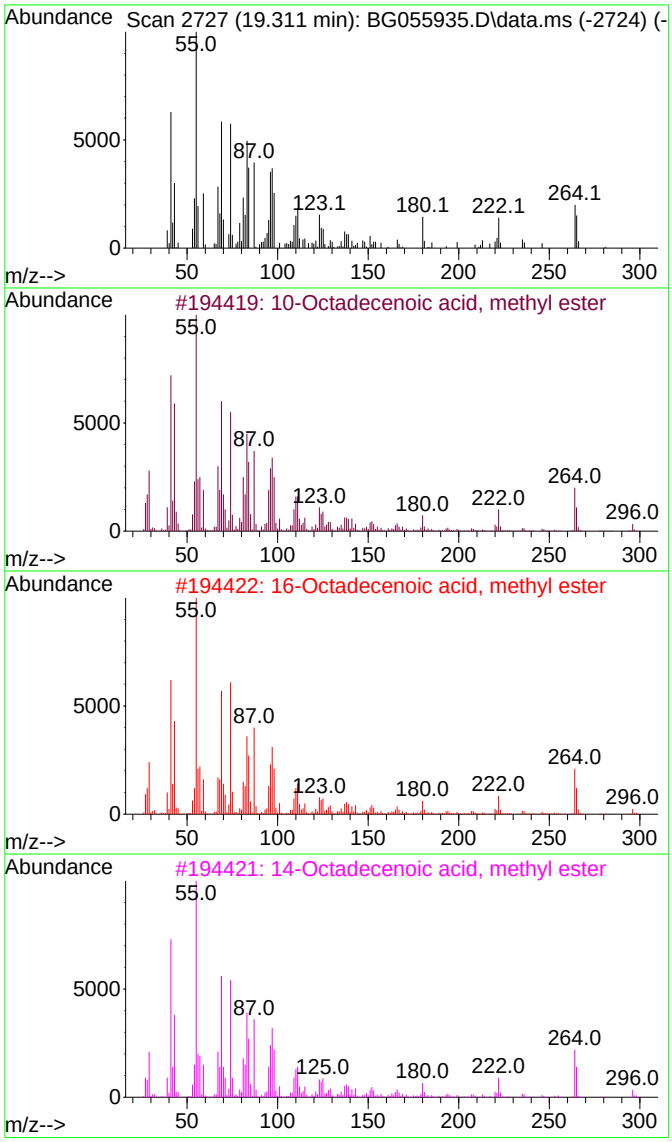
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

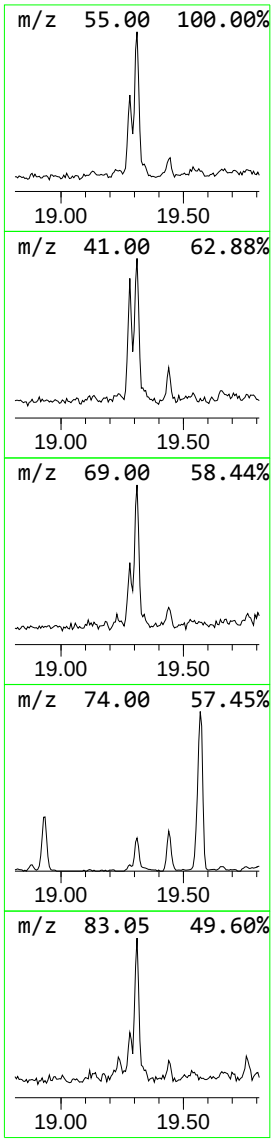
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 10-Octadecenoic acid, methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.311	6.32 ng	176245	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

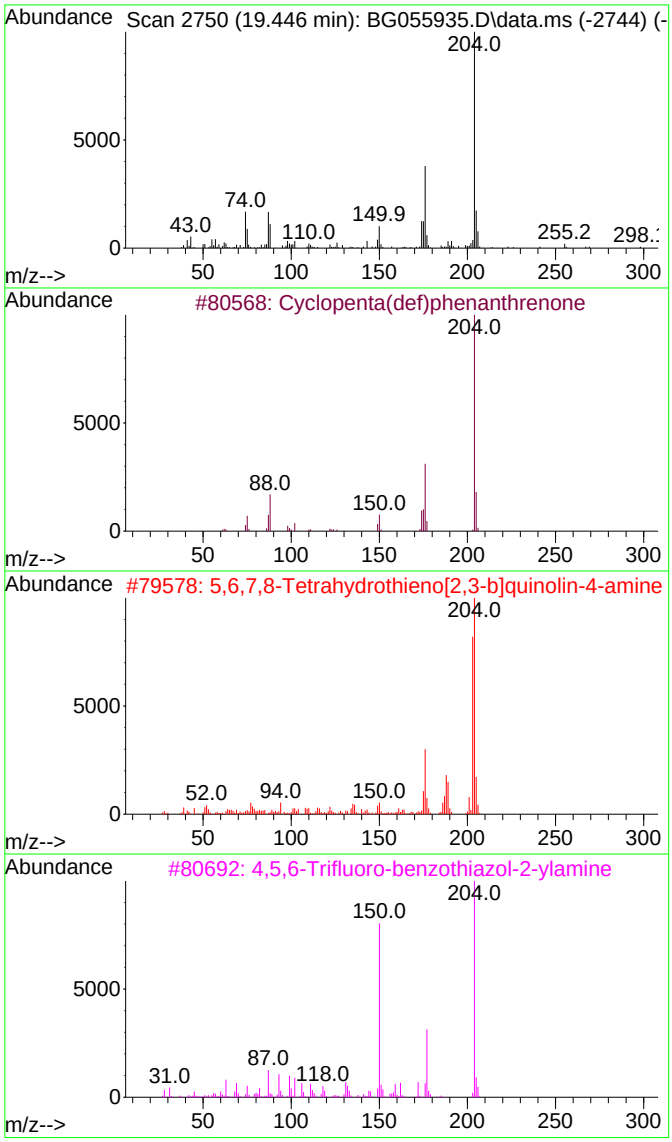
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

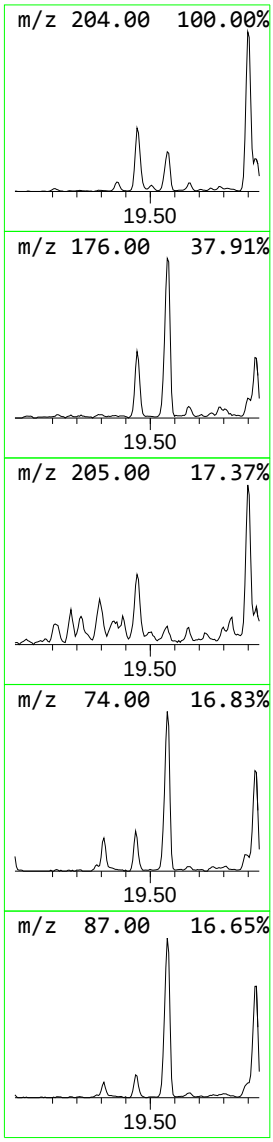
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.446	7.92 ng	220656	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	4,5,6-Trifluoro-benzothiazol-2-y...	204	C7H3F3N2S	328037-32-7	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

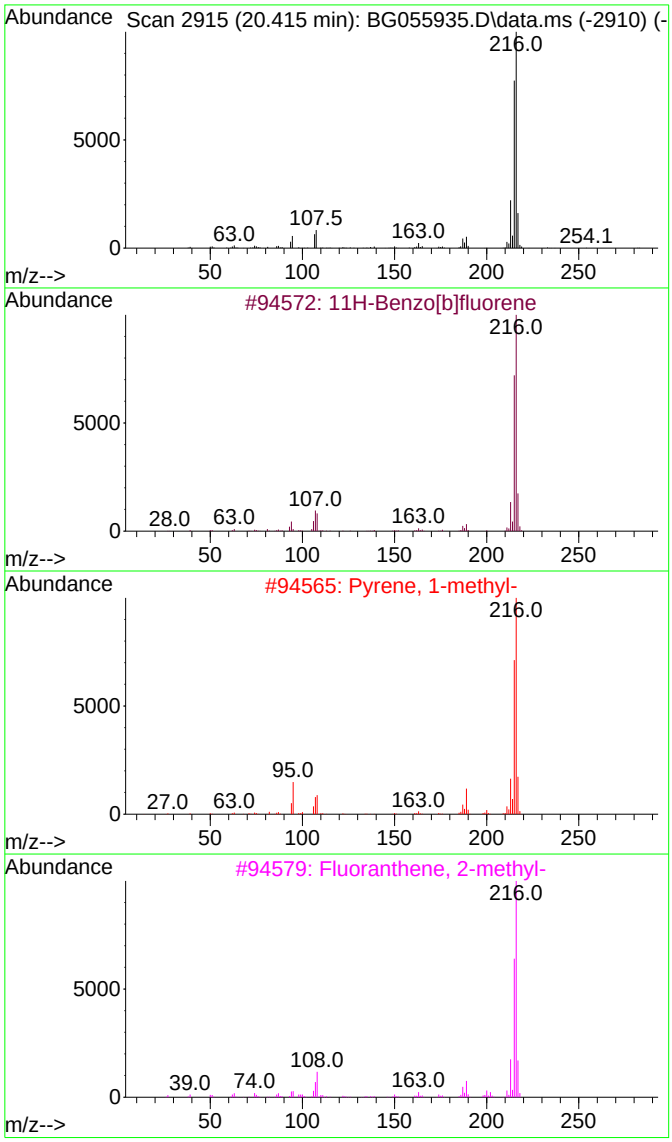
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

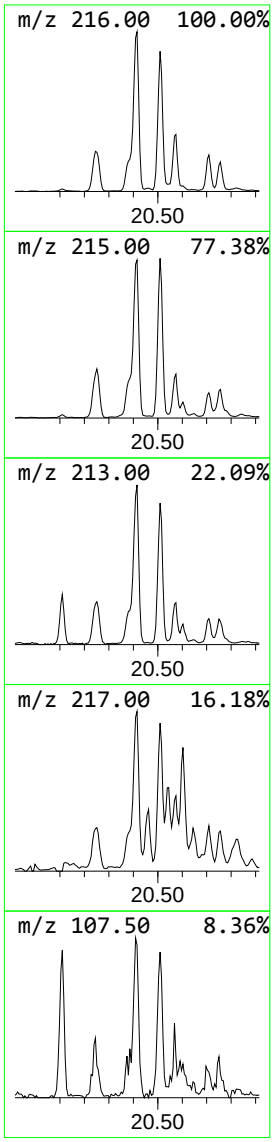
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.415	4.30 ng	697221	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

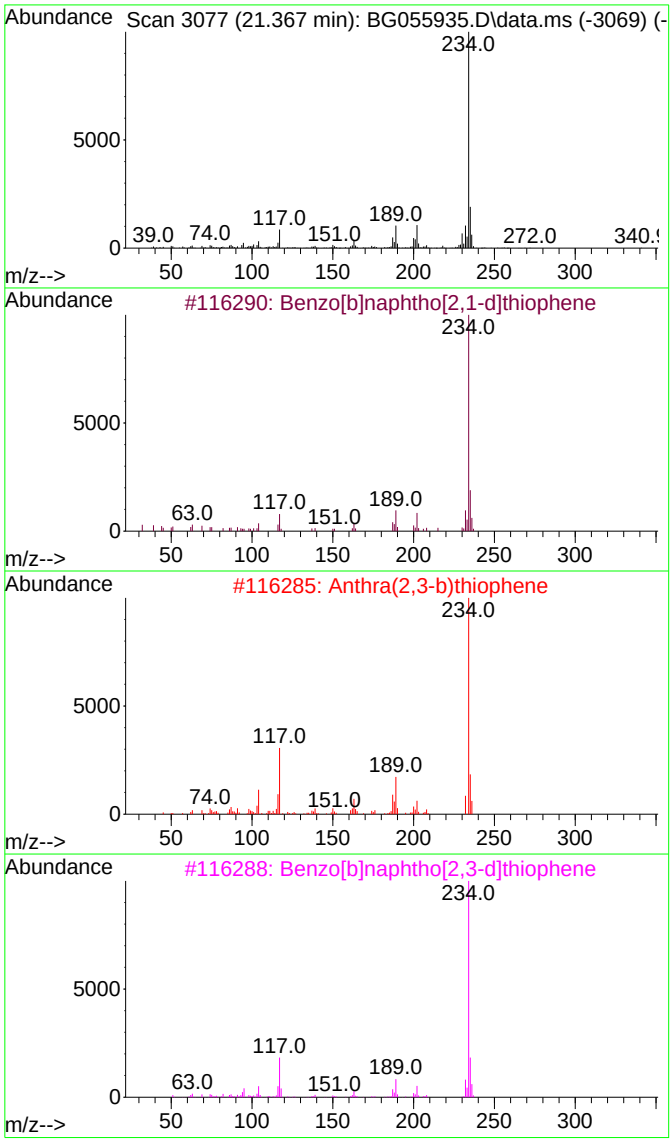
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

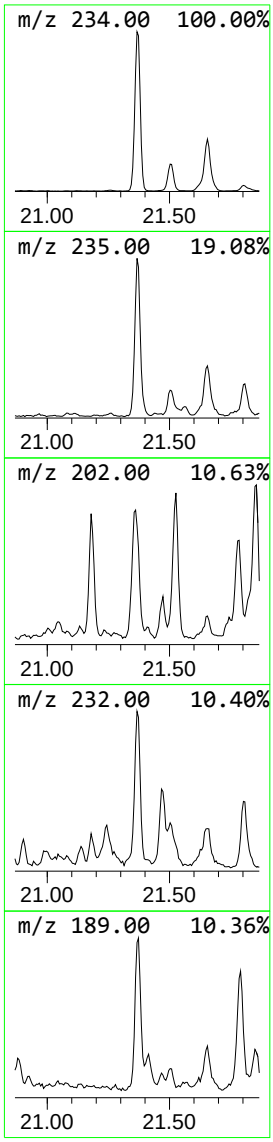
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.367	4.37 ng	708763	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

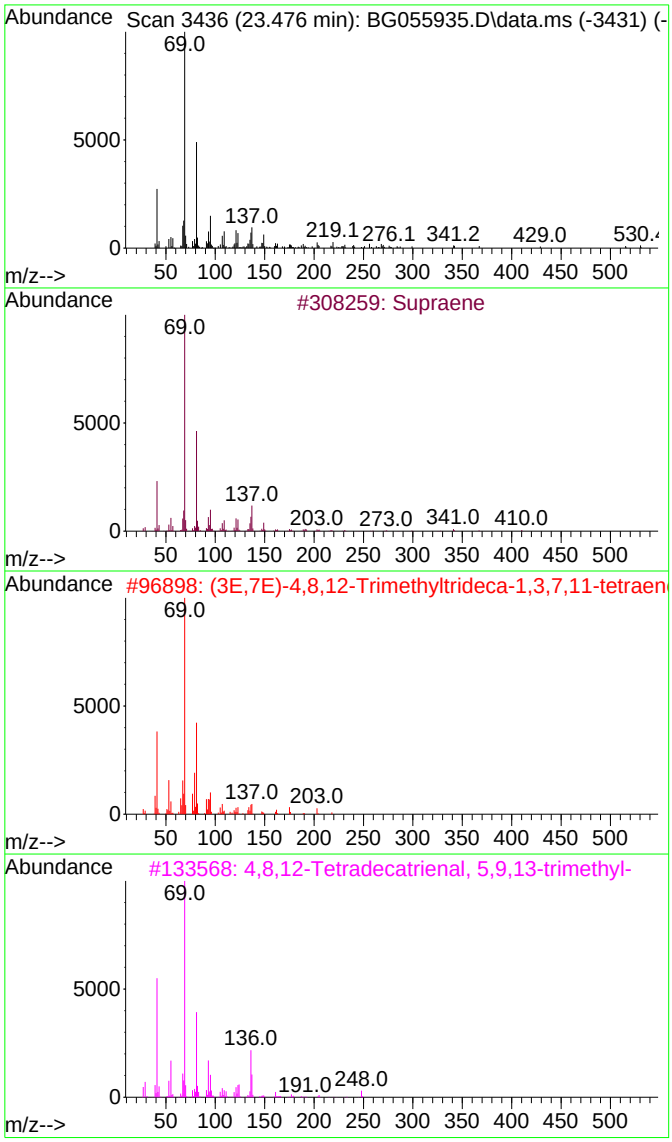
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

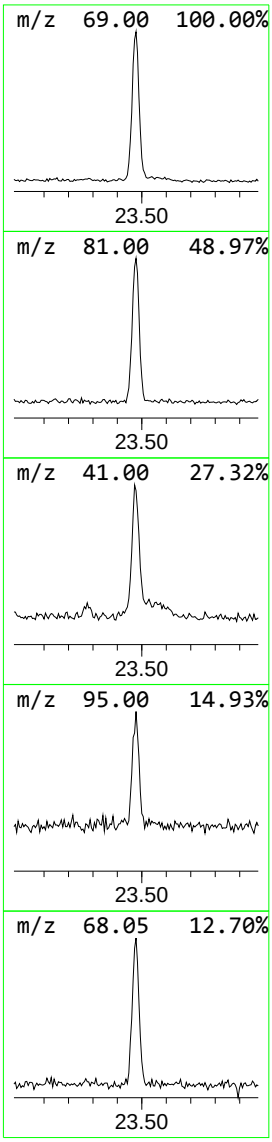
****

Peak Number 15 Supraene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.476	9.64 ng	245598	Perylene-d12	25.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	83
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	59
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

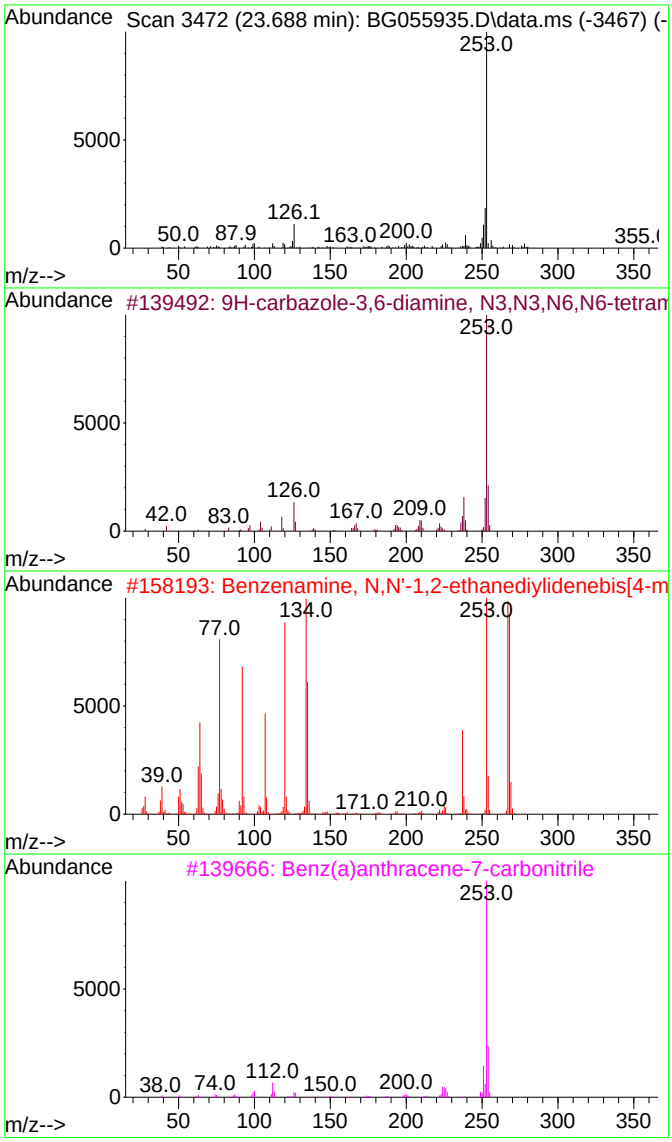
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

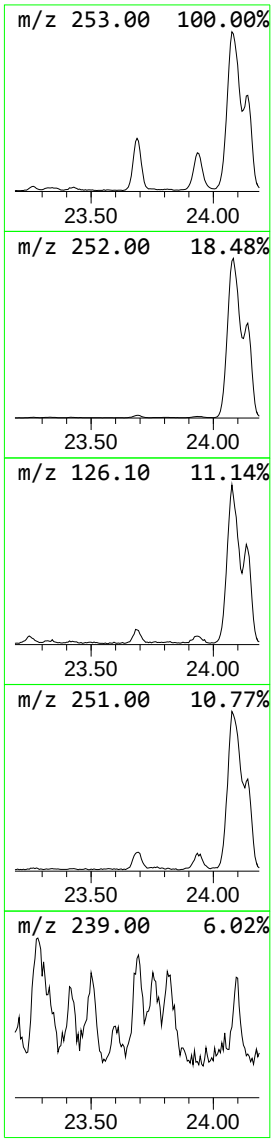
****

Peak Number 16 unknown23.688 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.688	6.81 ng	173460	Perylene-d12	25.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	45
2	Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	38
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	36
4	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	34
5	(+)-1-Methylcholanthrene	268	C21H16	1000126-56-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

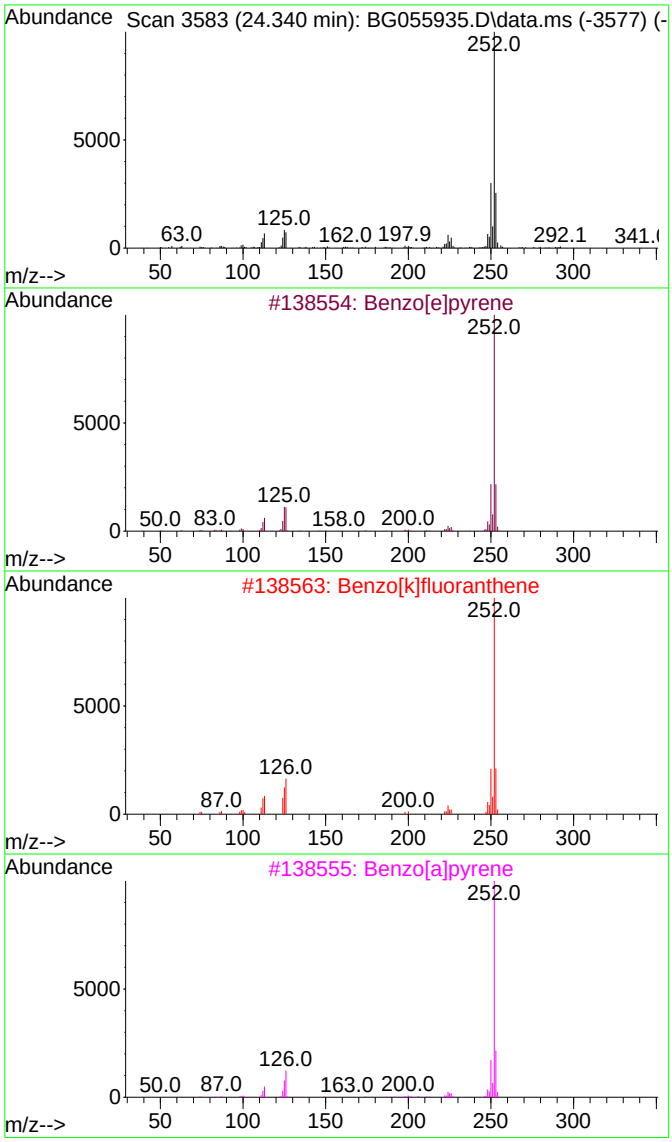
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

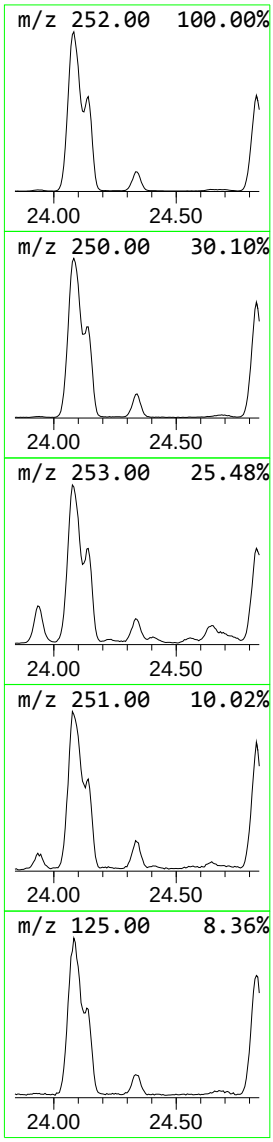
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.340	9.65 ng	245811	Perylene-d12	25.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

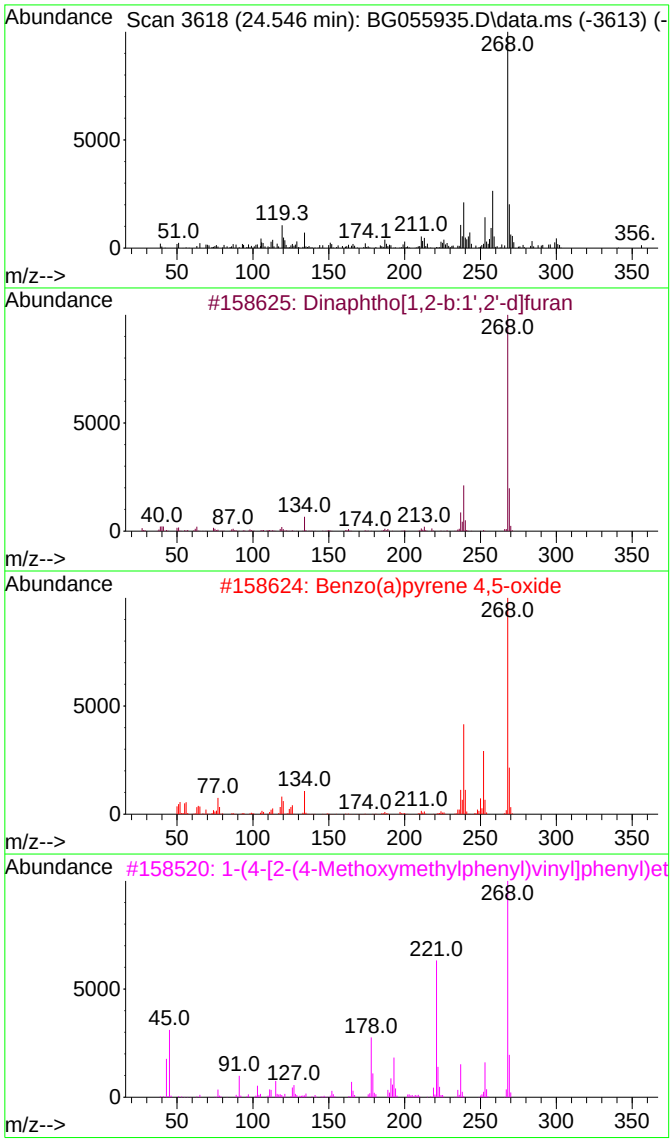
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

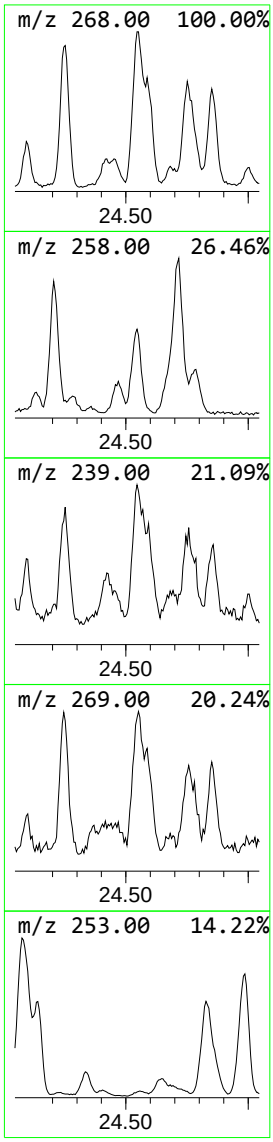
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.546	6.29 ng	160193	Perylene-d12	25.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
3	1-(4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	58
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
5	2.6-Dihydroxyanthraquinone, dime...	268	C16H12O4	000963-96-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

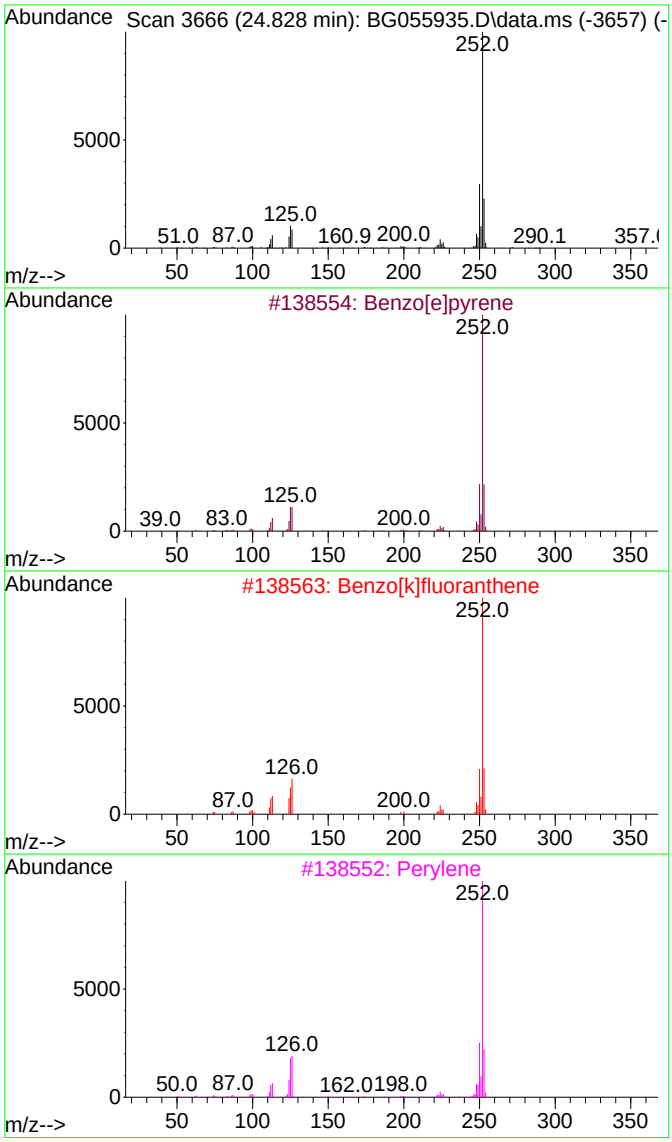
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

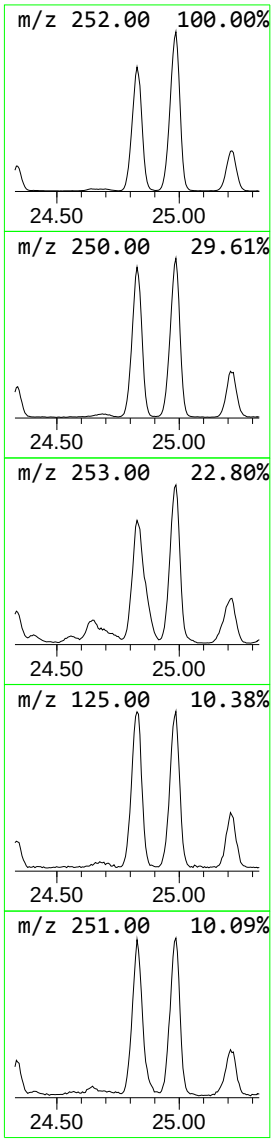
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.828	65.44 ng	1667050	Perylene-d12	25.133

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	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

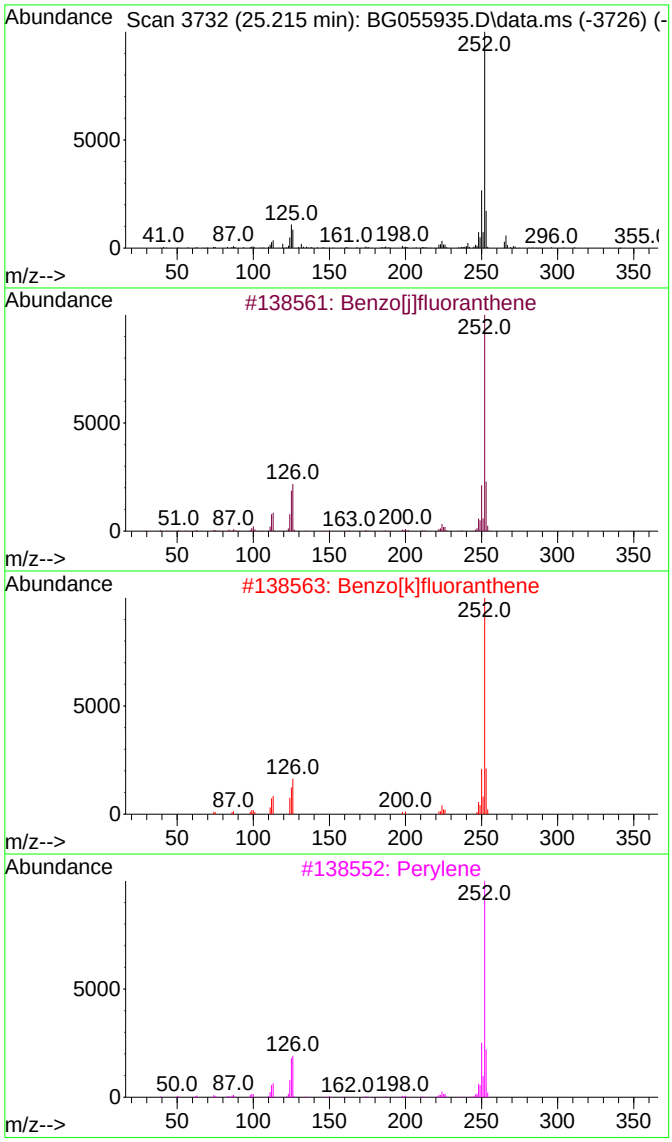
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

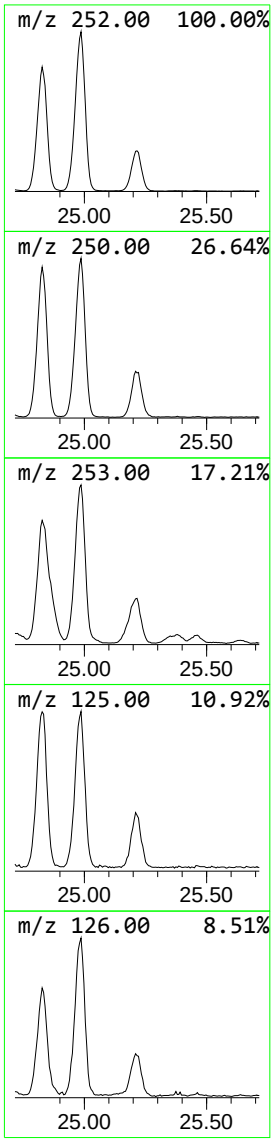
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.215	24.01 ng	611553	Perylene-d12	25.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055935.D
Acq On : 8 Dec 2022 20:08
Operator : CG/JU
Sample : N5942-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-120722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
Propylene Glycol	3.723	21.4	ng	193452	1	8.141	180471	20.0
2-Pentanone, 4-...	5.180	52.7	ng	475419	1	8.141	180471	20.0
Dibenzothiophene	17.336	5.1	ng	143346	4	17.519	557503	20.0
Acridine	17.707	11.9	ng	330283	4	17.519	557503	20.0
1H-Cyclopropa[l...	18.388	9.7	ng	271004	4	17.519	557503	20.0
Phenanthrene, 2...	18.435	13.3	ng	369584	4	17.519	557503	20.0
4H-Cyclopenta[d...	18.588	21.2	ng	590493	4	17.519	557503	20.0
Naphthalene, 2-...	18.882	8.4	ng	234604	4	17.519	557503	20.0
9,10-Anthracene...	18.935	24.6	ng	684626	4	17.519	557503	20.0
[14]Annulene, 1...	19.281	6.9	ng	192020	4	17.519	557503	20.0
10-Octadecenoic...	19.311	6.3	ng	176245	4	17.519	557503	20.0
Cyclopenta(def)...	19.446	7.9	ng	220656	4	17.519	557503	20.0
11H-Benzo[b]flu...	20.415	4.3	ng	697221	5	21.802	3240620	20.0
Benzo[b]naphtho...	21.367	4.4	ng	708763	5	21.802	3240620	20.0
Supraene	23.476	9.6	ng	245598	6	25.133	509502	20.0
unknown23.688	23.688	6.8	ng	173460	6	25.133	509502	20.0
Benzo[e]pyrene	24.340	9.7	ng	245811	6	25.133	509502	20.0
Dinaphtho[1,2-b...	24.546	6.3	ng	160193	6	25.133	509502	20.0
Perylene	24.828	65.4	ng	1667050	6	25.133	509502	20.0
Benzo[j]fluoran...	25.215	24.0	ng	611553	6	25.133	509502	20.0