LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	12	16	23	rBV	113946	181726	12.29%	1.269%
2	5.102	346	351	359	rBV	39607	65302	4.42%	0.456%
3	5.584	425	433	445	rBV	455692	754664	51.03%	5.271%
4	7.193	699	707	720	rBV	466757	846259	57.22%	5.911%
5	8.027	840	849	857	rBV	121432	201270	13.61%	1.406%
6	9.197	1039	1048	1058	rBV	295701	551109	37.27%	3.849%
7	10.618	1284	1290	1297	rBV3	13778	30111	2.04%	0.210%
8	10.847	1321	1329	1335	rBV	148675	278671	18.84%	1.946%
9	13.297	1737	1746	1757	rBV	765070	1168995	79.05%	8.165%
10	14.683	1971	1982	1988	rBV	236430	392906	26.57%	2.744%
11	14.748	1988	1993	2000	rVB	33910	55997	3.79%	0.391%
12	15.077	2044	2049	2055	rBV	22904	36311	2.46%	0.254%
13	15.729	2154	2160	2170	rBV2	29726	55165	3.73%	0.385%
14	15.852	2173	2181	2184	rBV3	8192	15874	1.07%	0.111%
15	16.023	2205	2210	2215	rVB2	13304	22170	1.50%	0.155%
16	16.175	2230	2236	2247	rBV	666626	1034454	69.95%	7.226%
17	16.704	2320	2326	2328	rBV3	9125	16938	1.15%	0.118%
18	16.733	2328	2331	2336	rVV5	11462	20718	1.40%	0.145%
19	17.086	2385	2391	2396	rBV4	15872	28826	1.95%	0.201%
20	17.168	2398	2405	2412	rVV6	15146	35897	2.43%	0.251%
21	17.256	2415	2420	2426	rVB	20295	33870	2.29%	0.237%
22	17.432	2444	2450	2454	rBV	296522	460588	31.14%	3.217%
23	17.479	2454	2458	2464	rVV	351887	540426	36.54%	3.775%
24	17.568	2464	2473	2477	rVV	69454	120197	8.13%	0.840%
25	17.626	2477	2483	2489	rVB5	10647	20592	1.39%	0.144%
26	17.838	2511	2519	2529	rBV2	28667	66909	4.52%	0.467%
27	18.314	2592	2600	2603	rBV2	54560	88134	5.96%	0.616%
28	18.361	2603	2608	2615	rVB	74825	121115	8.19%	0.846%
29	18.443	2615	2622	2627	rBV	28733	50906	3.44%	0.356%
30	18.507	2627	2633	2637	rVV2	61376	129890	8.78%	0.907%
31	18.543	2637	2639	2645	rVB	39916	47152	3.19%	0.329%
32	18.607	2645	2650	2655	rBV9	13528	27476	1.86%	0.192%
33	18.801	2679	2683	2688	rBV	41004	59163	4.00%	0.413%
34	18.854	2688	2692	2698	rVB2	28531	43096	2.91%	0.301%
35	19.048	2717	2725	2730	rBV7	21960	39349	2.66%	0.275%
36	19.107	2730	2735	2737	rVV3	14060	20335	1.38%	0.142%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.136	2737	2740	2744	rVB4	13094	18507	1.25%	0.129%
38	19.224	2750	2755	2760	rBV	39100	68288	4.62%	0.477%
39	19.289	2760	2766	2768	rBV6	10753	18977	1.28%	0.133%
40	19.365	2774	2779	2788	rVB6	20904	42256	2.86%	0.295%
41	19.488	2794	2800	2806	rBV	445433	636848	43.06%	4.448%
42	19.547	2806	2810	2813	rVV3	15884	22888	1.55%	0.160%
43	19.582	2813	2816	2821	rVB5	17958	26161	1.77%	0.183%
44	19.682	2827	2833	2836	rBV7	13929	24729	1.67%	0.173%
45	19.729	2836	2841	2845	rVV3	14841	25135	1.70%	0.176%
46	19.817	2851	2856	2858	rBV2	81998	131226	8.87%	0.917%
47	19.853	2858	2862	2868	rVV	369539	540725	36.56%	3.777%
48	19.917	2869	2873	2881	rVB3	31985	56503	3.82%	0.395%
49	20.041	2887	2894	2900	rBV	1094090	1478878	100.00%	10.330%
50	20.088	2900	2902	2910	rVB3	23732	37390	2.53%	0.261%
51	20.170	2910	2916	2918	rBV3	30542	61694	4.17%	0.431%
52	20.340	2934	2945	2949	rVB	59258	131262	8.88%	0.917%
53	20.440	2958	2962	2965	rBV2	38998	43716	2.96%	0.305%
54	20.499	2965	2972	2976	rVV4	36633	70796	4.79%	0.495%
55	20.581	2982	2986	2990	rVB7	11364	20980	1.42%	0.147%
56	20.640	2993	2996	3000	rVV	20973	28712	1.94%	0.201%
57	20.681	3000	3003	3008	rVB3	21853	32145	2.17%	0.225%
58	20.828	3026	3028	3034	rVB7	11888	14953	1.01%	0.104%
59	20.939	3043	3047	3050	rBV6	13170	20506	1.39%	0.143%
60	21.063	3063	3068	3071	rBV7	11020	18516	1.25%	0.129%
61	21.104	3071	3075	3082	rVB	36815	69333	4.69%	0.484%
62	21.292	3101	3107	3110	rBV6	30738	55427	3.75%	0.387%
63	21.339	3110	3115	3119	rVV4	65089	120698	8.16%	0.843%
64	21.380	3120	3122	3128	rVV2	46390	84240	5.70%	0.588%
65	21.439	3128	3132	3140	rVB3	31929	65268	4.41%	0.456%
66	21.556	3145	3152	3153	rBV7	18556	29876	2.02%	0.209%
67	21.709	3170	3178	3184	rBV2	307853	772305	52.22%	5.395%
68	21.762	3184	3187	3194	rVB	148845	228014	15.42%	1.593%
69	21.915	3209	3213	3219	rVB5	24228	45595	3.08%	0.318%
70	22.138	3245	3251	3255	rVB5	24119	46413	3.14%	0.324%
71	22.197	3257	3261	3264	rVB6	10855	16085	1.09%	0.112%
72	22.449	3301	3304	3311	rVB4	34903	68400	4.63%	0.478%
73	22.725	3349	3351	3355	rBV5	13039	14824	1.00%	0.104%
74	23.571	3489	3495	3499	rBV9	13918	29995	2.03%	0.210%
75	23.941	3551	3558	3566	rBV2	99551	328689	22.23%	2.296%
76	24.206	3601	3603	3610	rVB3	22361	33411	2.26%	0.233%

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
28S

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.681	3678	3684	3698	rVB	71018	196929	13.32%	1.376%
78	24.834	3702	3710	3719	rVB	92940	251075	16.98%	1.754%
79	24.987	3727	3736	3745	rBV2	154909	447654	30.27%	3.127%
80	28.729	4363	4373	4391	rVB3	38517	177943	12.03%	1.243%

Sum of corrected areas: 14316526

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
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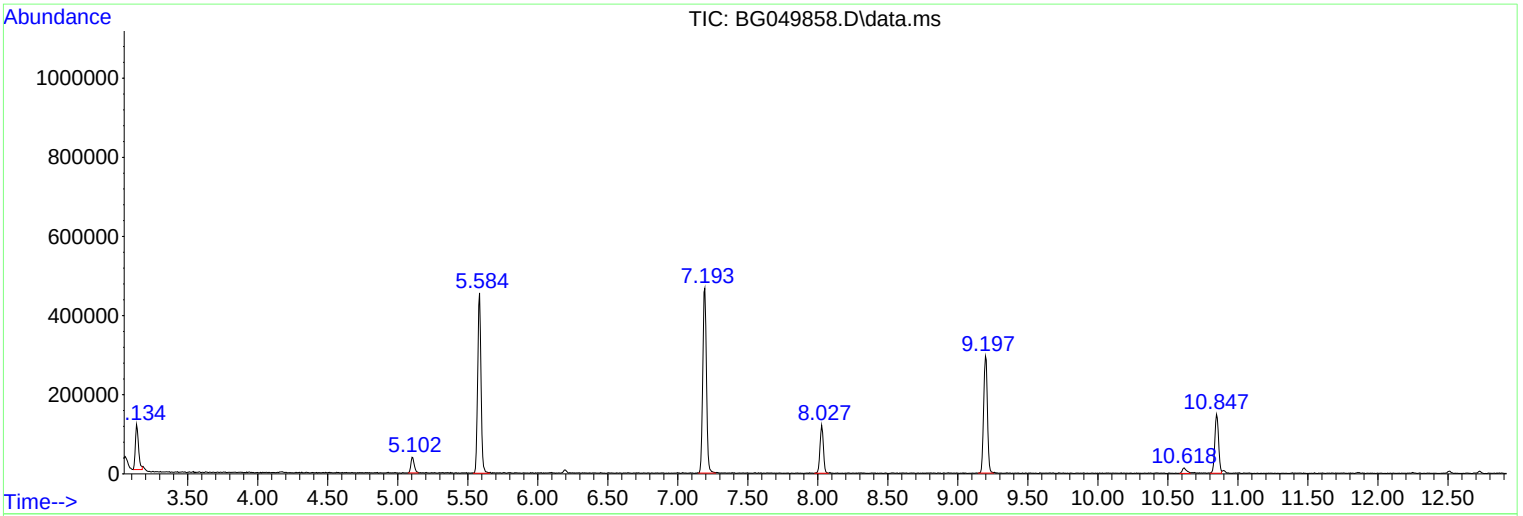
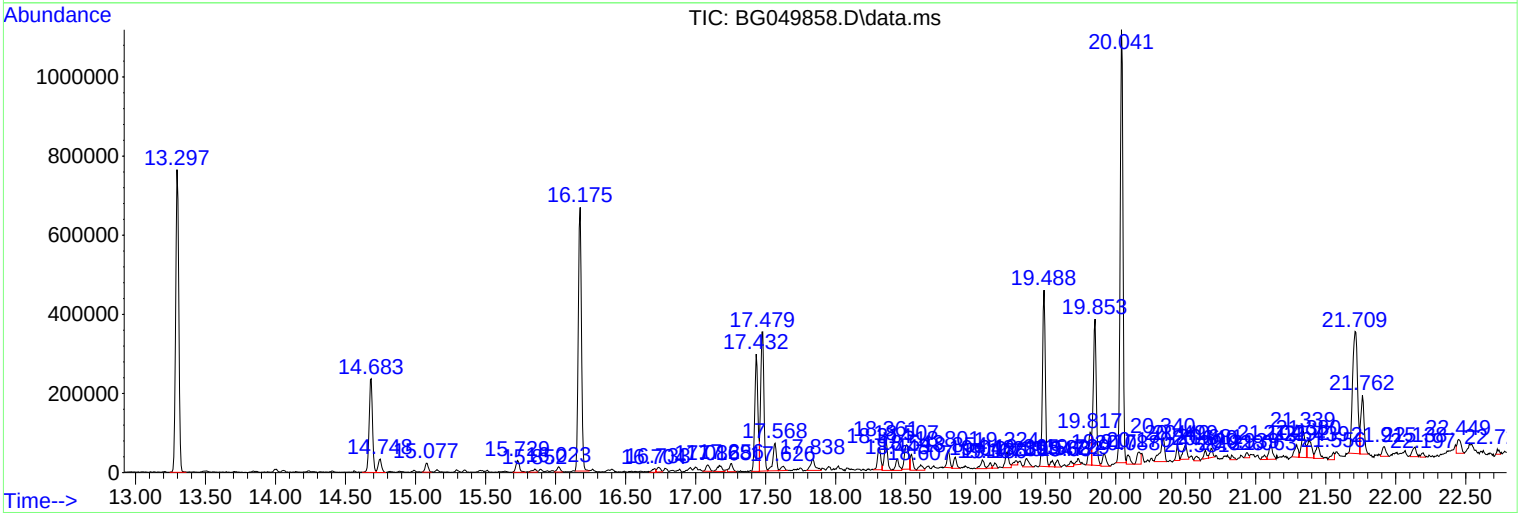
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

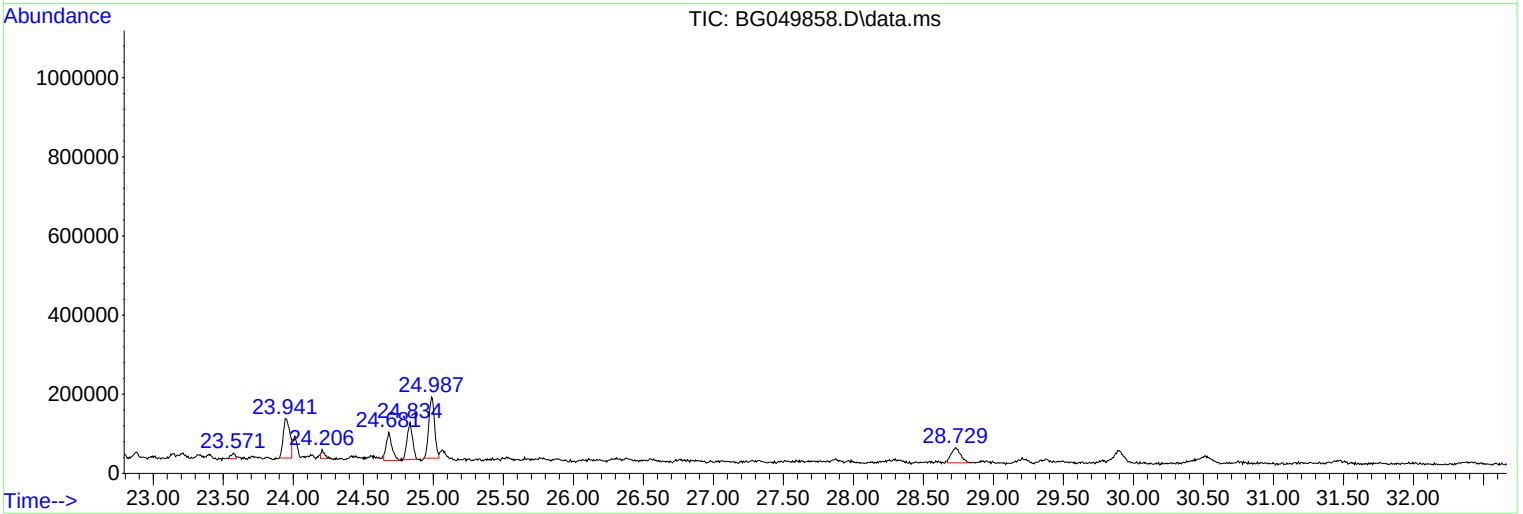
Instrument :
BNA_G
ClientSampleId :
28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

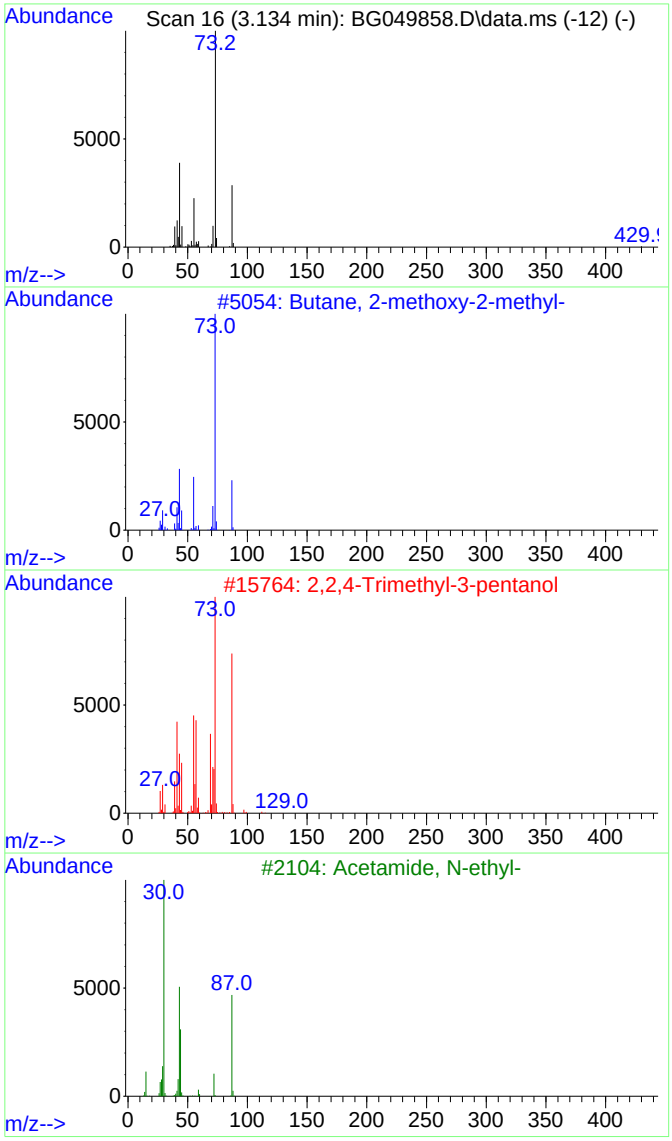
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

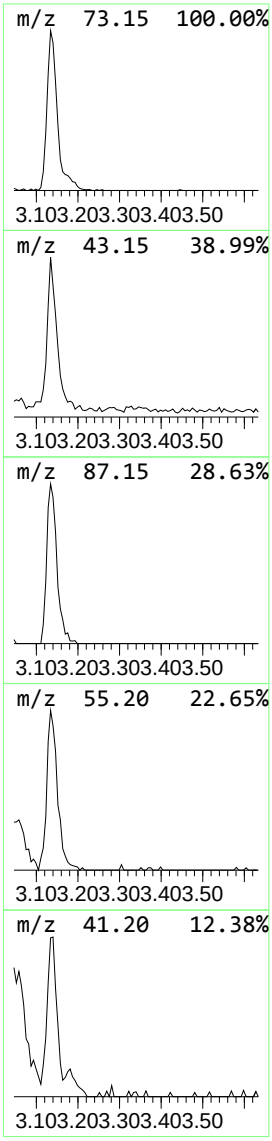
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	18.06 ng	181726	1,4-Dichlorobenzene-d4	8.027

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	56
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
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Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

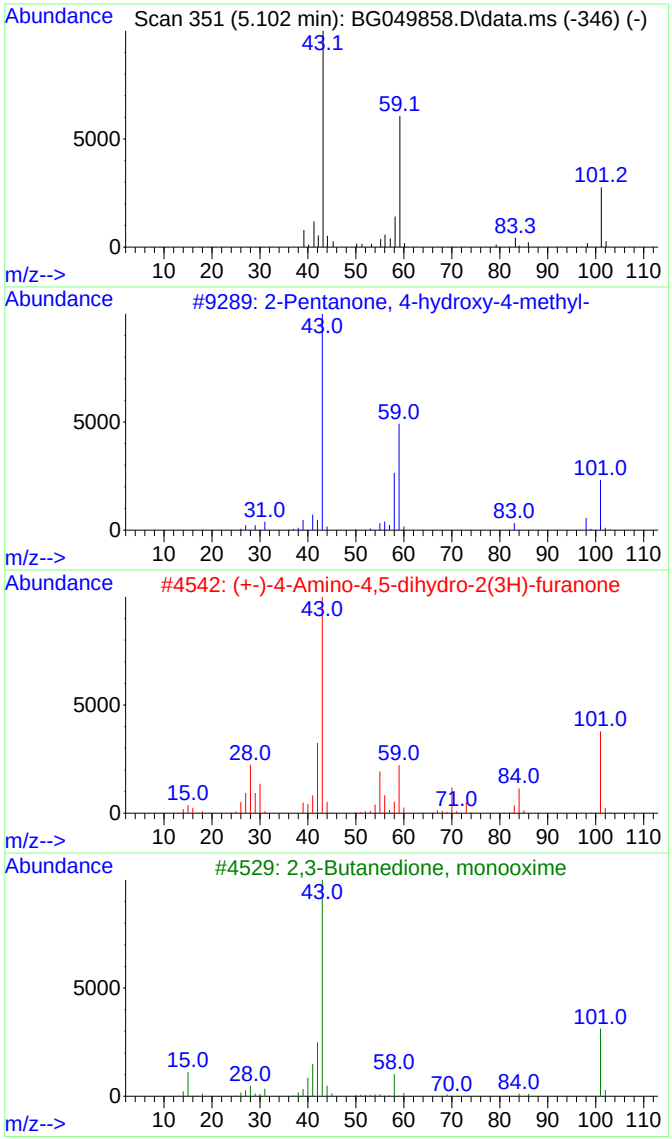
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

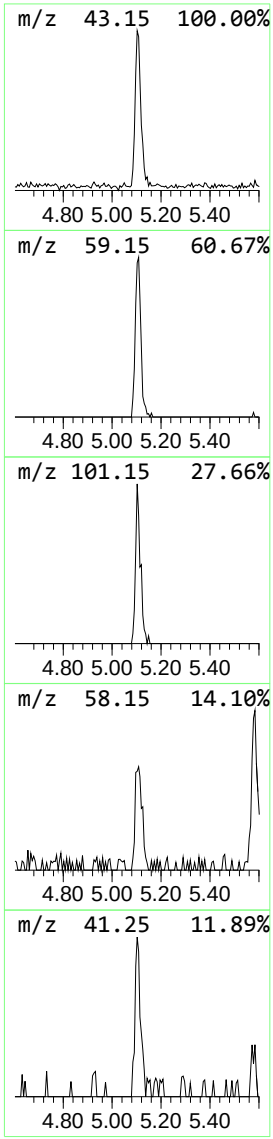
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.102	6.49 ng	65302	1,4-Dichlorobenzene-d4	8.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25
5	3-Pentanol	88	C5H12O	000584-02-1	23





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Acq On : 16 Aug 2021 20:28
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Sample : M3407-23
Misc :
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Instrument : BNA_G
ClientSampleId : 28S

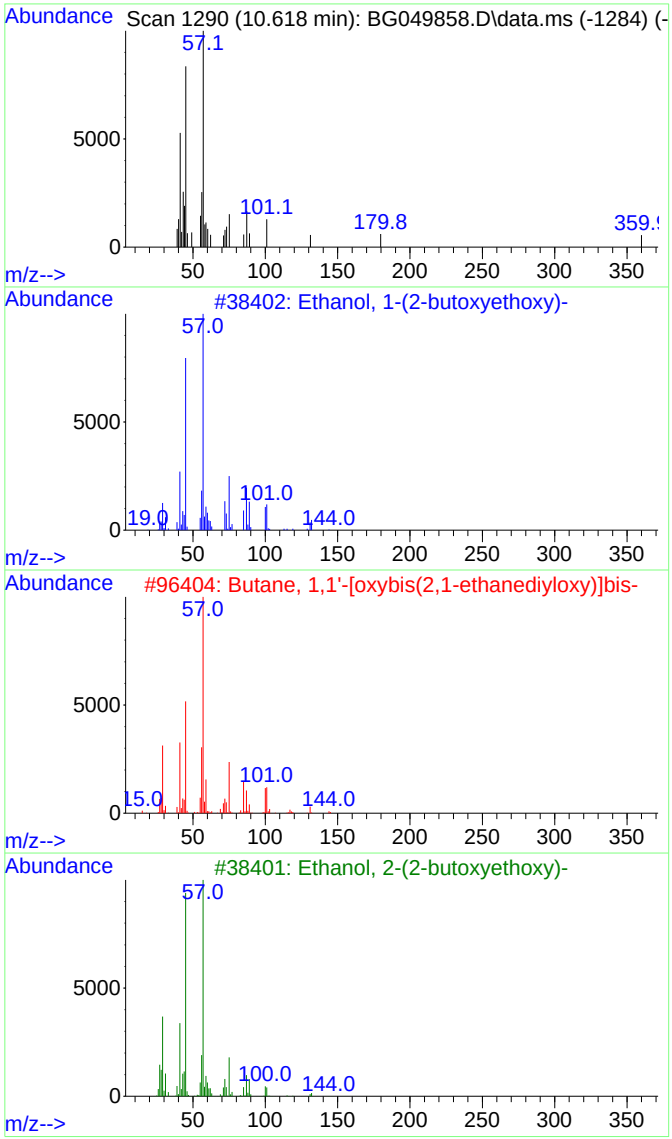
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

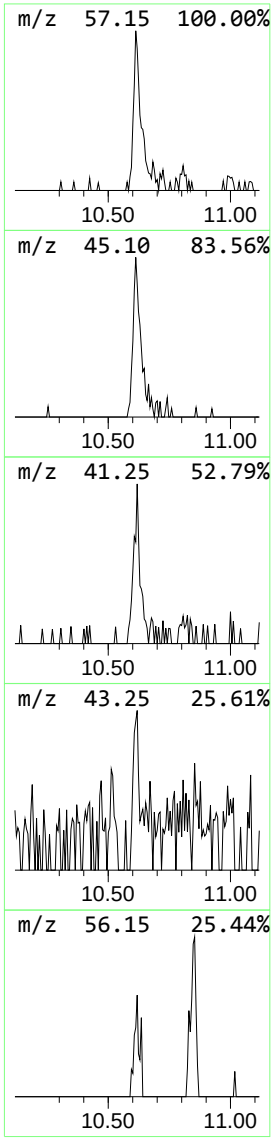
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.618	2.16 ng	30111	Naphthalene-d8	10.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	59
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	56
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	53
4	2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
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Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

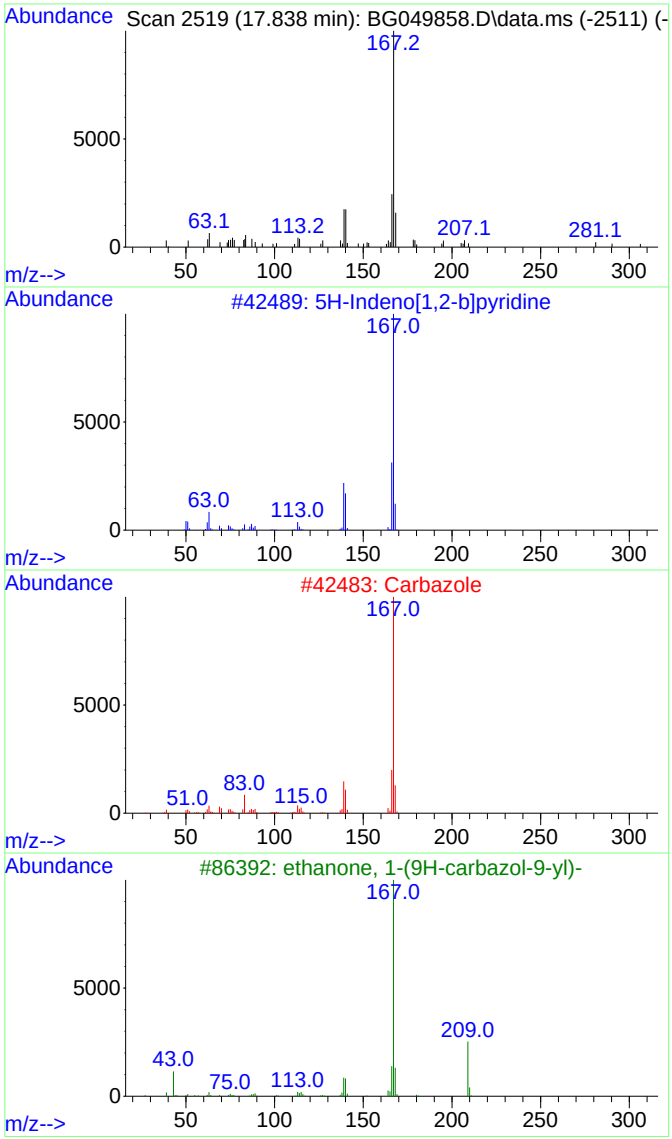
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

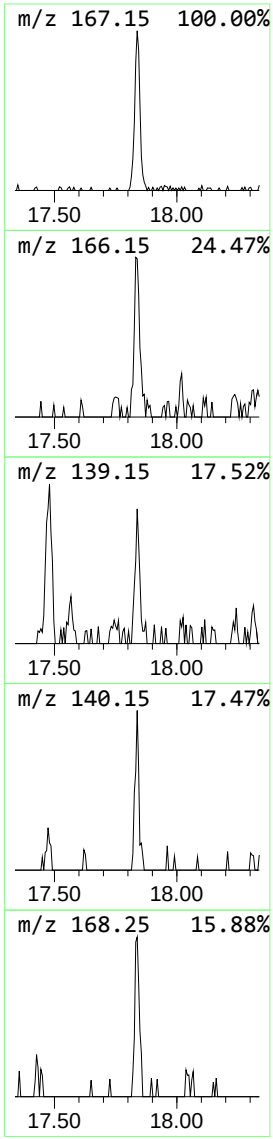
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.838	2.91 ng	66909	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	87
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

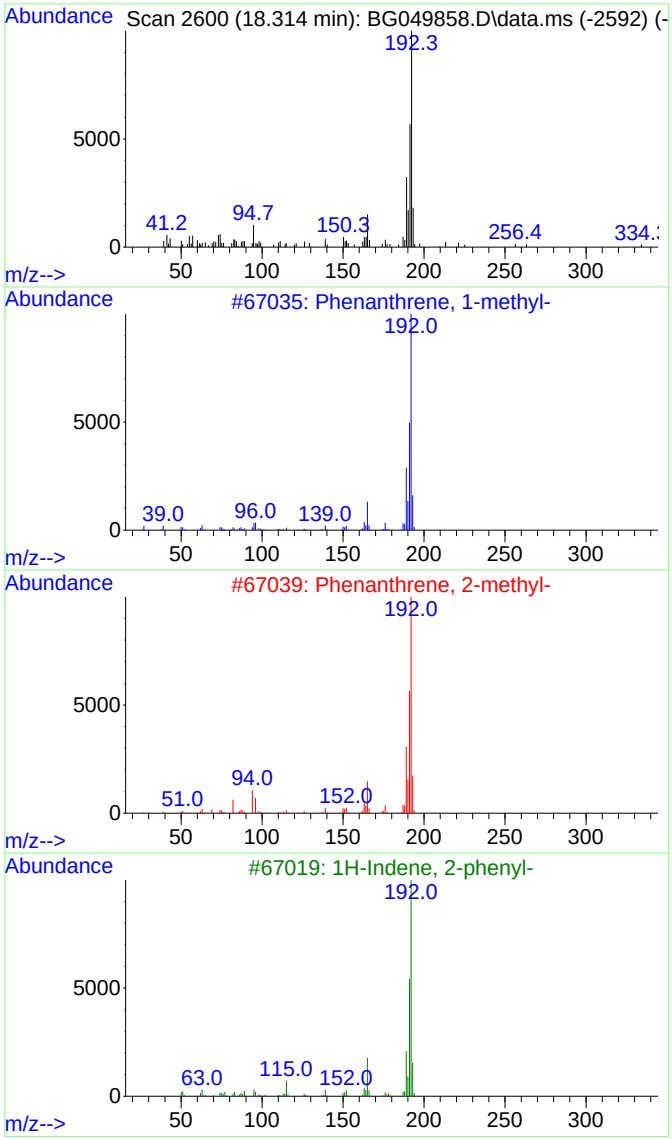
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

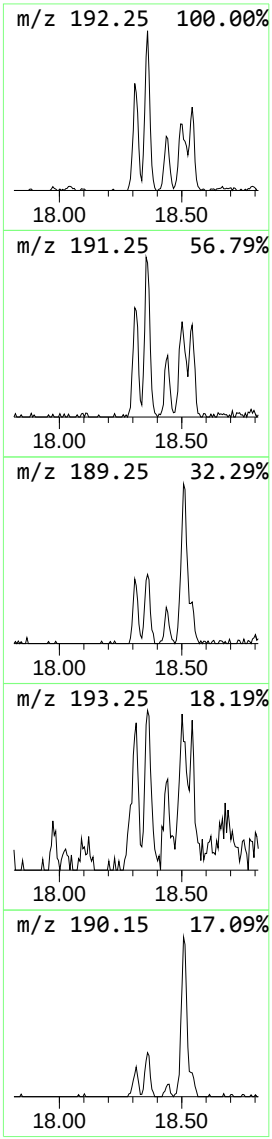
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.314	3.83 ng	88134	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

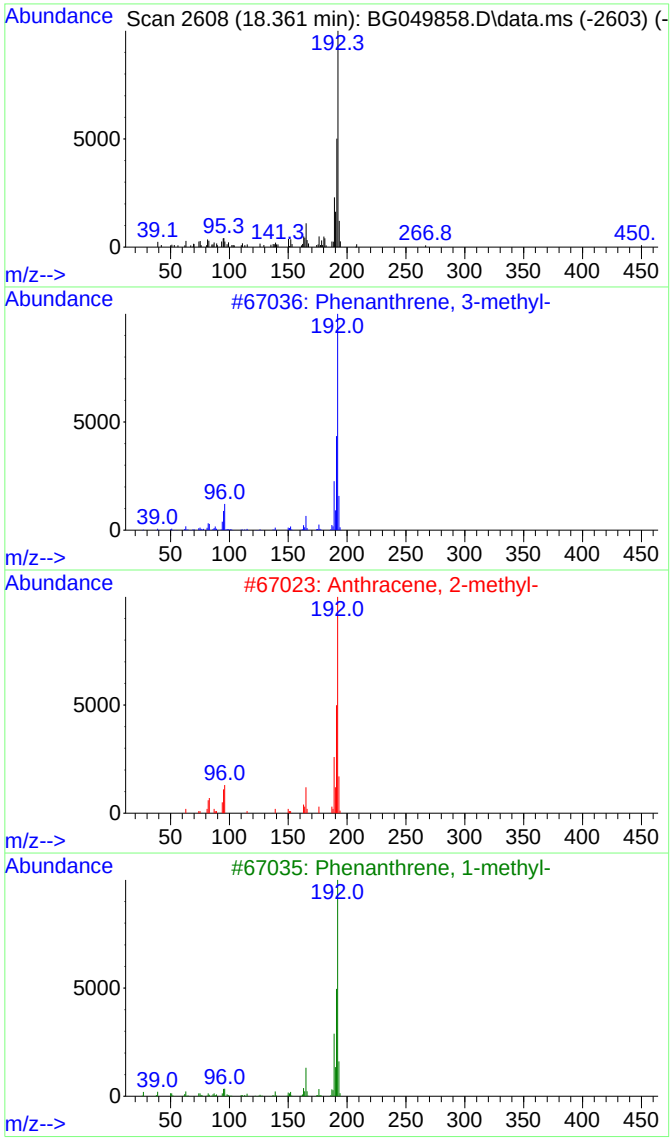
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

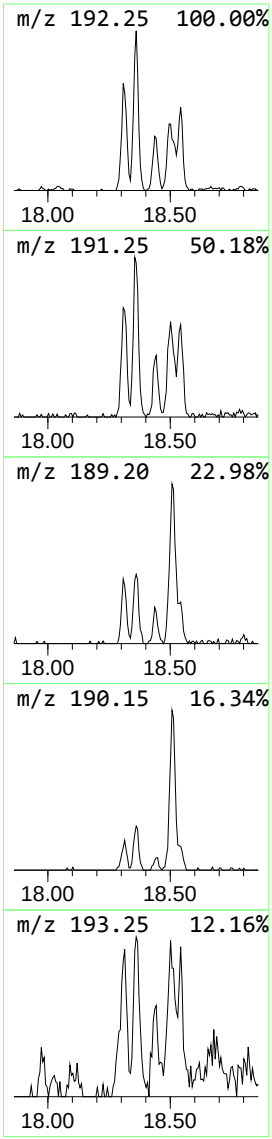
****

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	5.26 ng	121115	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

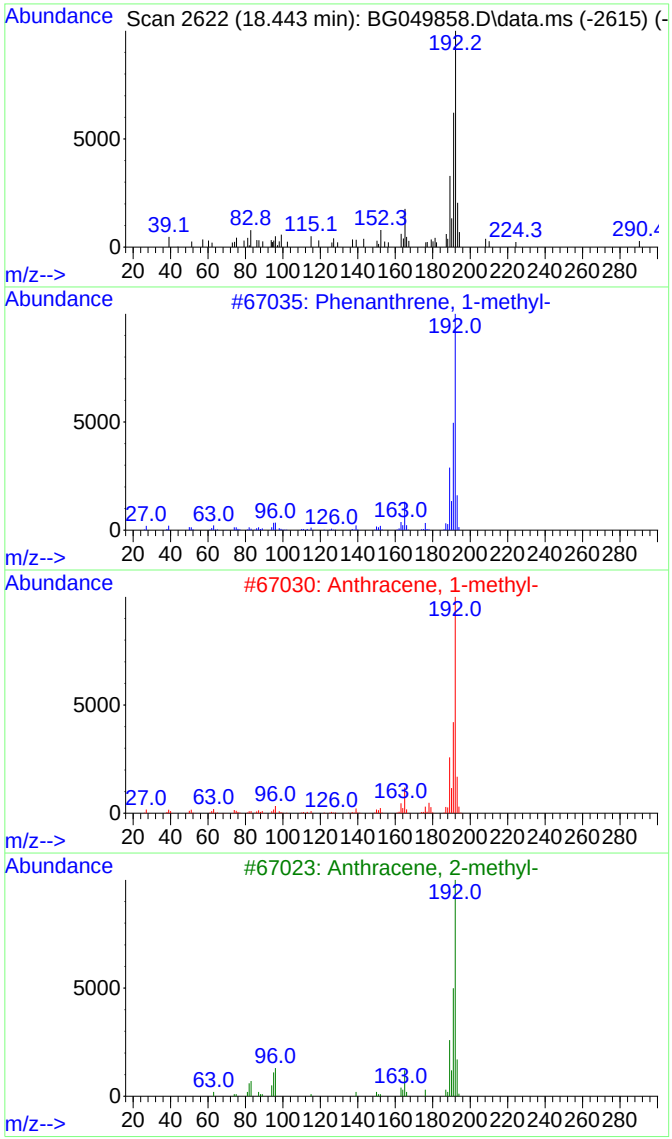
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

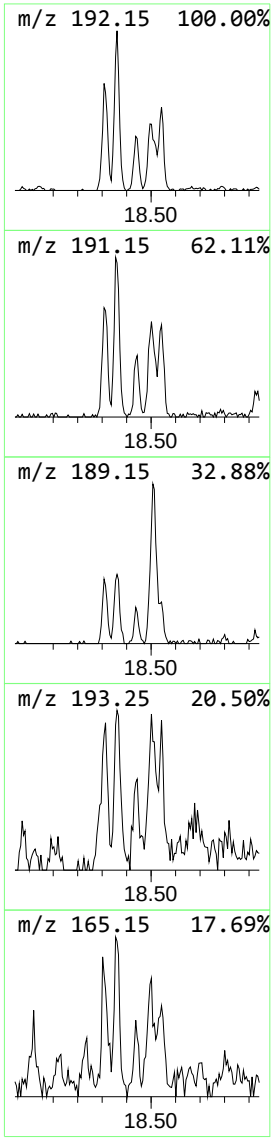
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.443	2.21 ng	50906	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

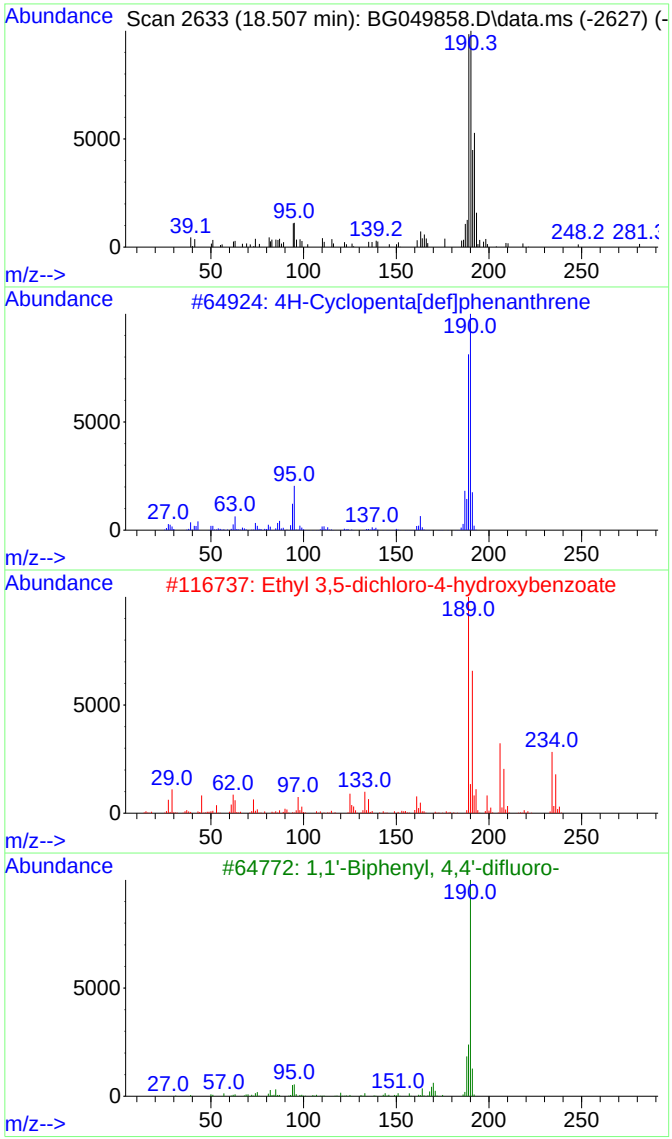
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

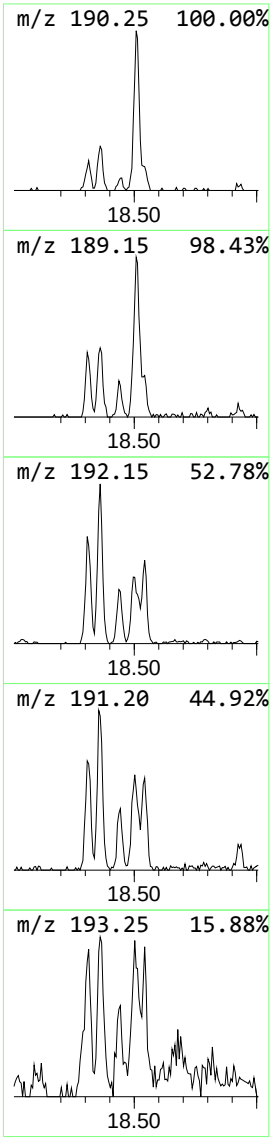
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.507	5.64 ng	129890	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Ethyl 3,5-dichloro-4-hydroxybenz...	234	C9H8Cl2O3	017302-82-8	38
3	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	35
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	22





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

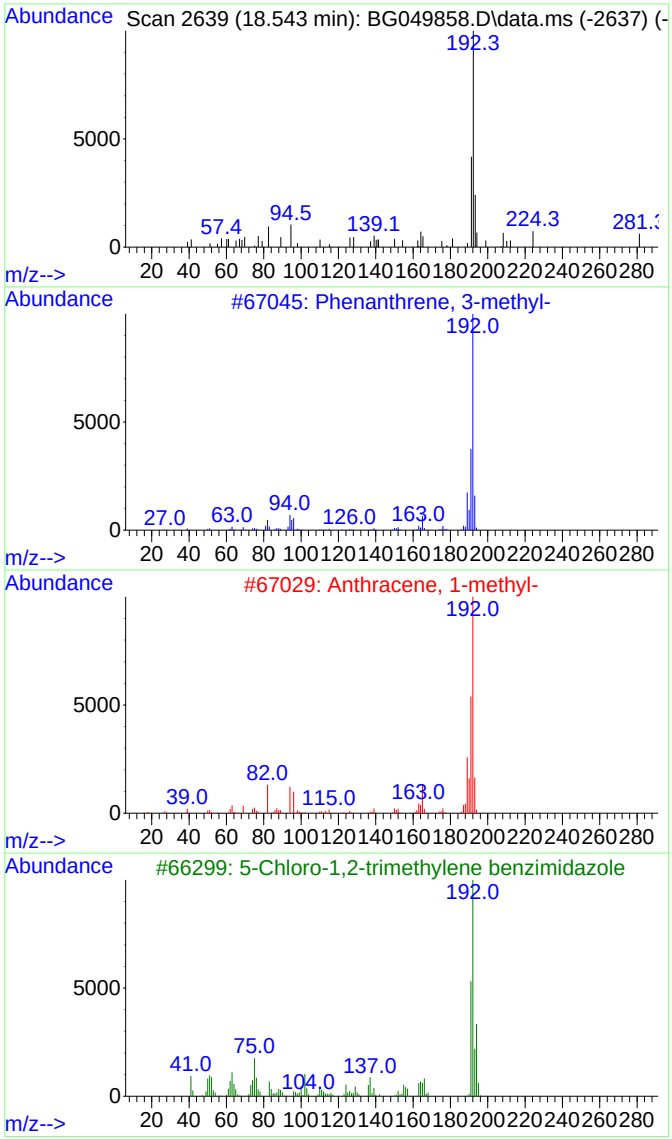
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

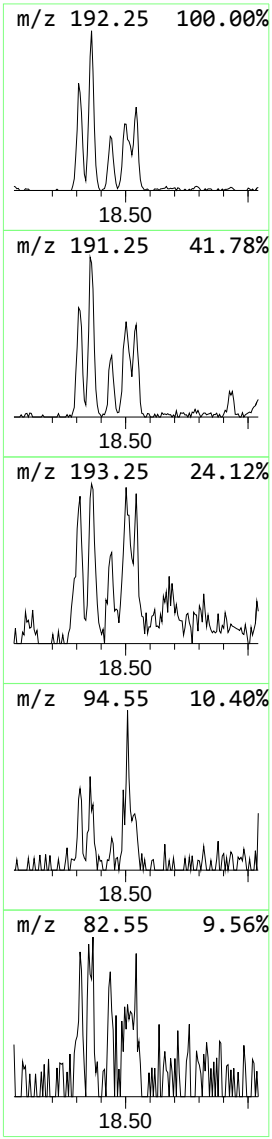
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5-Chloro-1,2-trimethylene b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.543	2.05 ng	47152	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
3	5-Chloro-1,2-trimethylene benzim...	192	C10H9ClN2	010252-95-6	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

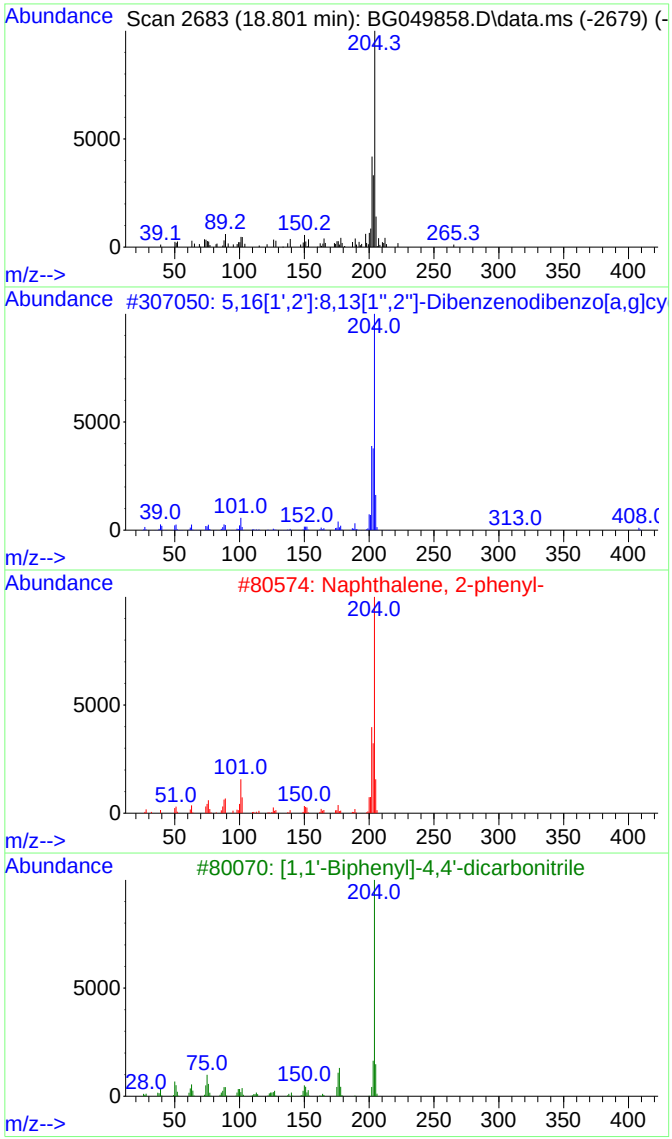
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

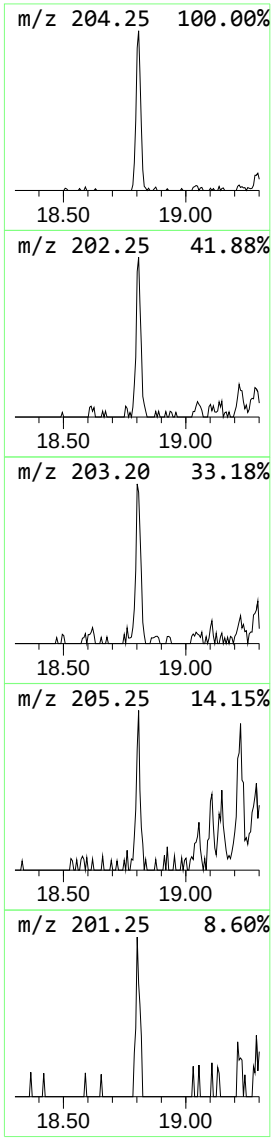
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	2.57 ng	59163	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	46
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

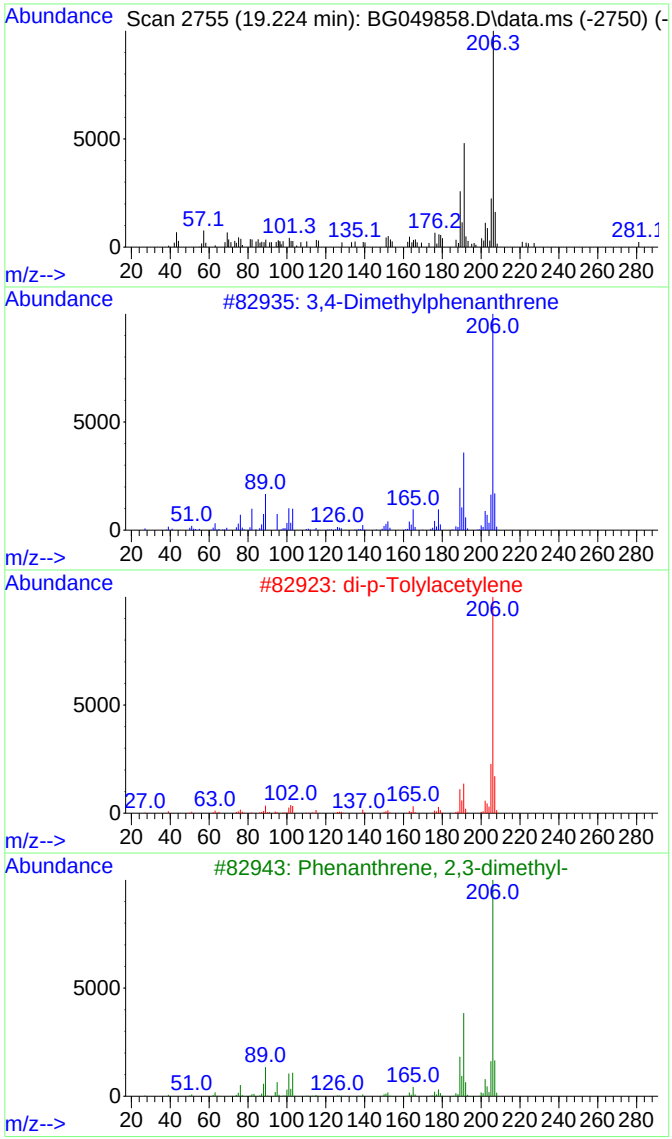
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

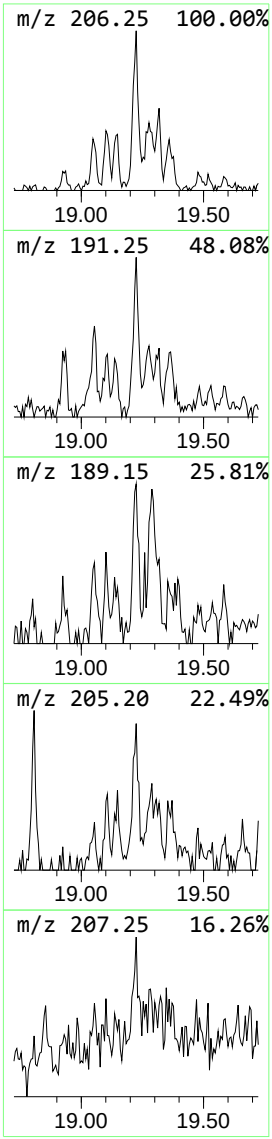
****

Peak Number 11 3,4-Dimethylphenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.224	2.97 ng	68288	Phenanthrene-d10	17.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

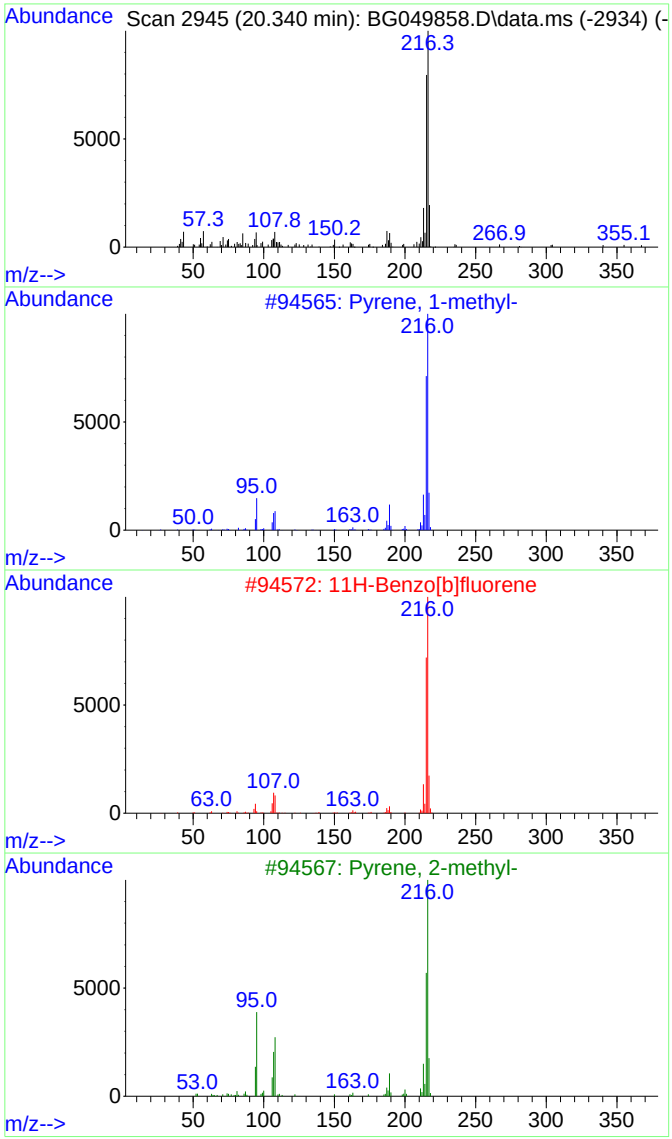
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

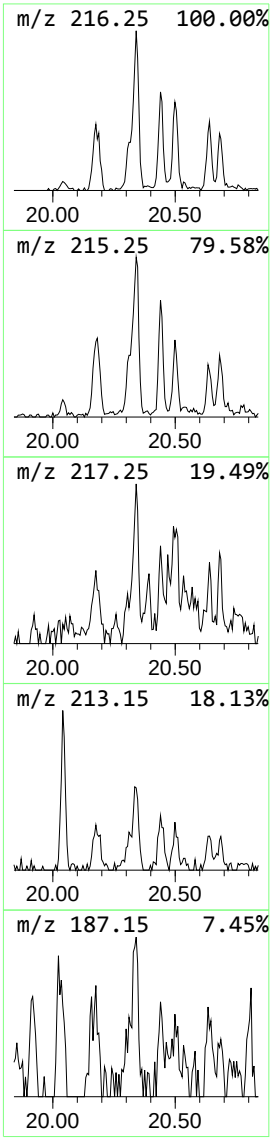
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.340	3.40 ng	131262	Chrysene-d12	21.715

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	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

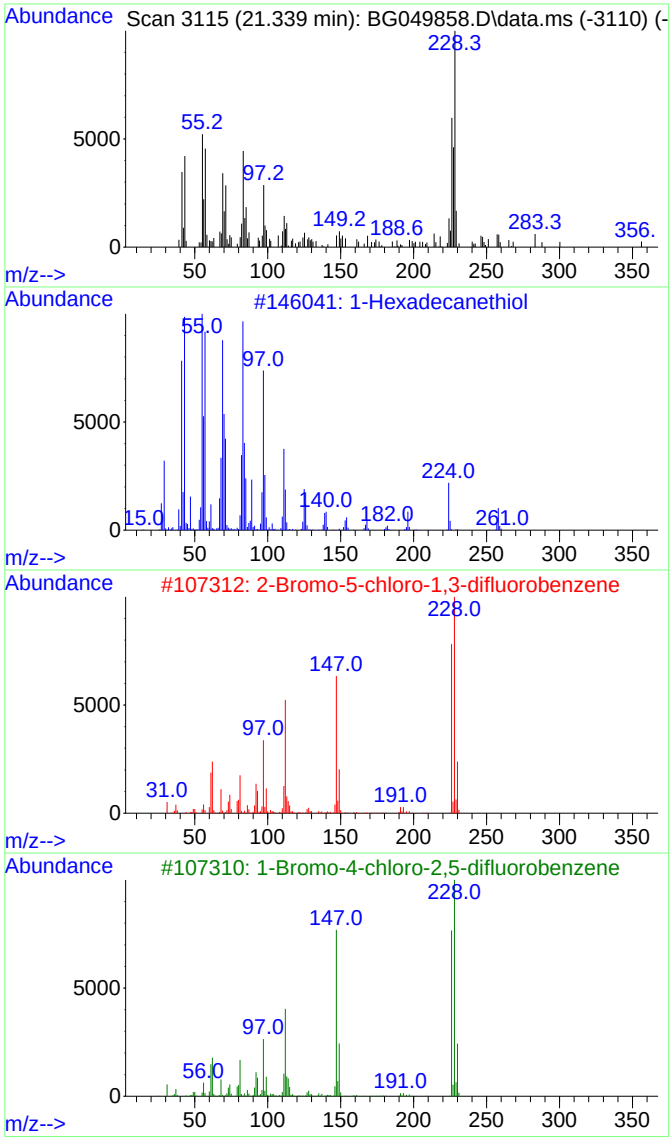
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

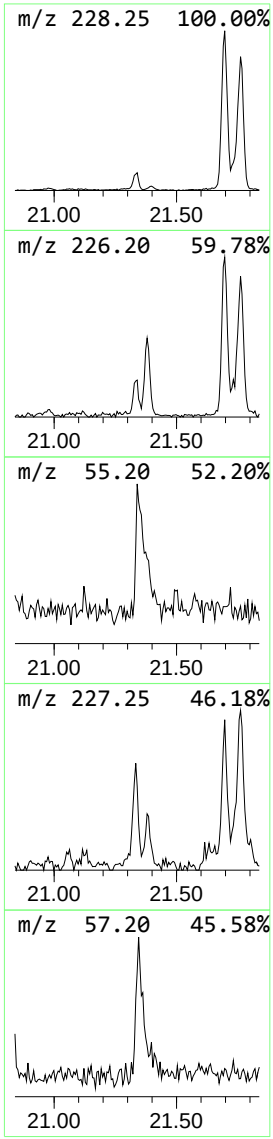
****

Peak Number 13 1-Hexadecanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	3.13 ng	120698	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol	258	C16H34S	002917-26-2	59
2	2-Bromo-5-chloro-1,3-difluoroben...	226	C6H2BrClF2	883546-16-5	46
3	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	46
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38





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Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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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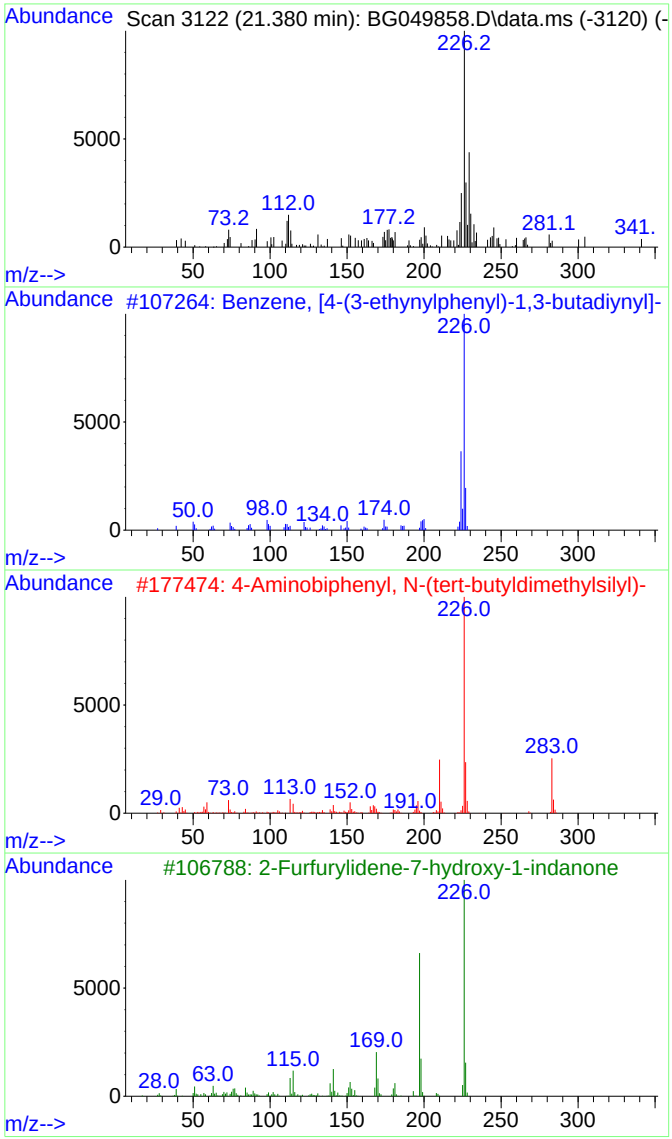
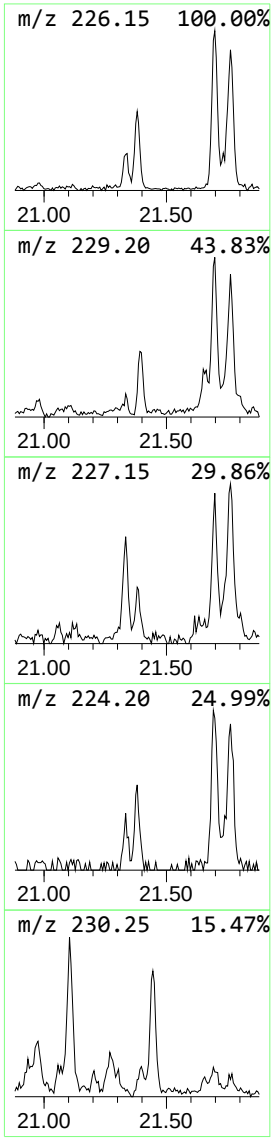
Peak Number 14 unknown21.380 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	2.18 ng	84240	Chrysene-d12	21.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35
2	4-Aminobiphenyl, N-(tert-butyldi...	283	C18H25NSi	1000461-77-4	32
3	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	30
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	27
5	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	27





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Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

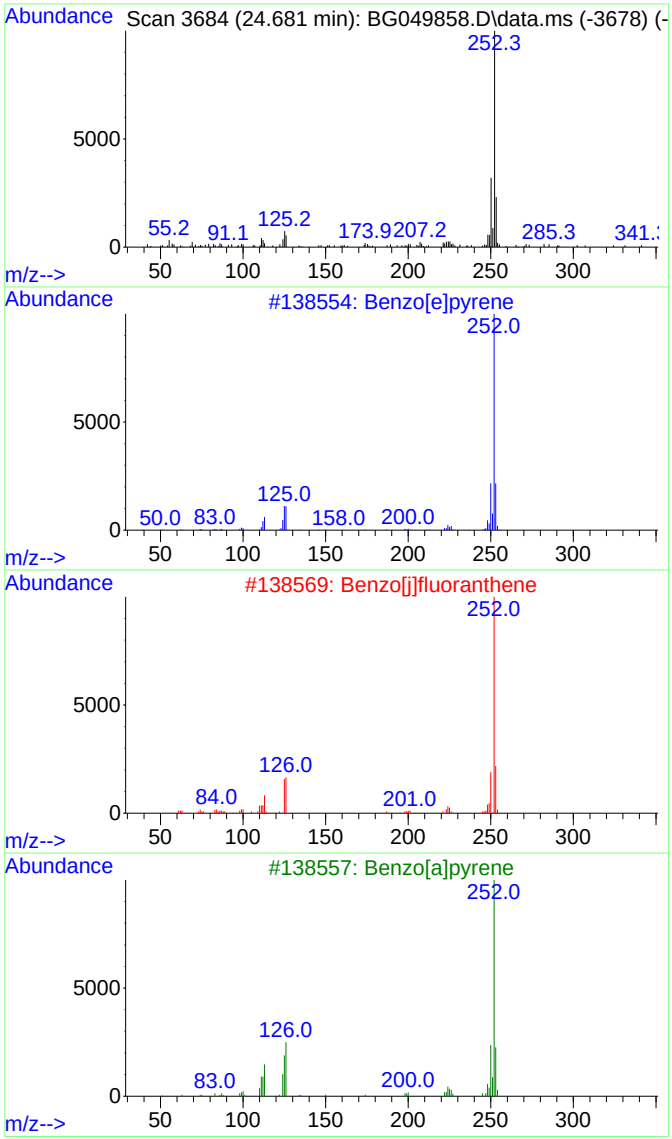
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

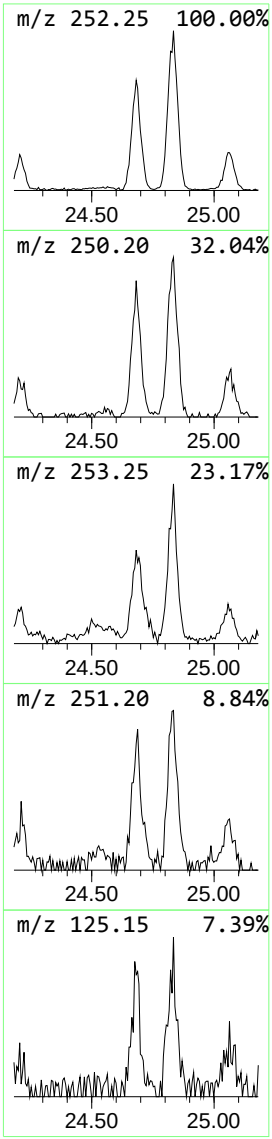
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.681	8.80 ng	196929	Perylene-d12	24.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049858.D
Acq On : 16 Aug 2021 20:28
Operator : CG/JU
Sample : M3407-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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...	3.134	18.1	ng	181726	1	8.027	201270	20.0
2-Pentanone, 4-...	5.102	6.5	ng	65302	1	8.027	201270	20.0
Ethanol, 1-(2-b...	10.618	2.2	ng	30111	2	10.847	278671	20.0
5H-Indeno[1,2-b...	17.838	2.9	ng	66909	4	17.432	460588	20.0
Phenanthrene, 1...	18.314	3.8	ng	88134	4	17.432	460588	20.0
Phenanthrene, 3...	18.361	5.3	ng	121115	4	17.432	460588	20.0
Anthracene, 1-m...	18.443	2.2	ng	50906	4	17.432	460588	20.0
4H-Cyclopenta[d...	18.507	5.6	ng	129890	4	17.432	460588	20.0
5-Chloro-1,2-tr...	18.543	2.0	ng	47152	4	17.432	460588	20.0
5,16[1',2']:8,1...	18.801	2.6	ng	59163	4	17.432	460588	20.0
3,4-Dimethylphe...	19.224	3.0	ng	68288	4	17.432	460588	20.0
Pyrene, 1-methyl-	20.340	3.4	ng	131262	5	21.715	772305	20.0
1-Hexadecanethiol	21.339	3.1	ng	120698	5	21.715	772305	20.0
unknown21.380	21.380	2.2	ng	84240	5	21.715	772305	20.0
Benzo[e]pyrene	24.681	8.8	ng	196929	6	24.987	447654	20.0