LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-093022

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	12	16	27	rVB	66723	108719	13.14%	1.282%
2	4.774	248	253	259	rBV	9644	15231	1.84%	0.180%
3	5.391	350	358	366	rBV	161653	245896	29.73%	2.898%
4	5.861	432	438	445	rBV	112841	178549	21.59%	2.105%
5	6.495	541	546	553	rVB	9331	14697	1.78%	0.173%
6	7.465	705	711	724	rVB	117304	200084	24.19%	2.358%
7	8.340	852	860	867	rBV	130085	217826	26.33%	2.568%
8	9.510	1052	1059	1067	rBV2	64086	111235	13.45%	1.311%
9	11.172	1335	1342	1349	rBV	176168	324783	39.27%	3.828%
10	13.575	1744	1751	1758	rBV	199813	300581	36.34%	3.543%
11	14.680	1934	1939	1947	rBV3	3990	9425	1.14%	0.111%
12	14.950	1972	1985	1991	rBV	277772	453288	54.80%	5.343%
13	15.009	1991	1995	2001	rVB2	10955	16583	2.00%	0.195%
14	15.338	2043	2051	2055	rBV2	9035	15107	1.83%	0.178%
15	15.984	2156	2161	2168	rBV2	15620	23860	2.88%	0.281%
16	16.419	2229	2235	2244	rVB	121700	186827	22.59%	2.202%
17	16.648	2271	2274	2279	rVB5	7048	9781	1.18%	0.115%
18	16.983	2325	2331	2335	rVB6	4620	8566	1.04%	0.101%
19	17.330	2386	2390	2395	rVB4	5171	8441	1.02%	0.099%
20	17.412	2399	2404	2409	rVV4	5991	10059	1.22%	0.119%
21	17.500	2416	2419	2424	rVB	8747	12213	1.48%	0.144%
22	17.682	2442	2450	2454	rBV	339667	520611	62.94%	6.137%
23	17.723	2454	2457	2463	rVV	134414	186157	22.51%	2.194%
24	17.812	2466	2472	2477	rVV	33118	52361	6.33%	0.617%
25	17.870	2477	2482	2486	rVB4	3684	8599	1.04%	0.101%
26	18.070	2512	2516	2521	rBV2	8231	14554	1.76%	0.172%
27	18.264	2544	2549	2552	rVV2	5578	9804	1.19%	0.116%
28	18.323	2553	2559	2566	rVB	297565	415595	50.24%	4.899%
29	18.405	2566	2573	2578	rBV6	5919	12363	1.49%	0.146%
30	18.546	2590	2597	2601	rBV2	35678	67576	8.17%	0.797%
31	18.599	2601	2606	2612	rVB	37974	60576	7.32%	0.714%
32	18.675	2614	2619	2624	rBV2	12959	21842	2.64%	0.257%
33	18.740	2624	2630	2634	rBV2	35845	74823	9.05%	0.882%
34	18.775	2634	2636	2642	rVB	20801	28588	3.46%	0.337%
35	19.034	2675	2680	2683	rBV	20955	31002	3.75%	0.365%
36	19.075	2684	2687	2696	rVB8	12098	22113	2.67%	0.261%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.280	2718	2722	2727	rVB4	11164	13845	1.67%	0.163%
38	19.327	2727	2730	2733	rBV	12648	15223	1.84%	0.179%
39	19.363	2733	2736	2740	rVB2	10885	13956	1.69%	0.165%
40	19.427	2742	2747	2755	rBV2	264201	353785	42.77%	4.170%
41	19.504	2755	2760	2764	rBV4	14565	29042	3.51%	0.342%
42	19.586	2769	2774	2778	rBV2	24704	40059	4.84%	0.472%
43	19.709	2789	2795	2801	rBV	314504	447044	54.05%	5.269%
44	19.762	2801	2804	2806	rVV3	11193	14666	1.77%	0.173%
45	19.792	2807	2809	2815	rVB5	19184	29350	3.55%	0.346%
46	19.950	2834	2836	2843	rVB4	14668	24260	2.93%	0.286%
47	20.033	2845	2850	2852	rBV	48364	74640	9.02%	0.880%
48	20.068	2852	2856	2863	rVV	297567	441831	53.42%	5.208%
49	20.138	2863	2868	2872	rVB3	24550	40530	4.90%	0.478%
50	20.256	2882	2888	2893	rBV	327670	426194	51.53%	5.024%
51	20.385	2903	2910	2916	rBV4	33603	91969	11.12%	1.084%
52	20.550	2935	2938	2942	rVB	52228	71929	8.70%	0.848%
53	20.649	2953	2955	2959	rVB	22355	23704	2.87%	0.279%
54	20.714	2959	2966	2969	rBV2	38660	63937	7.73%	0.754%
55	20.849	2986	2989	2994	rBV	30871	51202	6.19%	0.604%
56	20.902	2995	2998	3001	rVV2	20468	24293	2.94%	0.286%
57	21.337	3069	3072	3077	rVB	26076	41649	5.04%	0.491%
58	21.584	3110	3114	3117	rVB2	29093	38122	4.61%	0.449%
59	21.684	3127	3131	3136	rBV2	21829	34027	4.11%	0.401%
60	21.971	3172	3180	3186	rBV2	328157	827140	100.00%	9.750%
61	22.024	3186	3189	3203	rVB	126251	238476	28.83%	2.811%
62	24.333	3575	3582	3590	rBV	82584	288366	34.86%	3.399%
63	25.268	3736	3741	3754	rVB	73701	196889	23.80%	2.321%
64	25.438	3761	3770	3780	rBV2	170700	529196	63.98%	6.238%

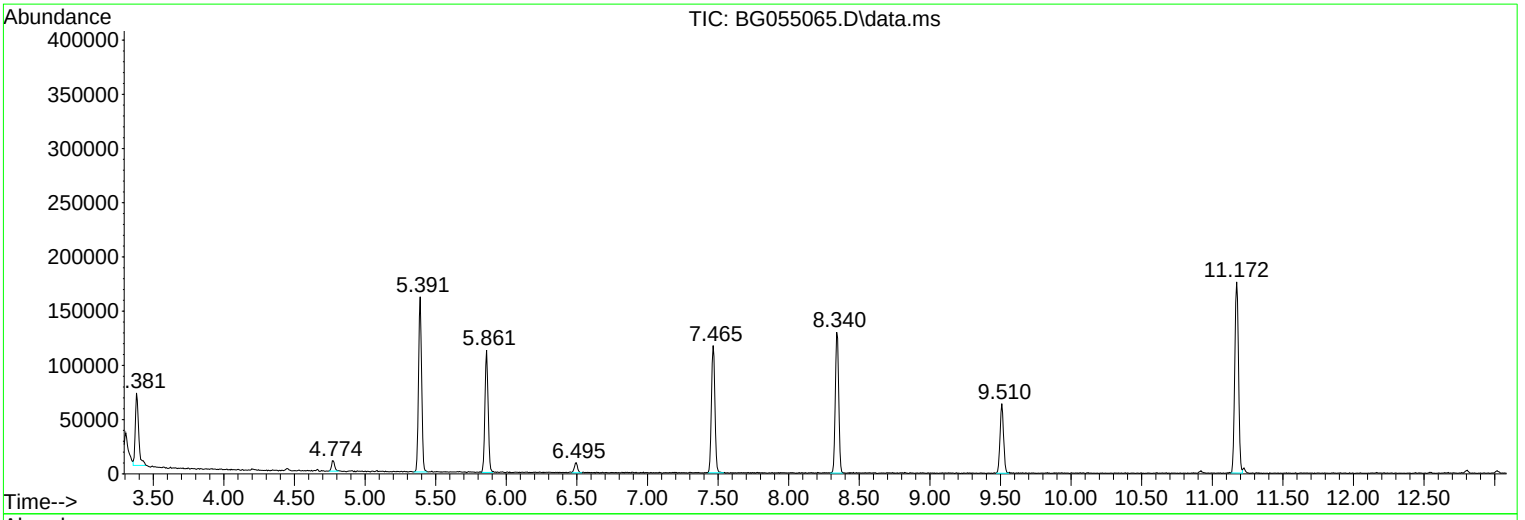
Sum of corrected areas: 8483639

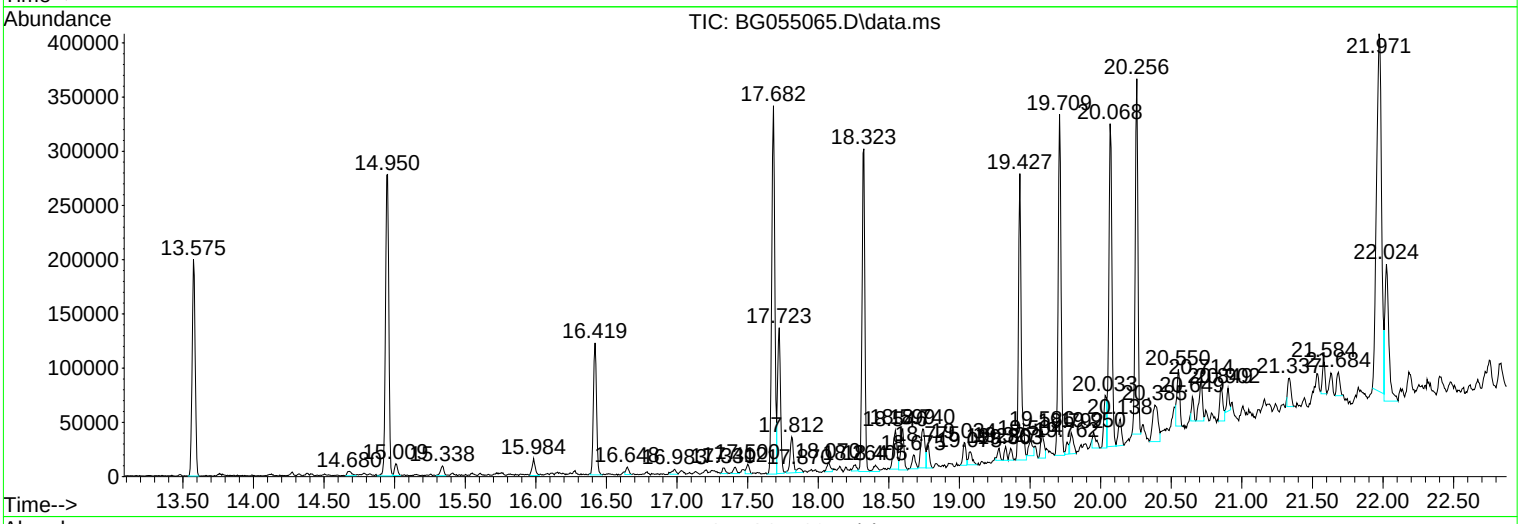
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

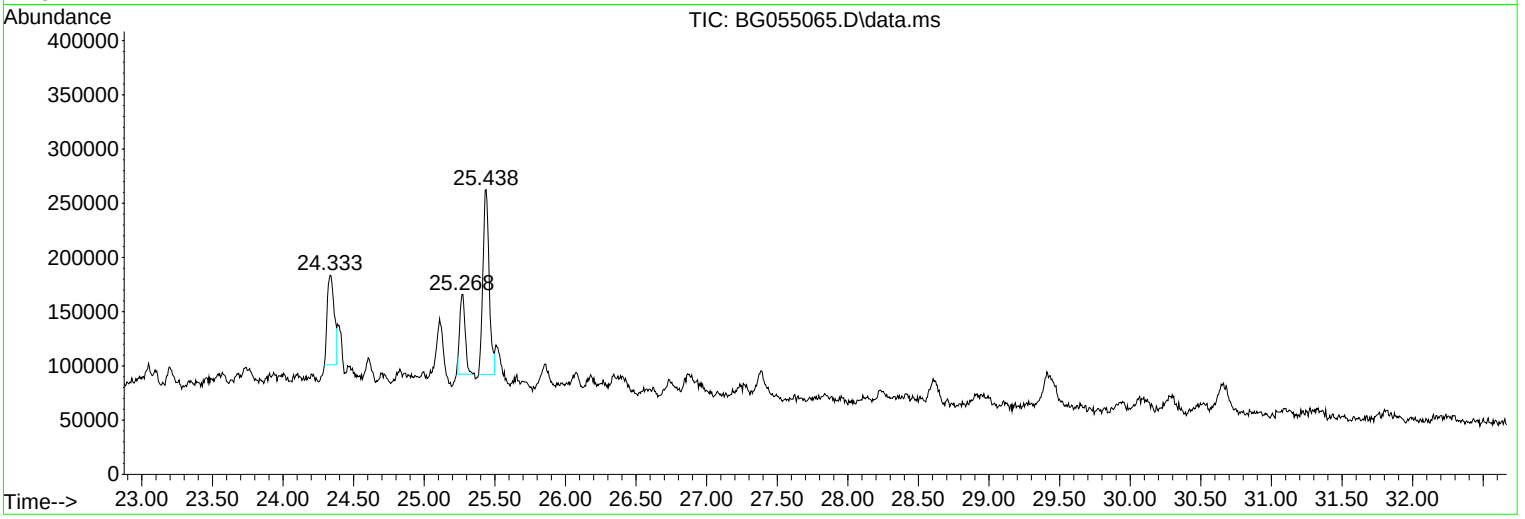
Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

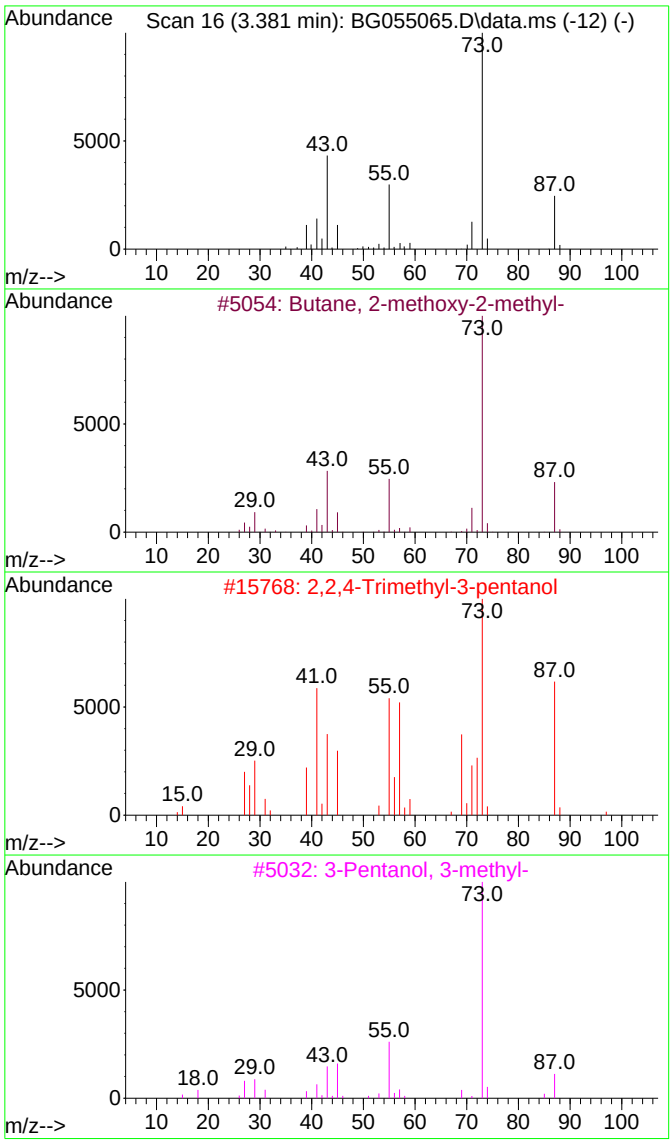
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

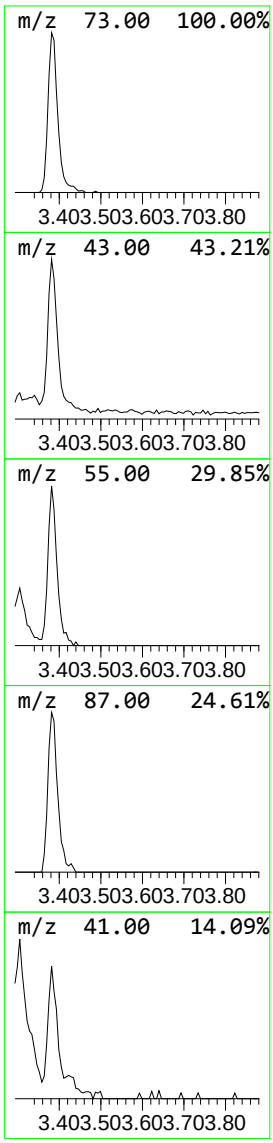
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.381	9.98 ng	108719	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

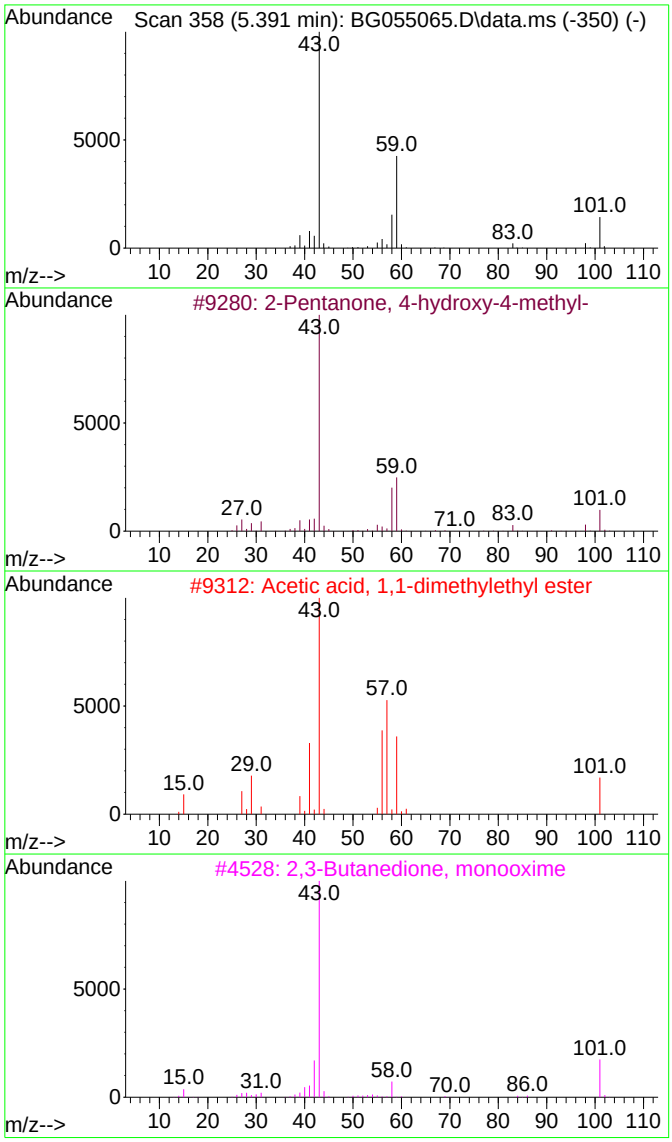
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

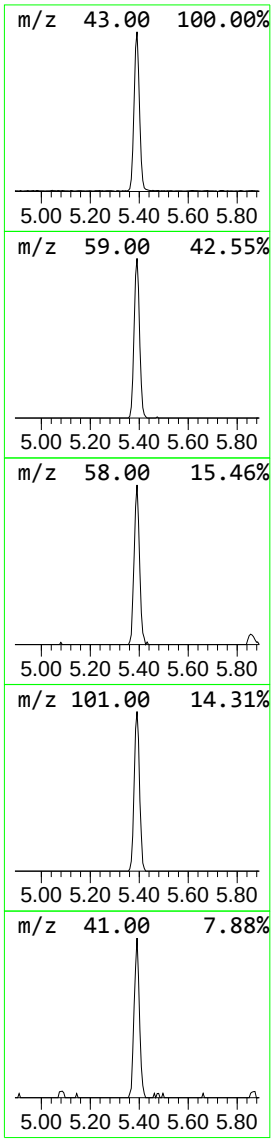
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.391	22.58 ng	245896	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

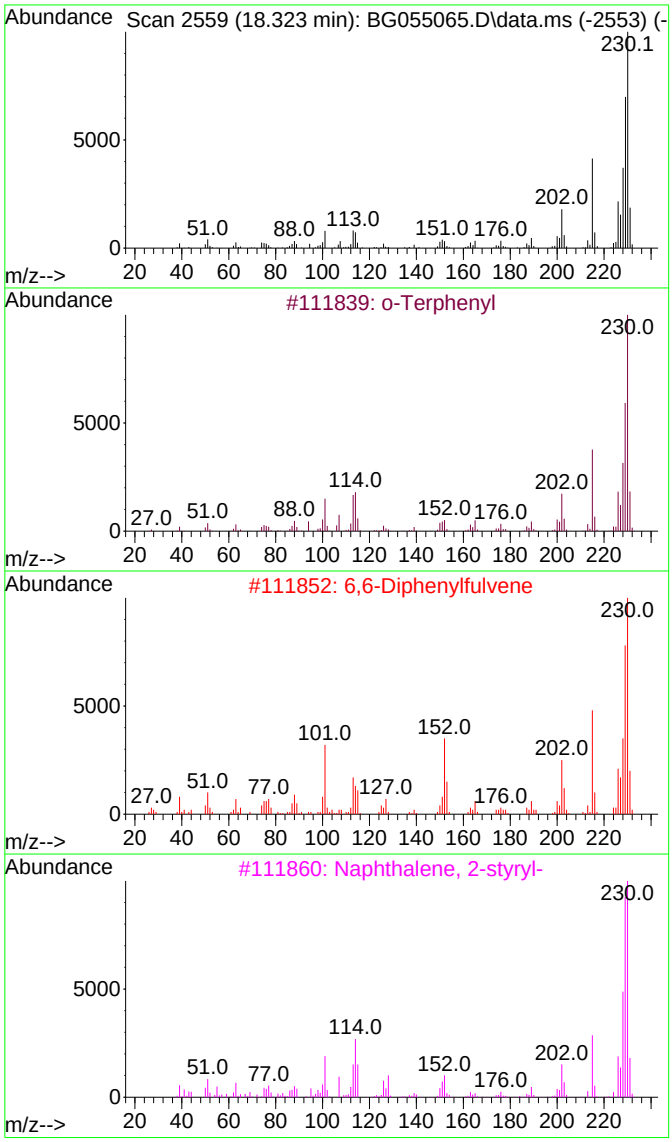
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

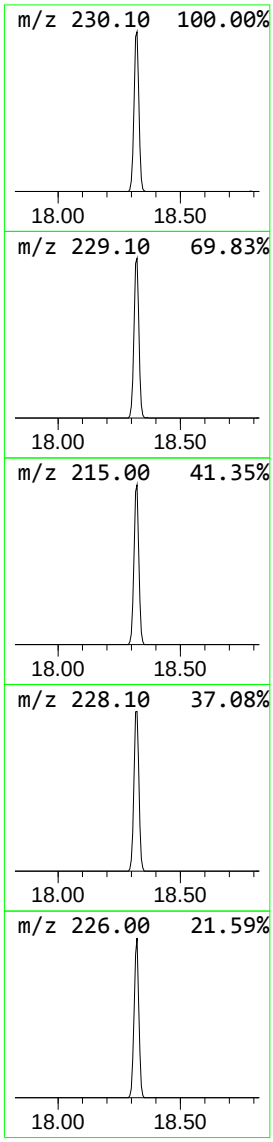
****

Peak Number 3 o-Terphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.323	15.97 ng	415595	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	96
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	83
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

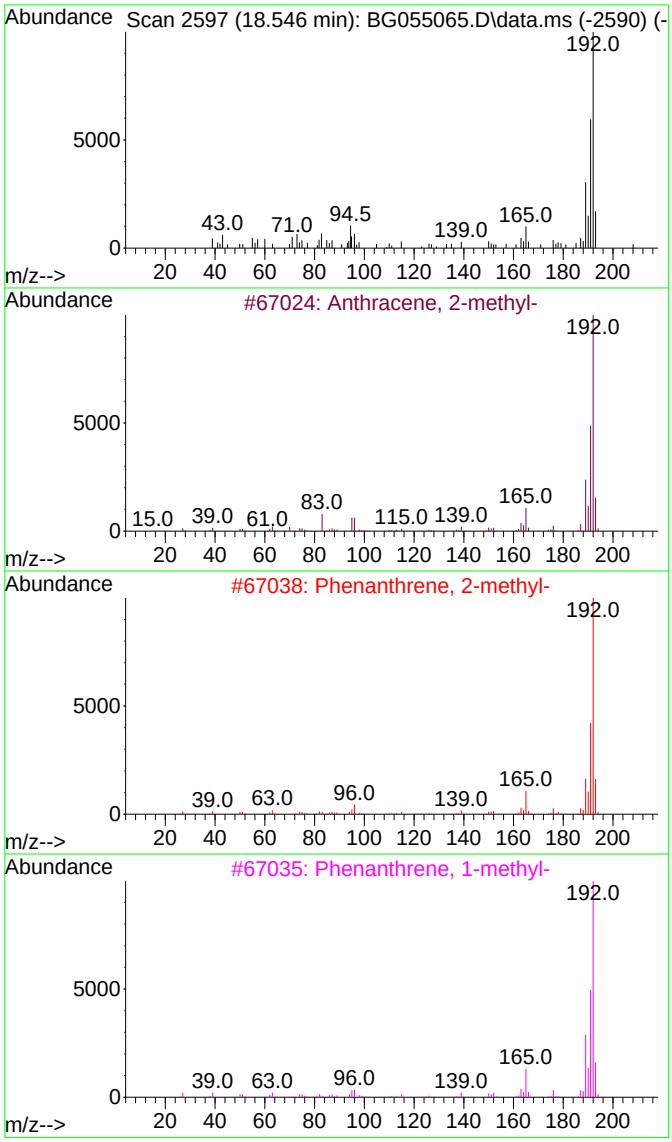
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

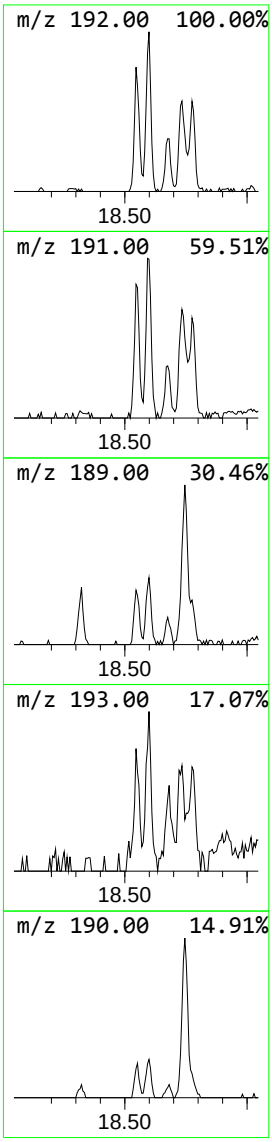
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.546	2.60 ng	67576	Phenanthrene-d10	17.682

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

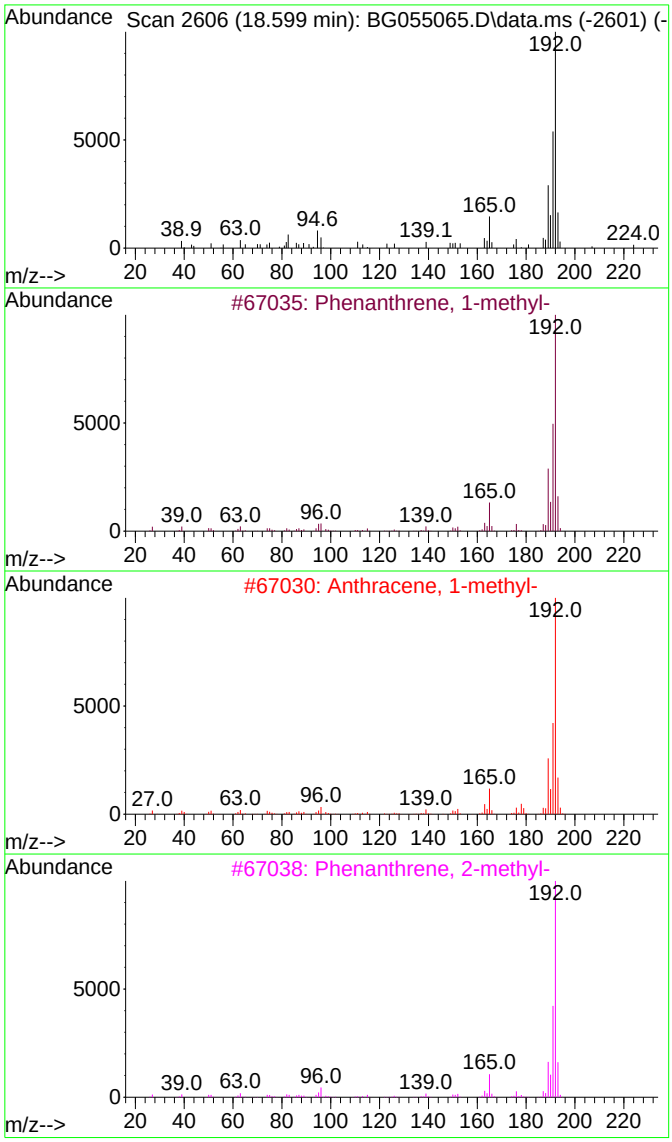
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

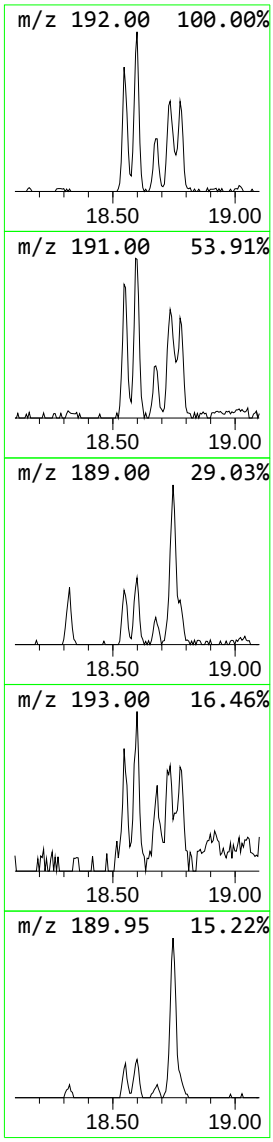
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	2.33 ng	60576	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

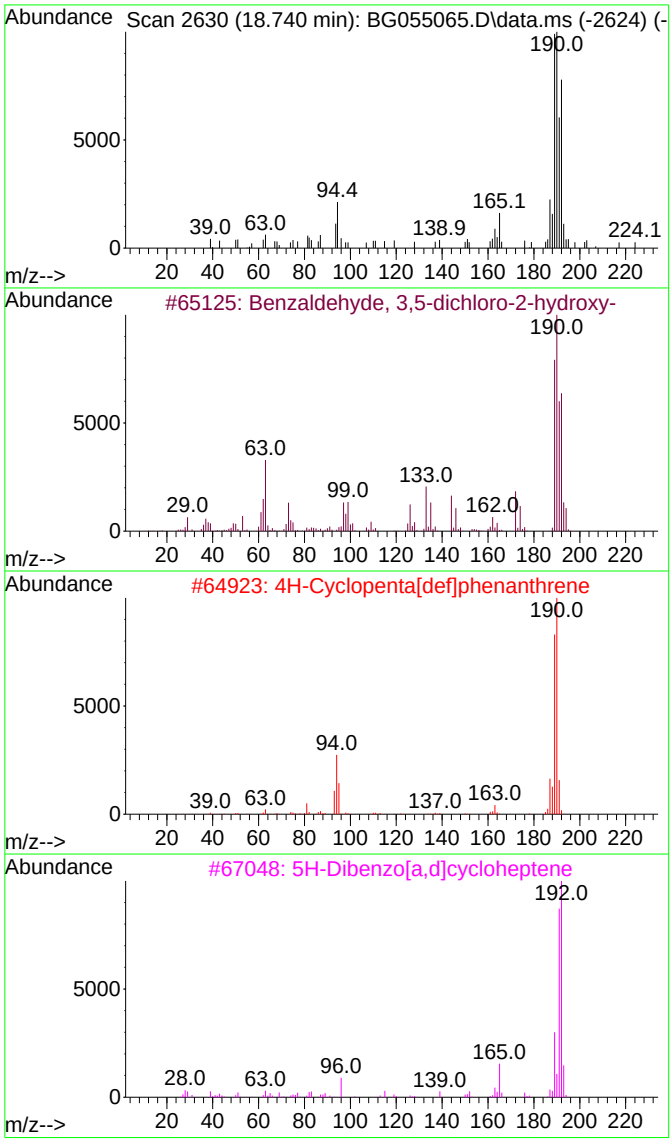
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

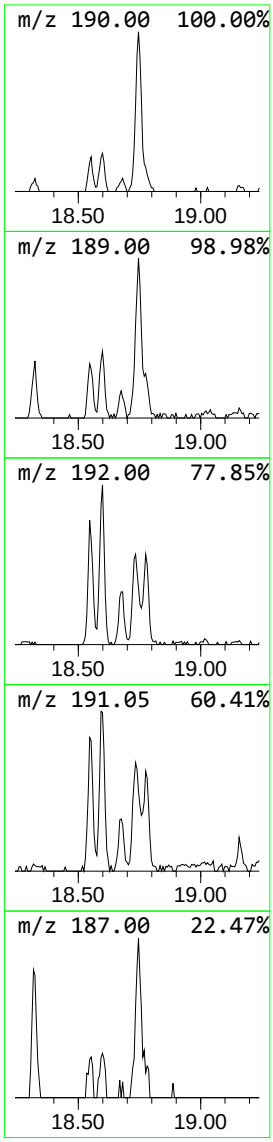
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.740	2.87 ng	74823	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

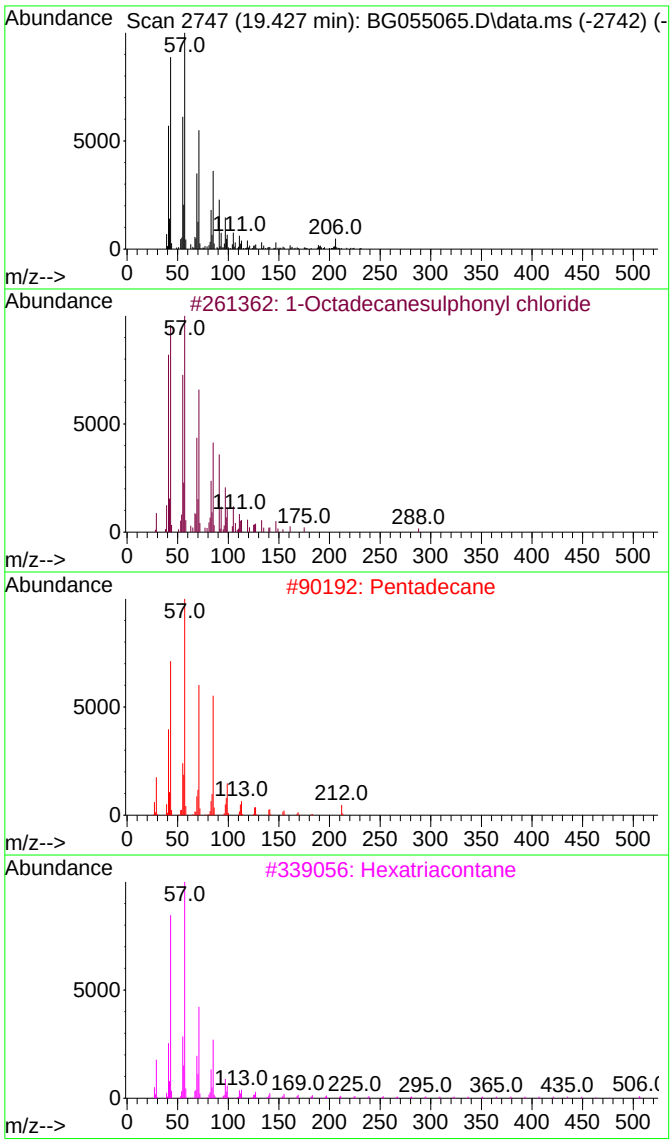
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

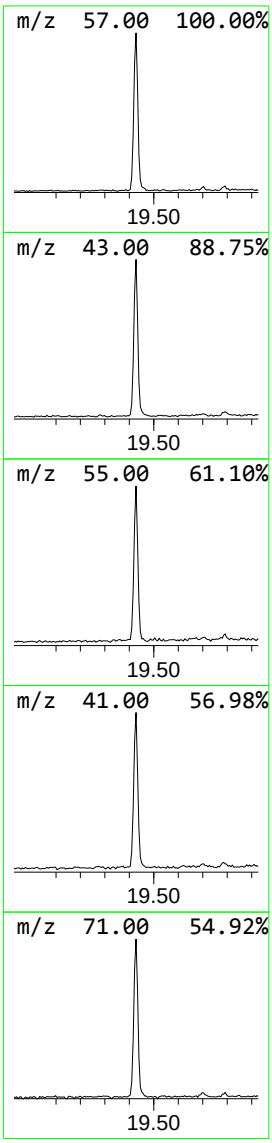
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	13.59 ng	353785	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexatriacontane	507	C36H74	000630-06-8	86
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

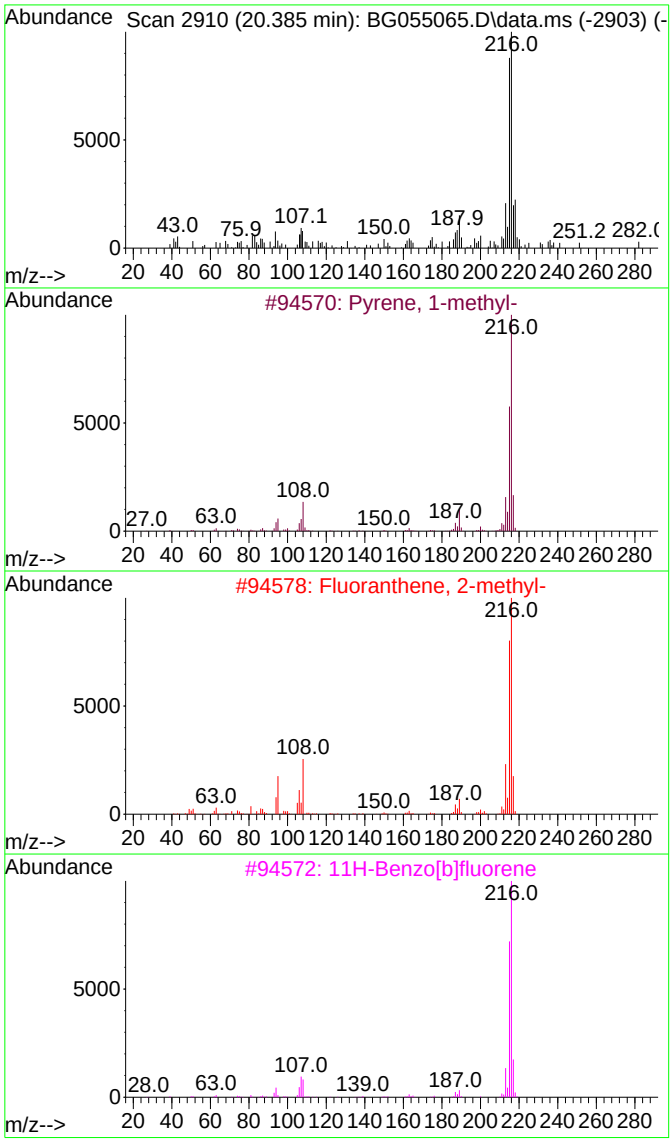
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

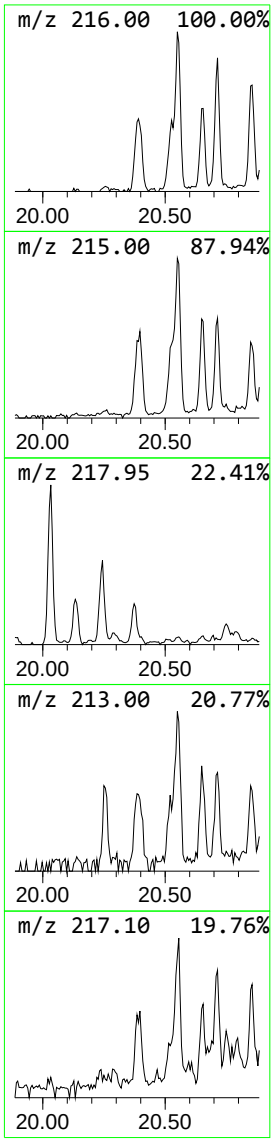
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	2.22 ng	91969	Chrysene-d12	21.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055065.D
Acq On : 4 Oct 2022 16:11
Operator : CG/JU
Sample : N4947-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-093022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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...	3.381	10.0	ng	108719	1	8.340	217826	20.0
2-Pentanone, 4-...	5.391	22.6	ng	245896	1	8.340	217826	20.0
o-Terphenyl	18.323	16.0	ng	415595	4	17.682	520611	20.0
Anthracene, 2-m...	18.546	2.6	ng	67576	4	17.682	520611	20.0
Phenanthrene, 1...	18.599	2.3	ng	60576	4	17.682	520611	20.0
Benzaldehyde, 3...	18.740	2.9	ng	74823	4	17.682	520611	20.0
1-Octadecanesul...	19.427	13.6	ng	353785	4	17.682	520611	20.0
Pyrene, 1-methyl-	20.385	2.2	ng	91969	5	21.977	827140	20.0