LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.385	11	16	25	rBB	20713	28942	4.32%	0.406%
2	5.400	354	359	365	rBB	13792	19551	2.92%	0.274%
3	5.876	434	440	447	rBB	108725	167972	25.10%	2.356%
4	7.486	707	714	721	rBV	111921	190468	28.46%	2.671%
5	8.362	857	863	869	rBB	27160	44329	6.62%	0.622%
6	9.531	1055	1062	1069	rBB	68217	119993	17.93%	1.683%
7	11.194	1338	1345	1351	rBV	37252	65611	9.80%	0.920%
8	13.597	1747	1754	1760	rVB	240382	351667	52.54%	4.932%
9	14.966	1981	1987	1994	rVV	77064	120047	17.94%	1.683%
10	15.359	2048	2054	2060	rVB2	5802	9181	1.37%	0.129%
11	16.006	2158	2164	2171	rVB2	7188	11007	1.64%	0.154%
12	16.305	2208	2215	2220	rVB	51909	77021	11.51%	1.080%
13	16.446	2232	2239	2247	rVB	303035	461499	68.95%	6.472%
14	17.357	2388	2394	2401	rVB	9533	14674	2.19%	0.206%
15	17.422	2401	2405	2411	rBV2	4095	7285	1.09%	0.102%
16	17.522	2417	2422	2426	rBV	5792	8854	1.32%	0.124%
17	17.704	2446	2453	2456	rBV	114953	173389	25.91%	2.431%
18	17.745	2456	2460	2466	rVB	164950	248891	37.19%	3.490%
19	17.833	2471	2475	2481	rVV	19487	31299	4.68%	0.439%
20	18.097	2512	2520	2524	rBV2	13207	23021	3.44%	0.323%
21	18.215	2536	2540	2547	rBV4	3918	7217	1.08%	0.101%
22	18.550	2593	2597	2604	rBV2	42005	87019	13.00%	1.220%
23	18.620	2604	2609	2616	rVB	29960	47464	7.09%	0.666%
24	18.697	2618	2622	2627	rBV	6727	10473	1.56%	0.147%
25	18.767	2627	2634	2637	rBV3	23808	47132	7.04%	0.661%
26	18.796	2637	2639	2644	rVB	13667	17320	2.59%	0.243%
27	19.061	2679	2684	2687	rBV	21047	29860	4.46%	0.419%
28	19.096	2687	2690	2697	rVB	25162	35445	5.30%	0.497%
29	19.296	2720	2724	2729	rVB3	7232	9259	1.38%	0.130%
30	19.349	2729	2733	2736	rBV2	6142	7254	1.08%	0.102%
31	19.390	2736	2740	2745	rVB5	5238	7915	1.18%	0.111%
32	19.466	2748	2753	2758	rBV3	17923	30928	4.62%	0.434%
33	19.525	2760	2763	2767	rBV4	5881	12087	1.81%	0.169%
34	19.607	2773	2777	2784	rVB2	15126	24050	3.59%	0.337%
35	19.737	2793	2799	2804	rVB	285229	406224	60.69%	5.697%
36	19.801	2804	2810	2811	rBV4	5095	7501	1.12%	0.105%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.825	2811	2814	2819	rVB2	9767	14893	2.23%	0.209%
38	19.883	2819	2824	2827	rBV2	9889	16863	2.52%	0.236%
39	19.913	2827	2829	2834	rVB2	6312	8401	1.26%	0.118%
40	19.977	2834	2840	2847	rVB4	8229	18503	2.76%	0.259%
41	20.060	2847	2854	2856	rBV2	41056	66481	9.93%	0.932%
42	20.095	2856	2860	2866	rVB	240663	341921	51.08%	4.795%
43	20.160	2866	2871	2876	rVB2	16852	27367	4.09%	0.384%
44	20.277	2876	2891	2896	rBV	503386	669323	100.00%	9.386%
45	20.330	2896	2900	2905	rVB	13496	22010	3.29%	0.309%
46	20.418	2907	2915	2920	rBV2	20953	52478	7.84%	0.736%
47	20.577	2929	2942	2947	rVB2	33993	83894	12.53%	1.176%
48	20.677	2952	2959	2962	rBV	18897	28072	4.19%	0.394%
49	20.735	2962	2969	2973	rVV2	25989	46915	7.01%	0.658%
50	20.806	2978	2981	2984	rBV2	6379	9141	1.37%	0.128%
51	20.876	2989	2993	2996	rBV	17823	25822	3.86%	0.362%
52	20.923	2999	3001	3005	rVB3	14870	18293	2.73%	0.257%
53	21.182	3041	3045	3048	rVB5	6850	8900	1.33%	0.125%
54	21.311	3063	3067	3070	rBV6	5770	8095	1.21%	0.114%
55	21.364	3071	3076	3082	rVB	28508	47004	7.02%	0.659%
56	21.540	3101	3106	3107	rBV2	16942	24533	3.67%	0.344%
57	21.564	3107	3110	3112	rVV	25365	37740	5.64%	0.529%
58	21.599	3112	3116	3122	rVV3	42195	84400	12.61%	1.184%
59	21.658	3122	3126	3131	rVV2	24949	47774	7.14%	0.670%
60	21.717	3131	3136	3143	rVB2	27885	49429	7.38%	0.693%
61	21.863	3157	3161	3164	rVB3	7052	11758	1.76%	0.165%
62	21.940	3171	3174	3176	rBV2	7329	9269	1.38%	0.130%
63	21.993	3176	3183	3190	rVV4	169889	492680	73.61%	6.909%
64	22.057	3190	3194	3200	rVB	119123	207144	30.95%	2.905%
65	22.175	3210	3214	3217	rBV6	4336	7213	1.08%	0.101%
66	22.222	3218	3222	3229	rVB2	13099	19992	2.99%	0.280%
67	22.287	3229	3233	3238	rBV3	9950	20327	3.04%	0.285%
68	22.439	3253	3259	3266	rBV2	20420	44431	6.64%	0.623%
69	22.510	3266	3271	3275	rVV7	5768	11722	1.75%	0.164%
70	22.762	3311	3314	3315	rBV3	5966	7133	1.07%	0.100%
71	22.792	3315	3319	3323	rVV	21753	34704	5.18%	0.487%
72	22.868	3324	3332	3339	rVB5	18932	52443	7.84%	0.735%
73	23.080	3365	3368	3373	rBV3	9735	15936	2.38%	0.223%
74	23.238	3390	3395	3403	rVB4	11250	24270	3.63%	0.340%
75	23.362	3412	3416	3419	rBV6	4357	6791	1.01%	0.095%
76	23.591	3450	3455	3465	rVB6	8210	20643	3.08%	0.289%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.726	3472	3478	3481	rBV7	5634	12268	1.83%	0.172%
78	23.802	3486	3491	3497	rVB3	25475	55453	8.28%	0.778%
79	24.378	3580	3589	3598	rBV2	89296	335376	50.11%	4.703%
80	24.660	3631	3637	3649	rVB2	18115	50660	7.57%	0.710%
81	25.171	3716	3724	3738	rVB2	54665	184967	27.63%	2.594%
82	25.330	3738	3751	3765	rBV	78337	253585	37.89%	3.556%
83	25.495	3769	3779	3788	rBV2	75491	240318	35.90%	3.370%
84	26.764	3991	3995	4007	rVB2	8366	25053	3.74%	0.351%
85	28.256	4244	4249	4253	rBV8	4140	9171	1.37%	0.129%
86	29.507	4449	4462	4483	rVB4	36332	195756	29.25%	2.745%
87	30.753	4662	4674	4675	rBV	24324	61811	9.23%	0.867%

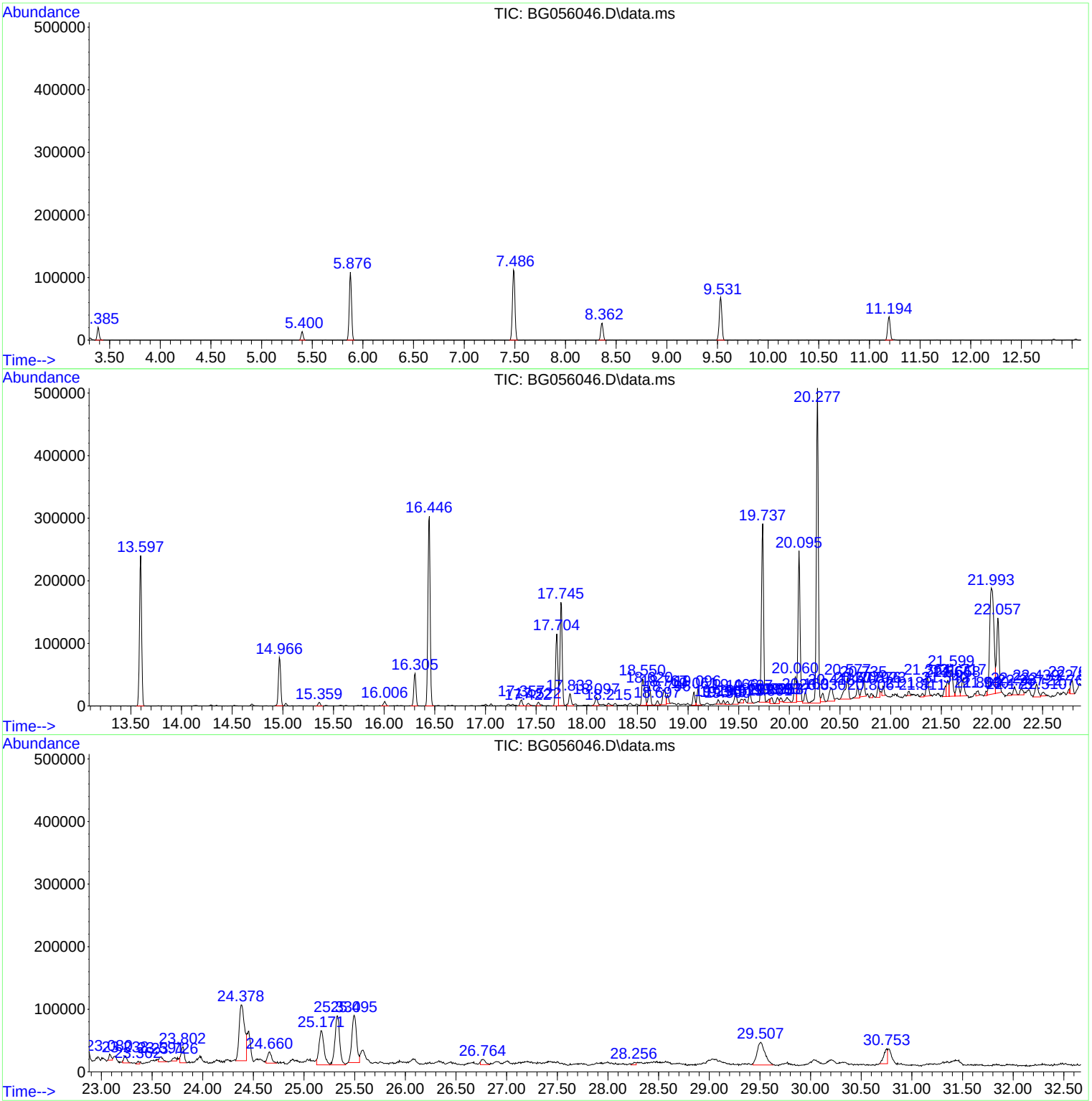
Sum of corrected areas: 7130975

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

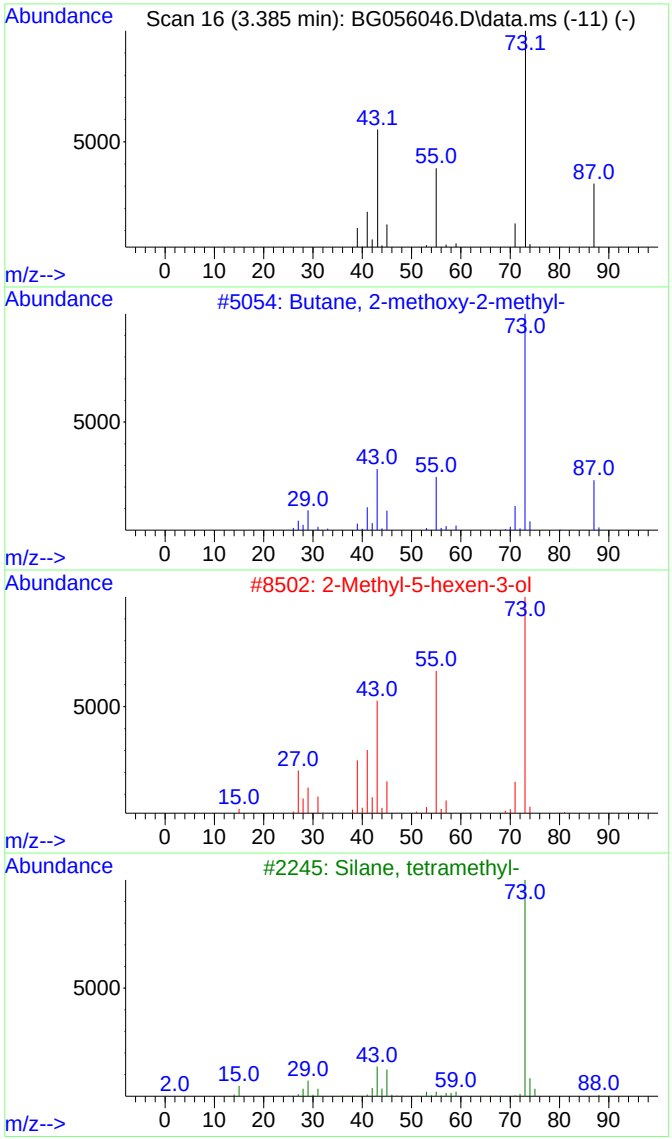
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

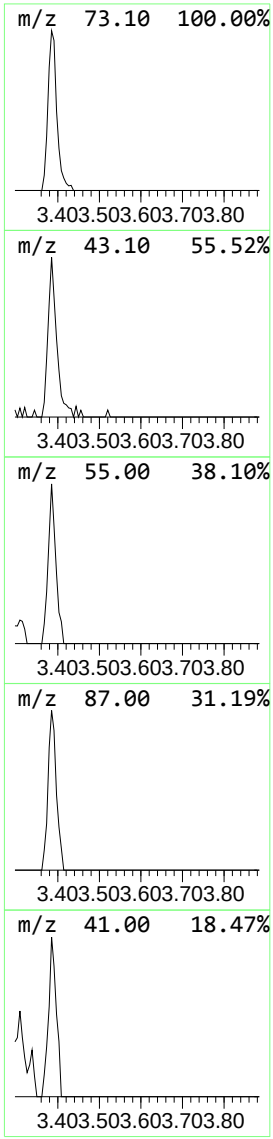
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.385	13.06 ng	28942	1,4-Dichlorobenzene-d4	8.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

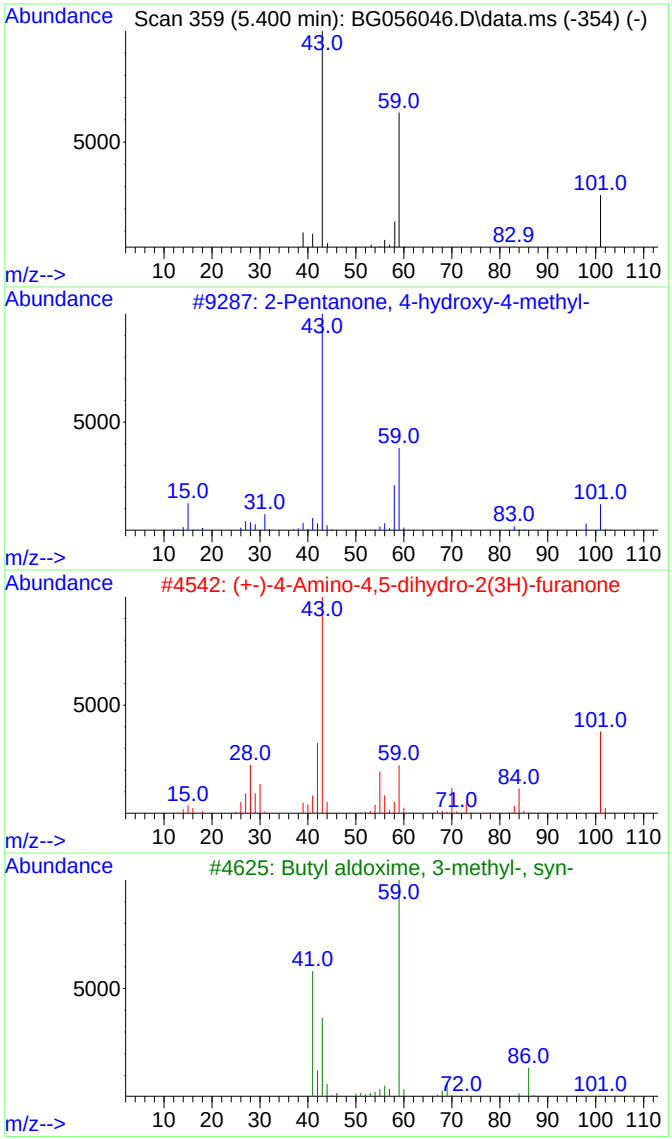
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

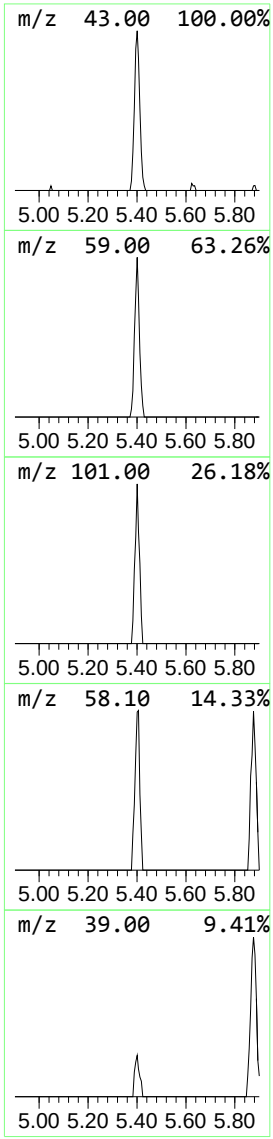
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	8.82 ng	19551	1,4-Dichlorobenzene-d4	8.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

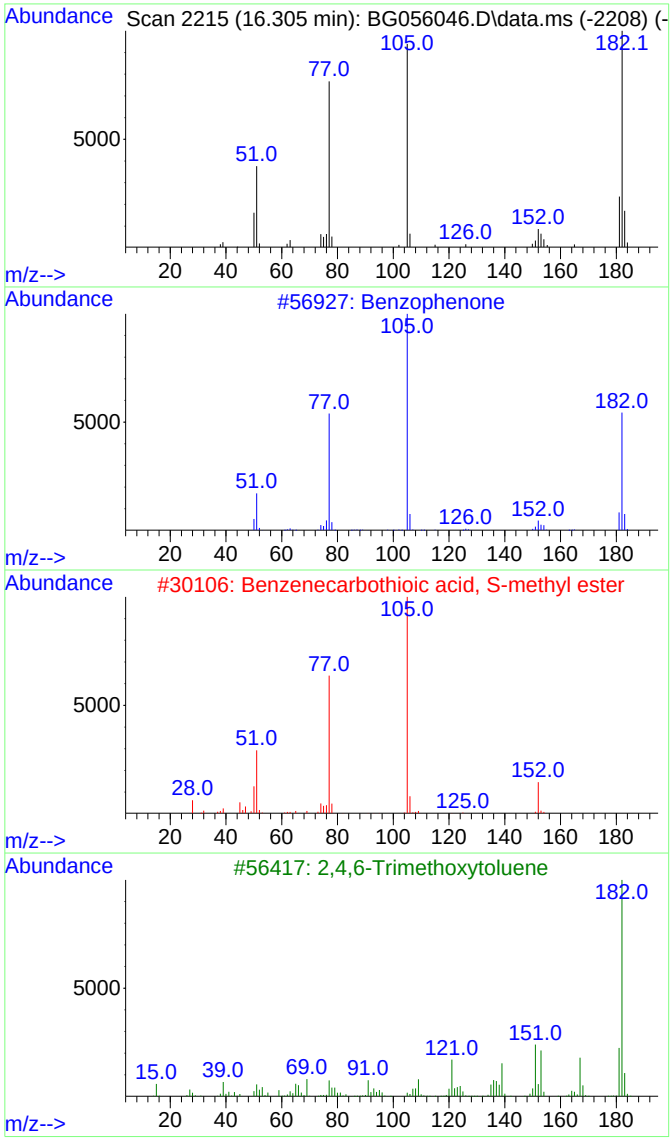
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

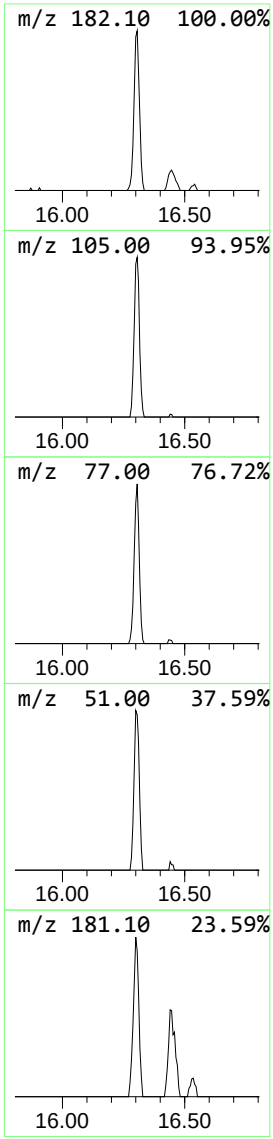
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.305	12.83 ng	77021	Acenaphthene-d10	14.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	45
3	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	38
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

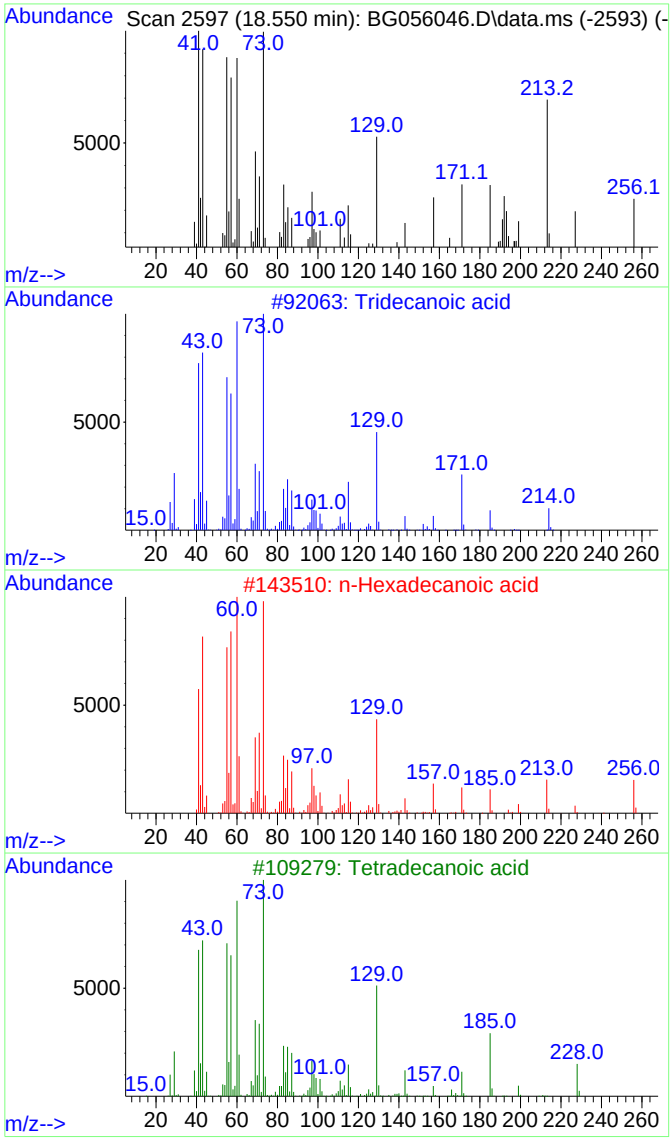
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

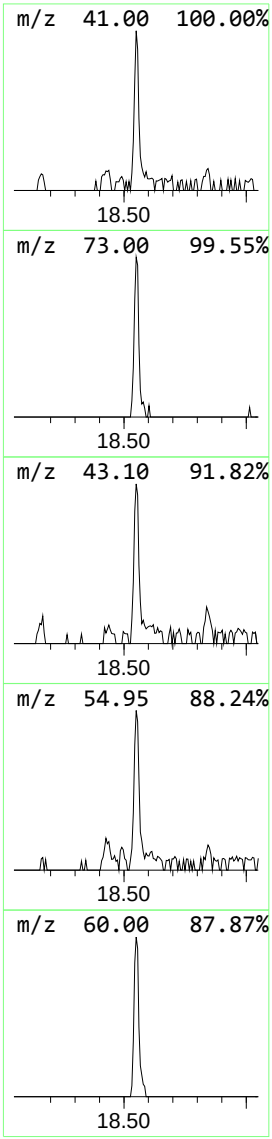
****

Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	10.04 ng	87019	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

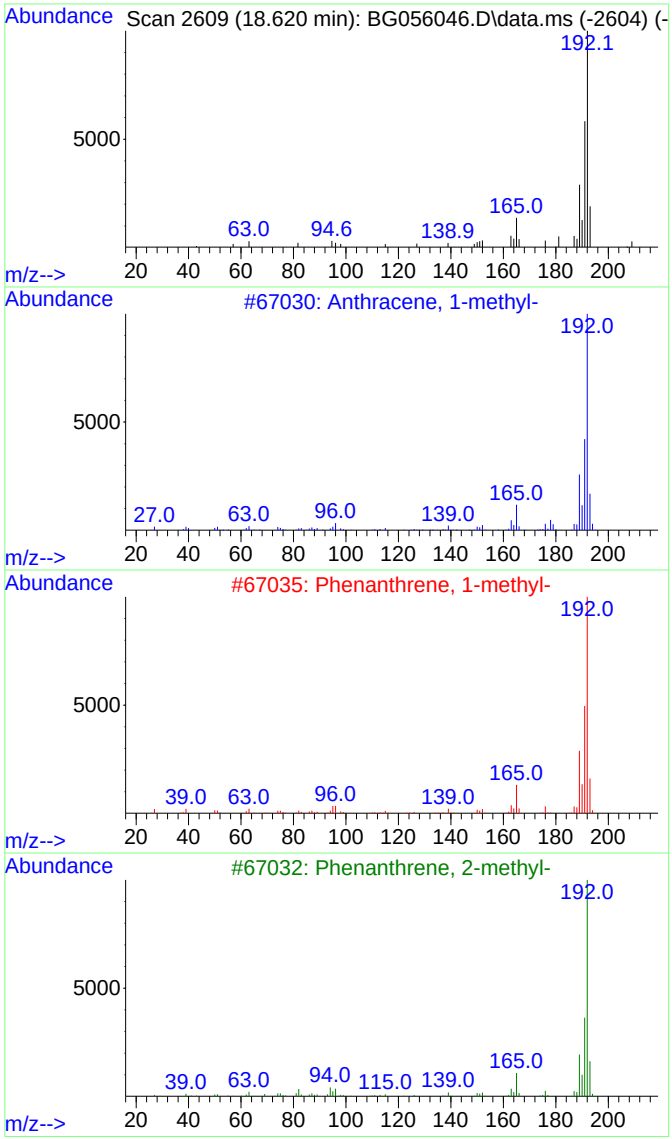
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

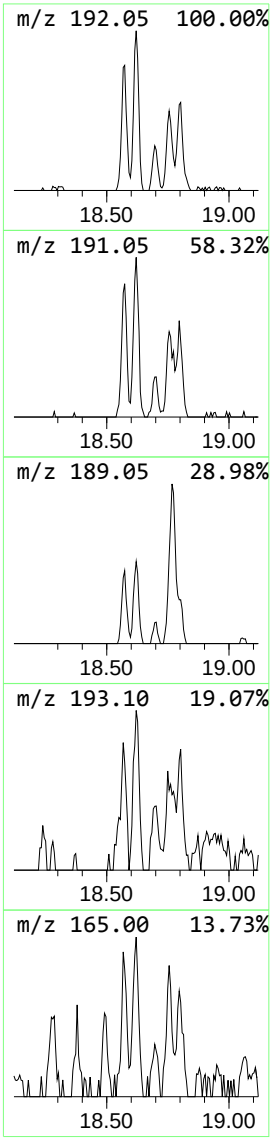
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.620	5.47 ng	47464	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

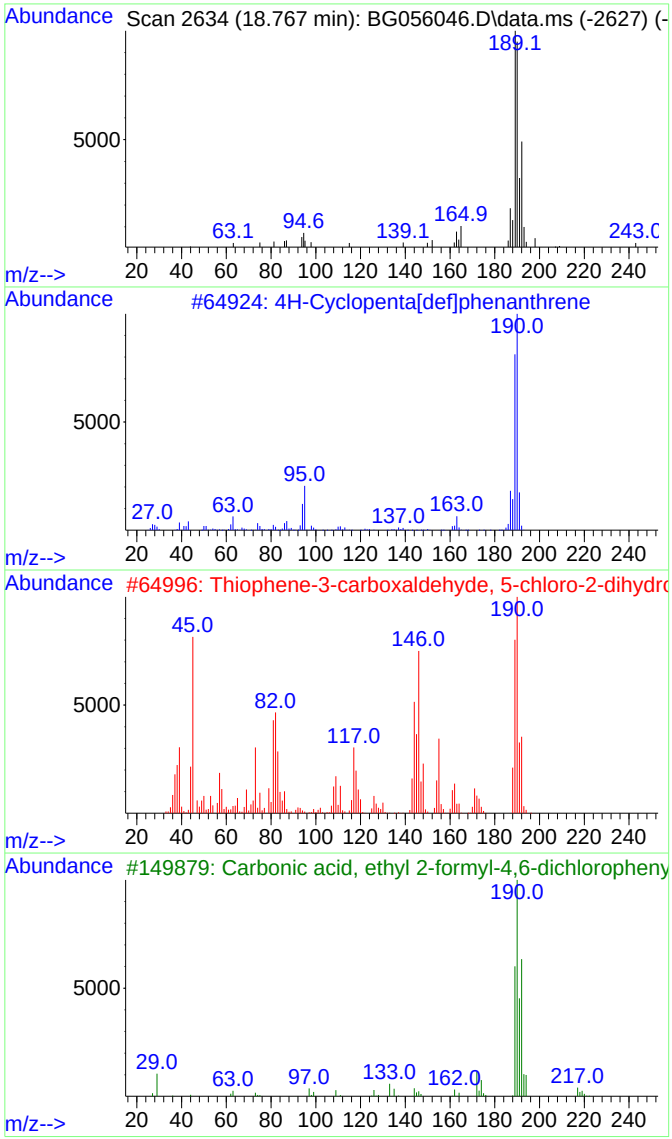
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

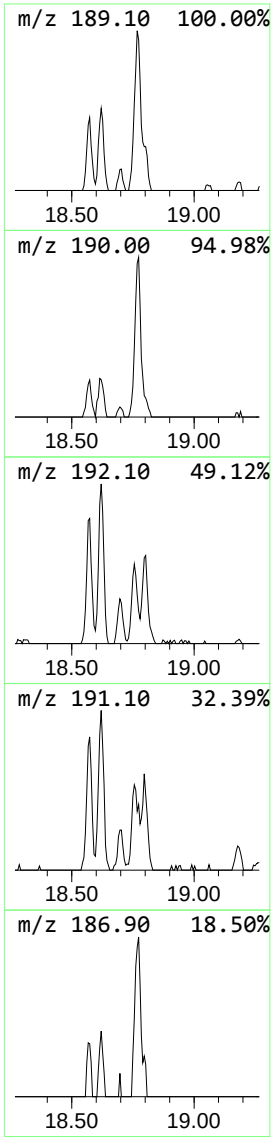
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.767	5.44 ng	47132	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-42-(0-2)

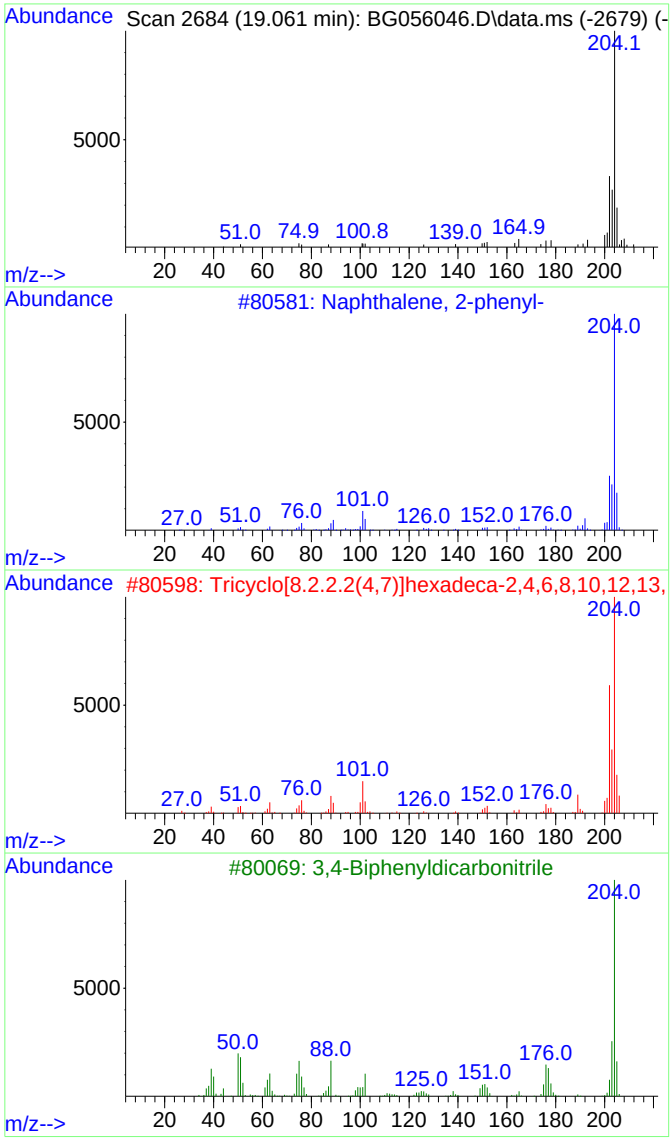
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

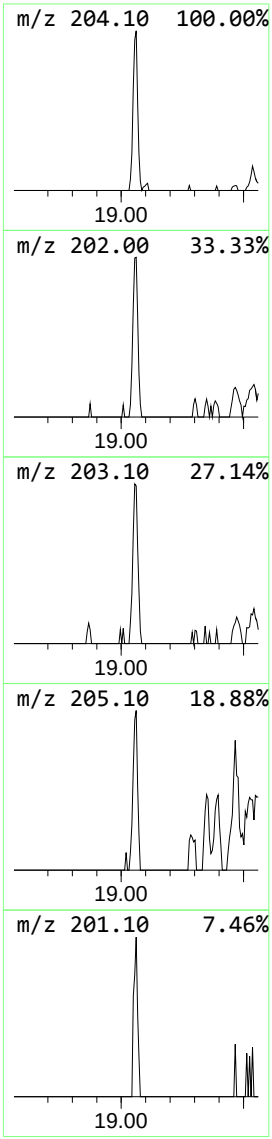
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.061	3.44 ng	29860	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	59
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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Sample : N6038-26
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

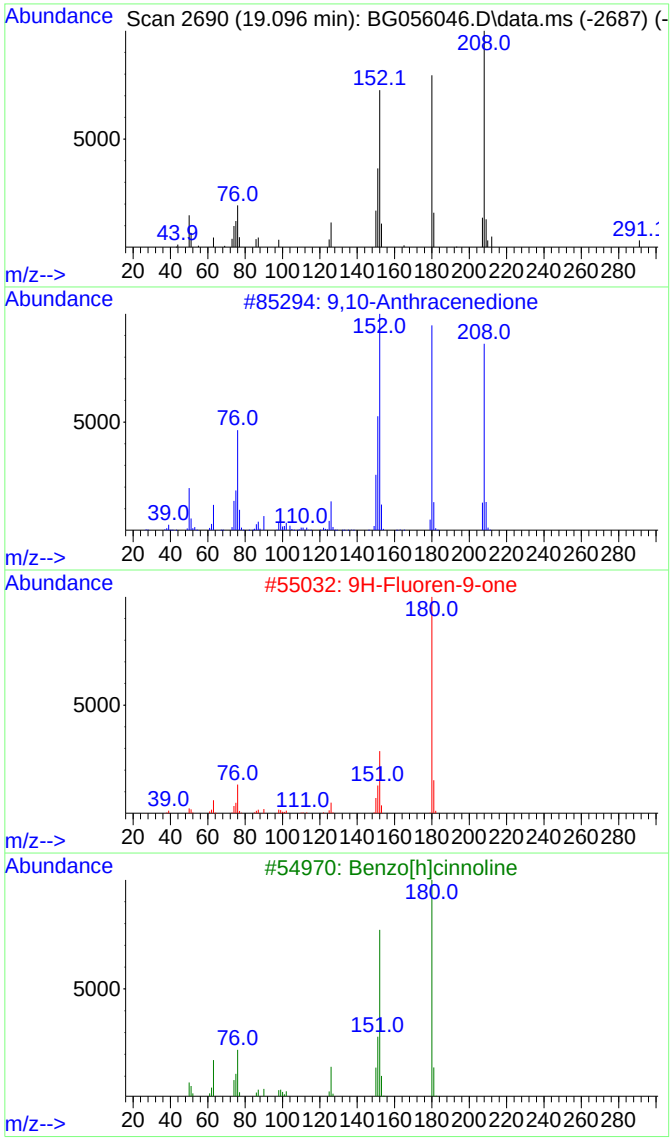
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

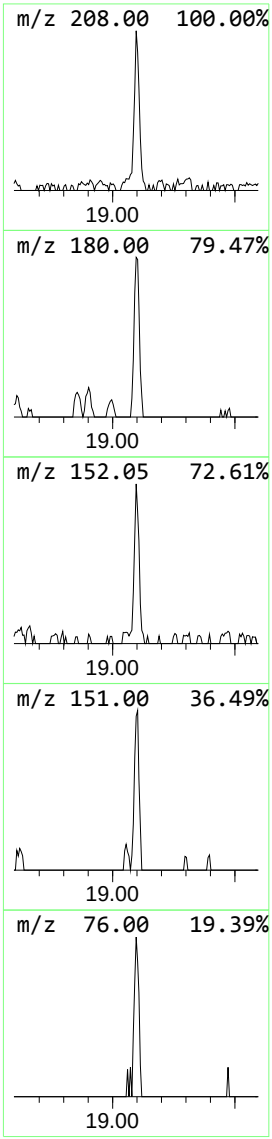
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.096	4.09 ng	35445	Phenanthrene-d10	17.704

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	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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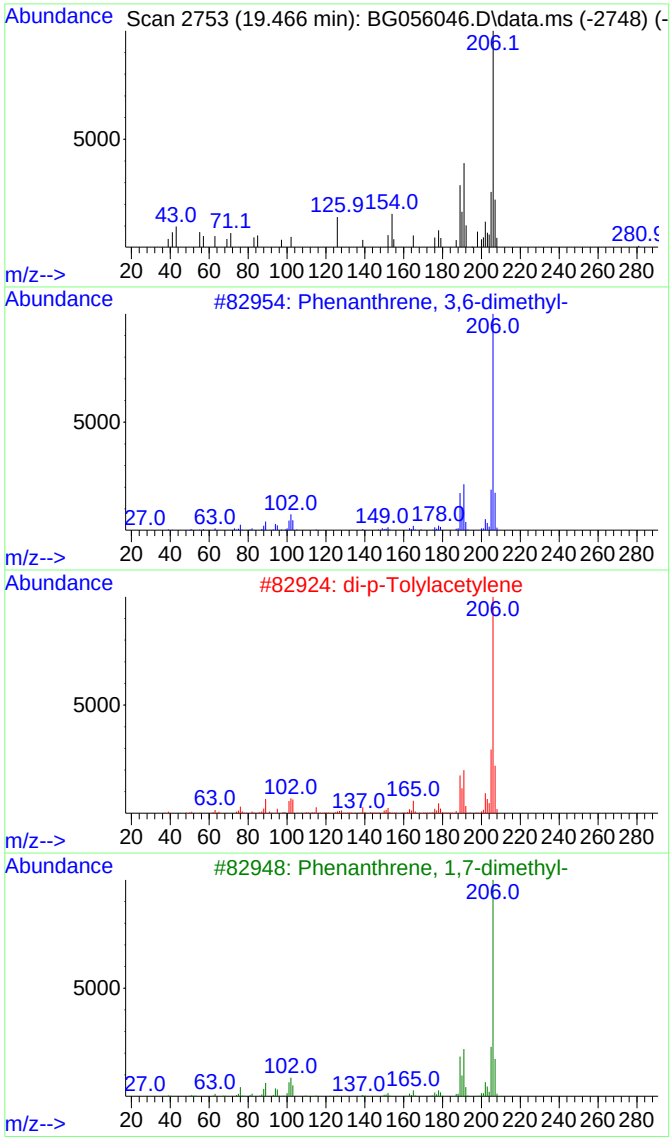
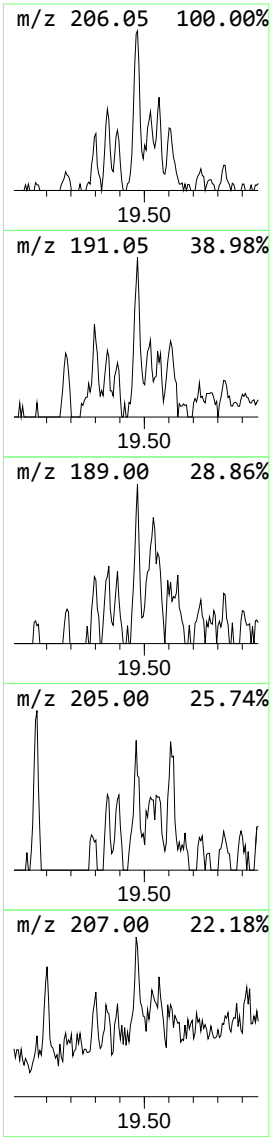
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	3.57 ng	30928	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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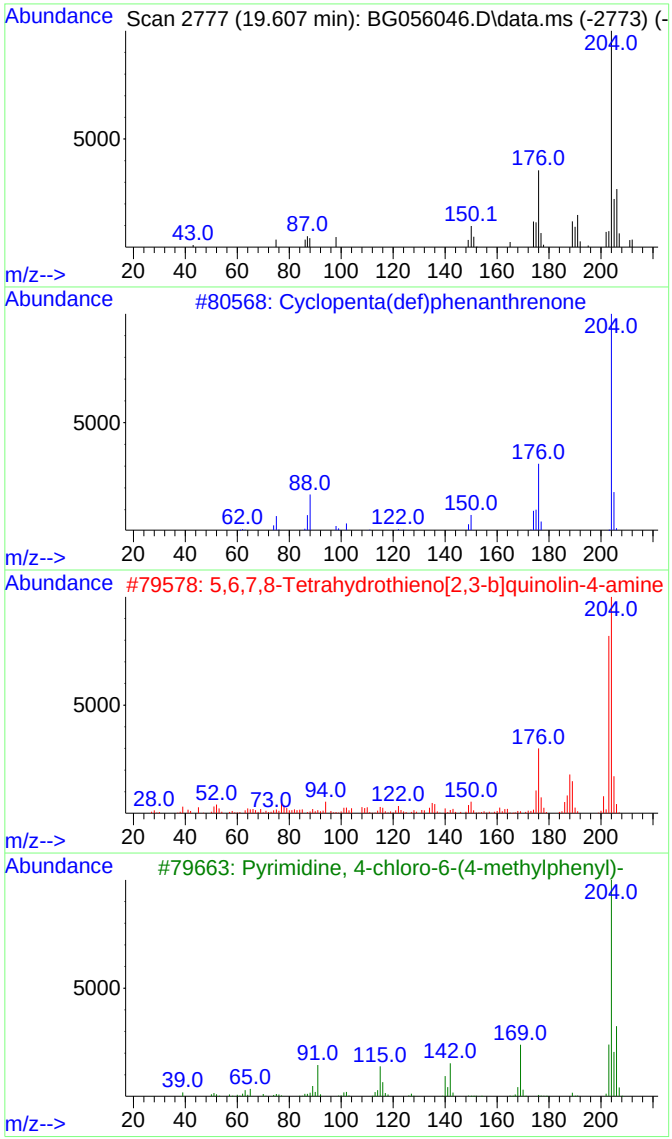
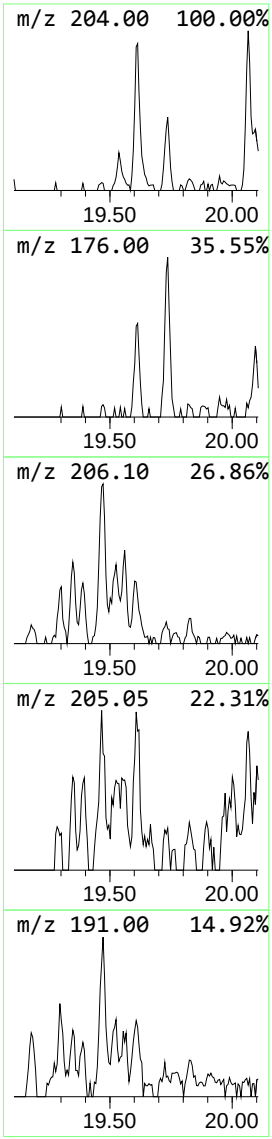
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.607	2.77 ng	24050	Phenanthrene-d10	17.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	58
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
4	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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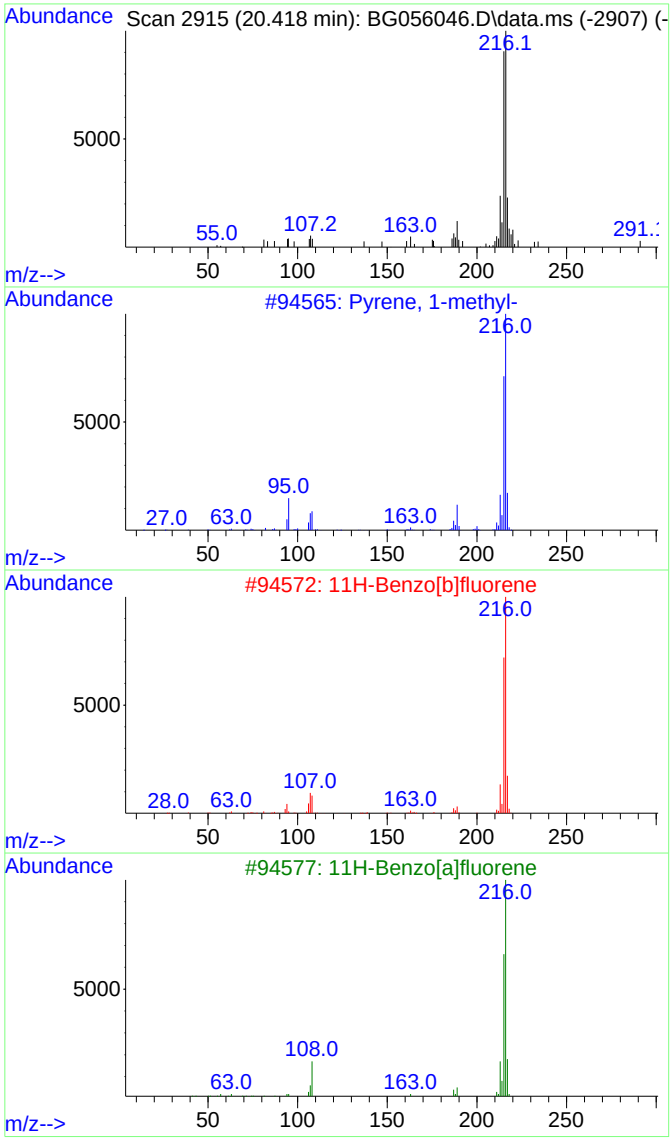
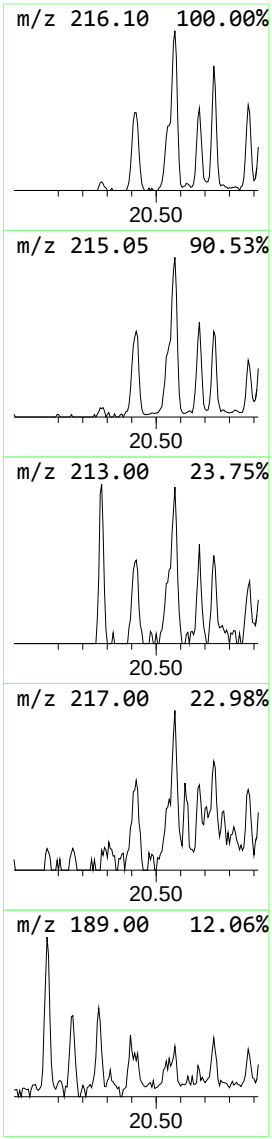
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.418	2.13 ng	52478	Chrysene-d12	22.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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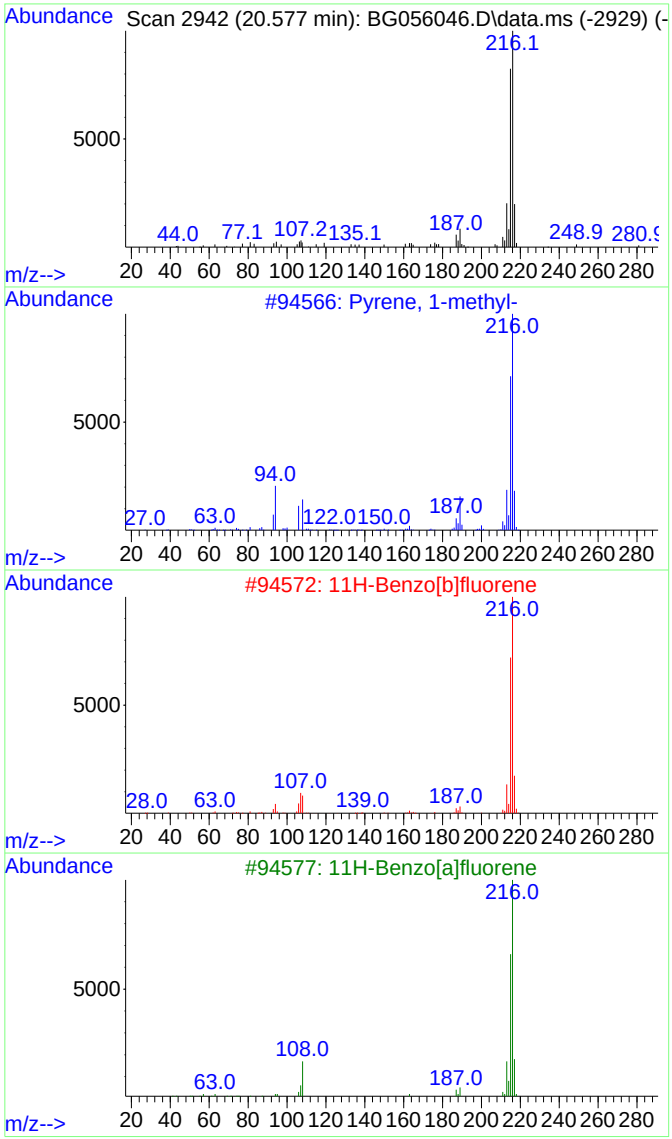
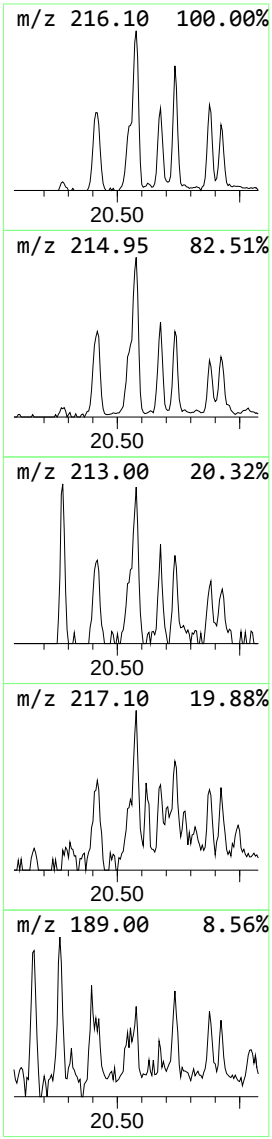
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.577	3.41 ng	83894	Chrysene-d12	22.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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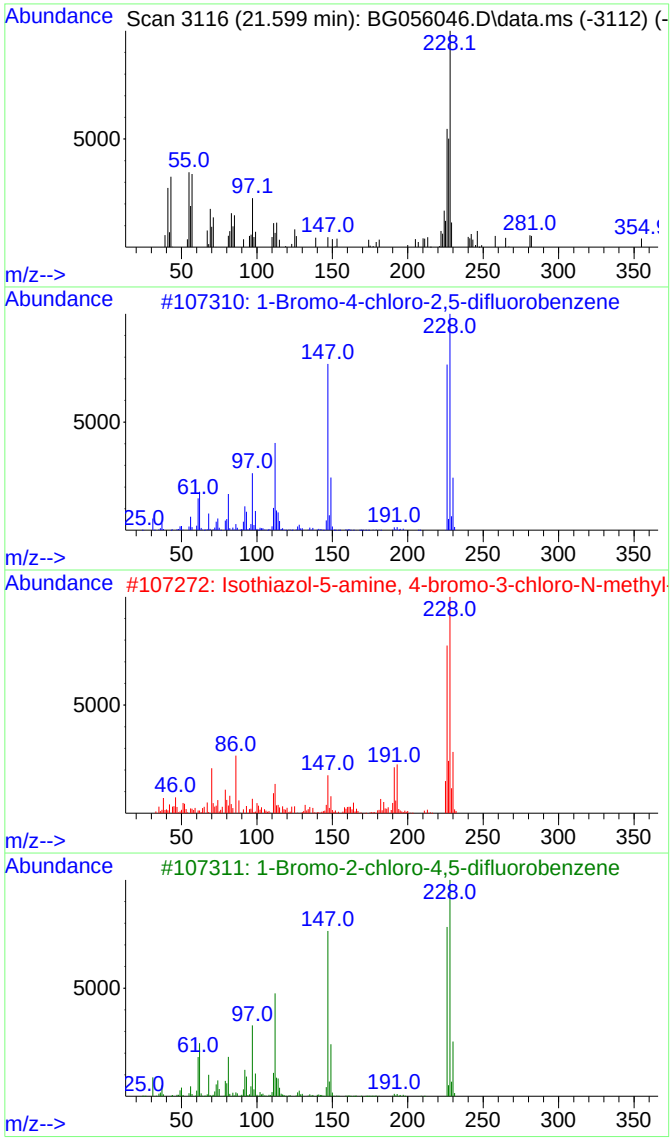
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

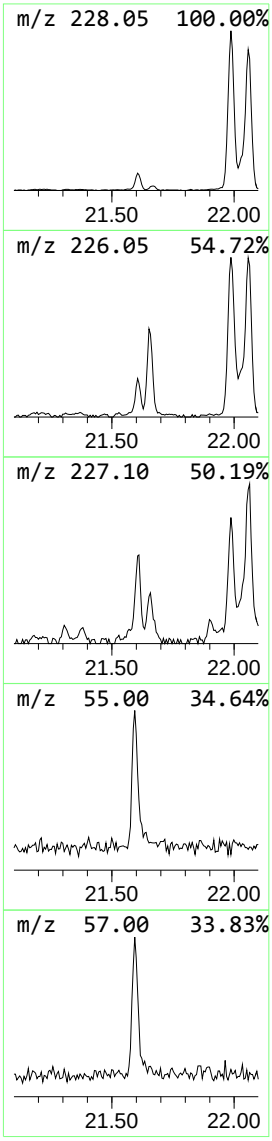
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Bromo-4-chloro-2,5-difluo... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.599	3.43 ng	84400	Chrysene-d12	22.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	52
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
3	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	40
4	3-Bromocinnamic acid	226	C9H7BrO2	032862-97-8	37
5	5-Methoxy-3-(1,2,3,6-tetrahydrop...	228	C14H16N2O	066611-26-5	37





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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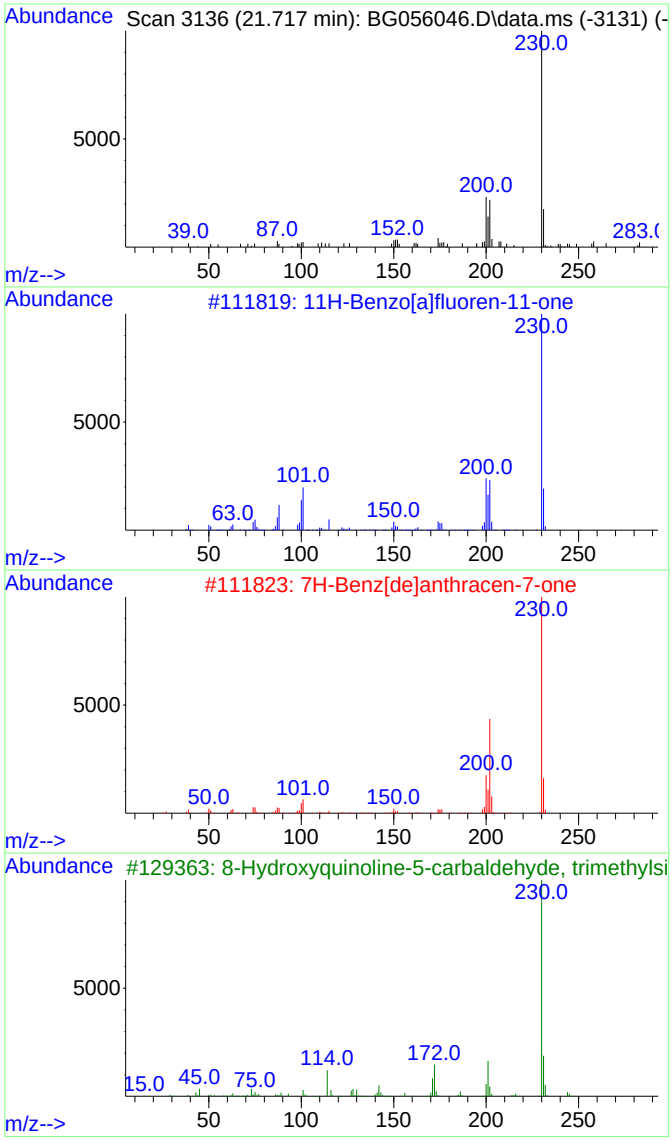
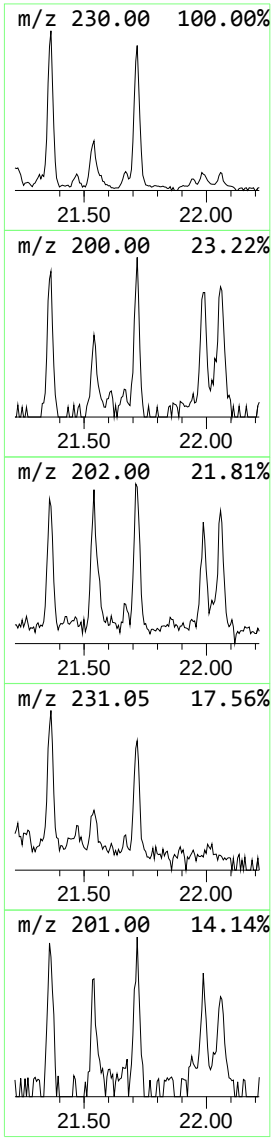
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.717	2.01 ng	49429	Chrysene-d12	22.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	59
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53
5	m-Terphenyl	230	C18H14	000092-06-8	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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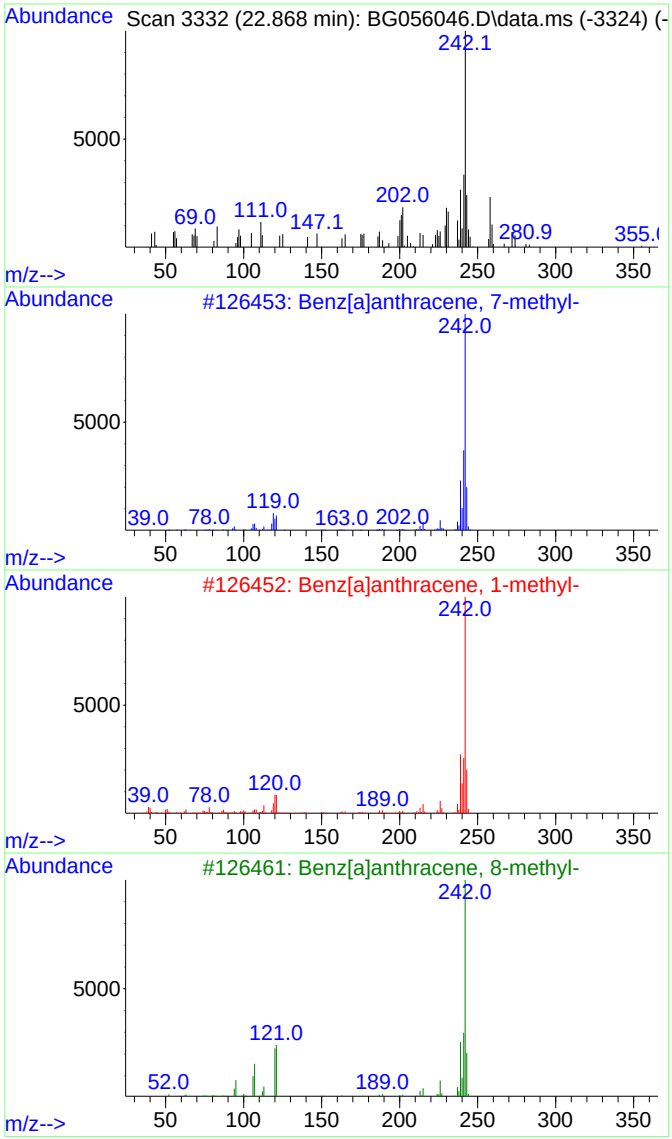
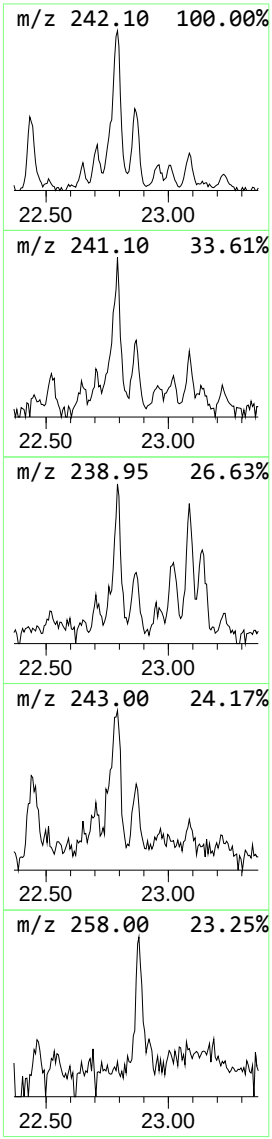
Peak Number 15 unknown22.868 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.868	2.13 ng	52443	Chrysene-d12	22.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	49
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	49
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	49
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	49
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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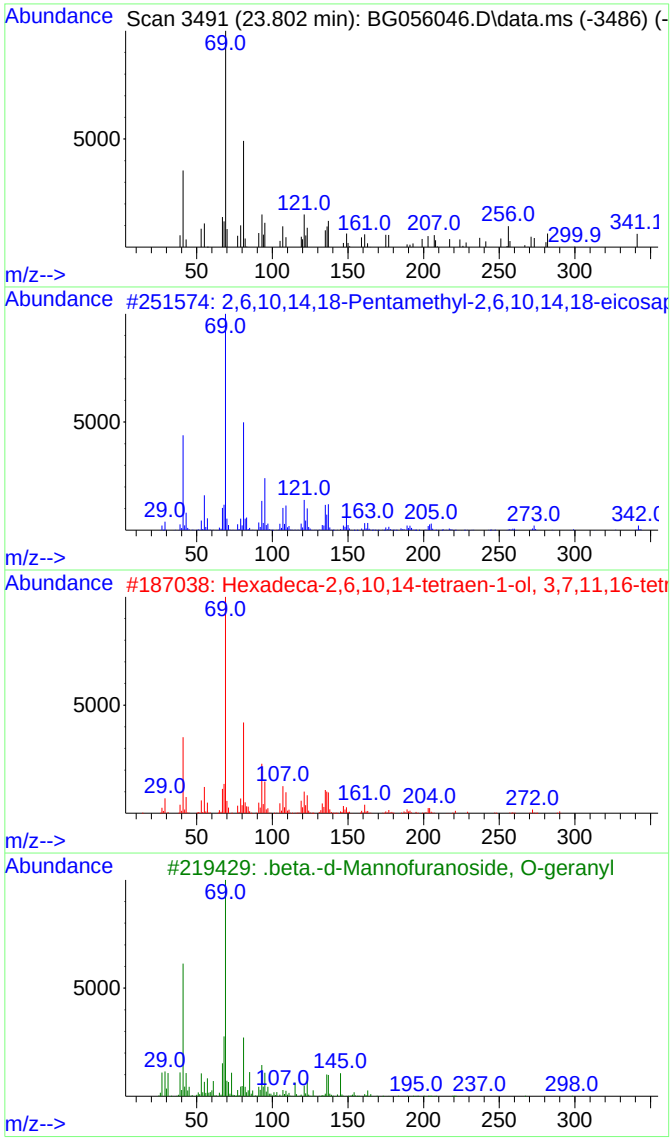
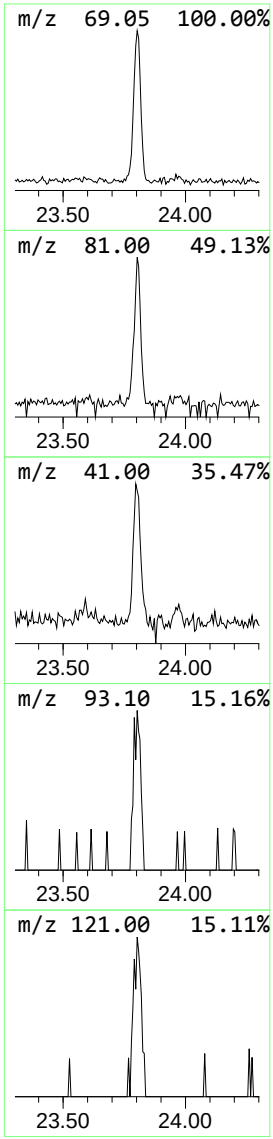
Peak Number 16 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.802	4.61 ng	55453	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	58
2	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	58
3	.beta.-d-Mannofuranoside, O-geranyl	316	C16H28O6	1000154-77-2	53
4	Supraene	410	C30H50	007683-64-9	53
5	3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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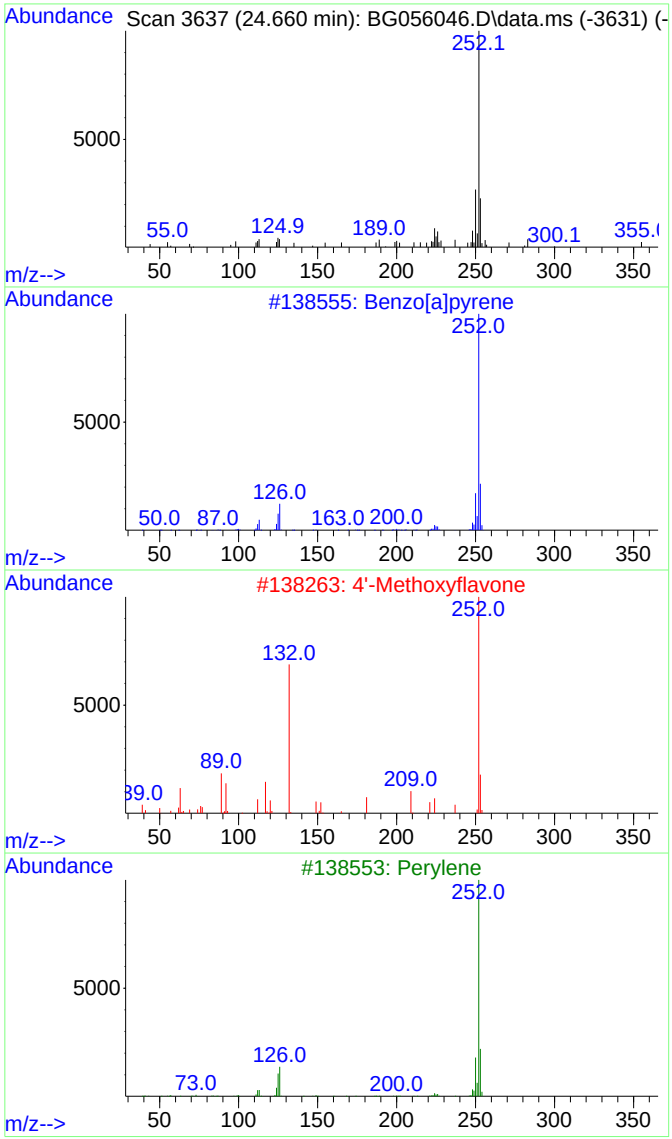
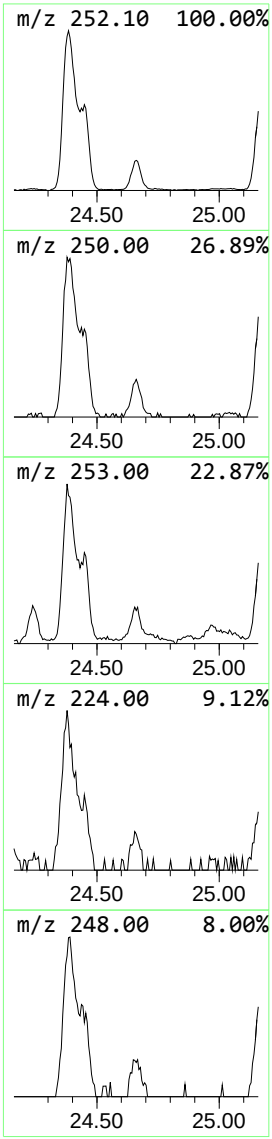
Peak Number 17 4'-Methoxyflavone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.660	4.22 ng	50660	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	68
2	4'-Methoxyflavone	252	C16H12O3	004143-74-2	64
3	Perylene	252	C20H12	000198-55-0	58
4	1-(O-Hydroxyphenyl)-3-(p-methoxy...	252	C16H12O3	101278-20-0	53
5	Benzo[e]pyrene	252	C20H12	000192-97-2	53





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Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

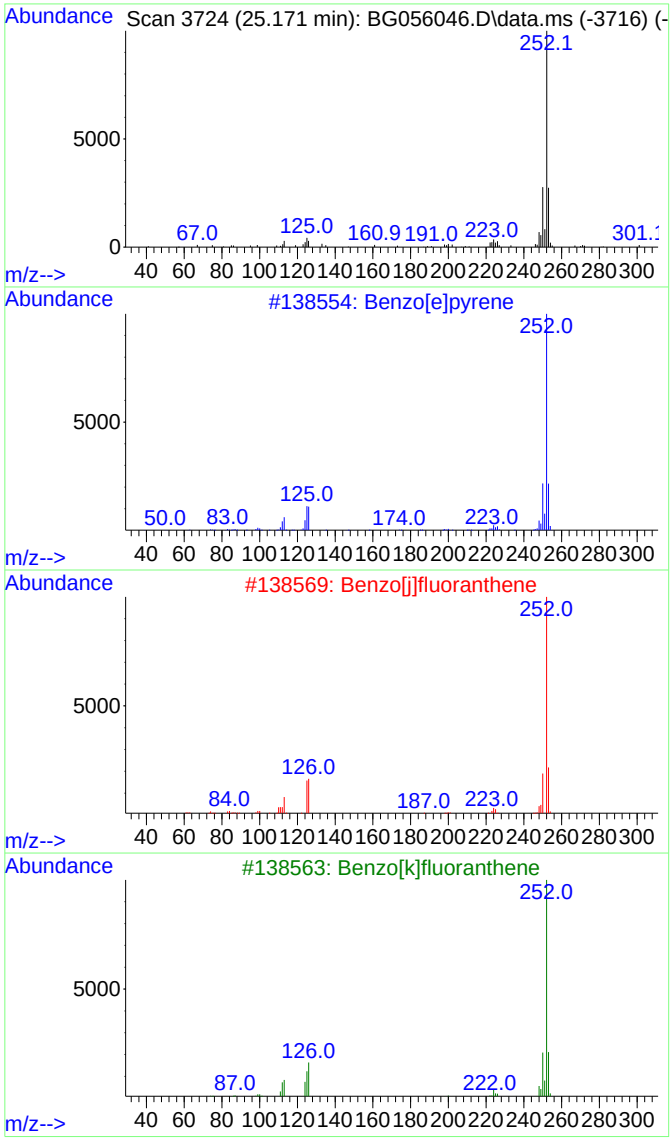
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

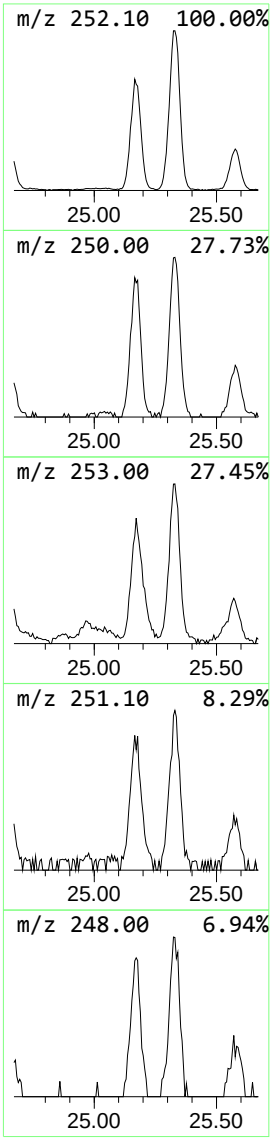
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.171	15.39 ng	184967	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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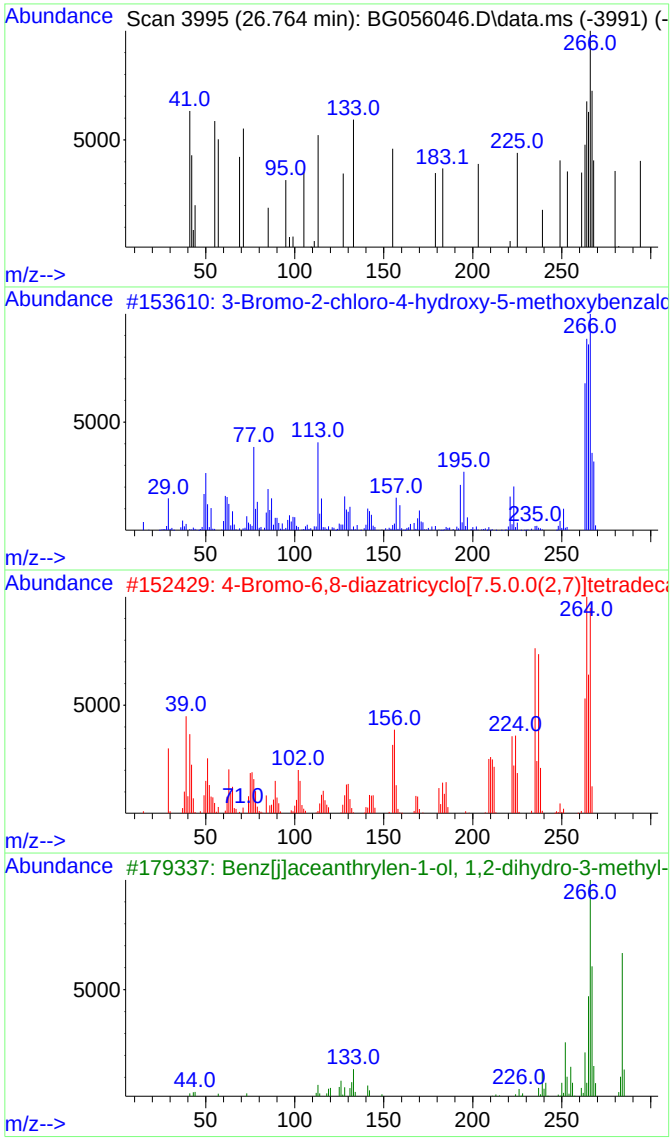
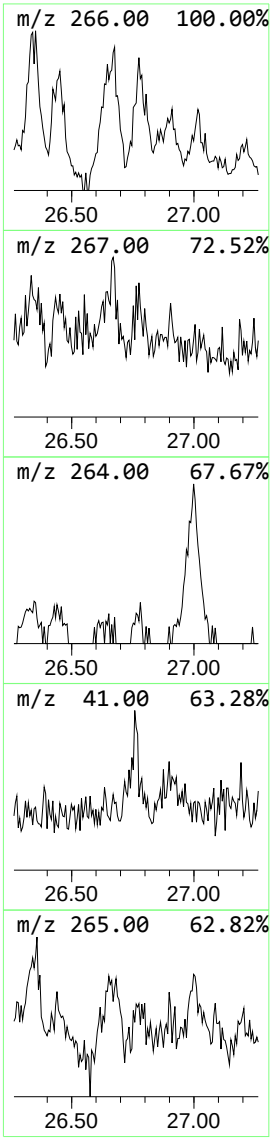
Peak Number 19 unknown26.764 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.764	2.08 ng	25053	Perylene-d12	25.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-2-chloro-4-hydroxy-5-met...	264	C8H6BrClO3	075024-38-3	49
2	4-Bromo-6,8-diazatricyclo[7.5.0....	264	C12H13BrN2	1000436-85-3	38
3	Benz[j]aceanthrylen-1-ol, 1,2-di...	284	C21H16O	003342-98-1	27
4	Imidazole-5-methanol, 2-ethyl-1-...	266	C17H18N2O	309731-07-5	27
5	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056046.D
Acq On : 21 Dec 2022 13:17
Operator : CG/JU
Sample : N6038-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-42-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
Butane, 2-metho...	3.385	13.1	ng	28942	1	8.356	44329	20.0
2-Pentanone, 4-...	5.400	8.8	ng	19551	1	8.356	44329	20.0
Benzophenone	16.305	12.8	ng	77021	3	14.966	120047	20.0
Tridecanoic acid	18.550	10.0	ng	87019	4	17.704	173389	20.0
Anthracene, 1-m...	18.620	5.5	ng	47464	4	17.704	173389	20.0
4H-Cyclopenta[d...	18.767	5.4	ng	47132	4	17.704	173389	20.0
Naphthalene, 2-...	19.061	3.4	ng	29860	4	17.704	173389	20.0
9,10-Anthracene...	19.096	4.1	ng	35445	4	17.704	173389	20.0
Phenanthrene, 3...	19.466	3.6	ng	30928	4	17.704	173389	20.0
Cyclopenta(def)...	19.607	2.8	ng	24050	4	17.704	173389	20.0
Pyrene, 1-methyl-	20.418	2.1	ng	52478	5	22.010	492680	20.0
11H-Benzo[b]flu...	20.577	3.4	ng	83894	5	22.010	492680	20.0
1-Bromo-4-chlor...	21.599	3.4	ng	84400	5	22.010	492680	20.0
11H-Benzo[a]flu...	21.717	2.0	ng	49429	5	22.010	492680	20.0
unknown22.868	22.868	2.1	ng	52443	5	22.010	492680	20.0
2,6,10,14,18-Pe...	23.802	4.6	ng	55453	6	25.494	240318	20.0
4'-Methoxyflavone	24.660	4.2	ng	50660	6	25.494	240318	20.0
Benzo[e]pyrene	25.171	15.4	ng	184967	6	25.494	240318	20.0
unknown26.764	26.764	2.1	ng	25053	6	25.494	240318	20.0