LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044842.D
Acq On : 17 Mar 2020 21:10
Operator : CG/JU
Sample : L1893-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SA

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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	9	19	rVV3	64822	138790	2.87%	0.445%
2	3.221	19	22	28	rVB	29991	50086	1.04%	0.161%
3	5.148	343	350	360	rBV	51179	85640	1.77%	0.275%
4	5.612	422	429	439	rBV	1169302	1963137	40.61%	6.298%
5	7.198	690	699	711	rBV	1233697	2224984	46.03%	7.138%
6	8.044	835	843	850	rBV	307683	525628	10.87%	1.686%
7	8.373	890	899	906	rBV	947515	1700868	35.19%	5.457%
8	9.202	1032	1040	1048	rBV	792491	1434752	29.68%	4.603%
9	10.853	1314	1321	1328	rBV	419471	757368	15.67%	2.430%
10	13.303	1731	1738	1747	rVB	2062154	3313931	68.55%	10.632%
11	14.125	1870	1878	1884	rBV	232228	337760	6.99%	1.084%
12	14.678	1964	1972	1979	rBV	722214	1122906	23.23%	3.602%
13	16.164	2216	2225	2231	rBV	1816317	2892385	59.83%	9.279%
14	17.422	2433	2439	2444	rBV	929772	1451327	30.02%	4.656%
15	17.463	2444	2446	2452	rVB	175074	216175	4.47%	0.694%
16	17.551	2457	2461	2467	rVB	35474	54799	1.13%	0.176%
17	18.320	2583	2592	2595	rBV4	130372	248082	5.13%	0.796%
18	18.491	2616	2621	2626	rBV3	55460	126444	2.62%	0.406%
19	19.208	2735	2743	2747	rBV3	46783	92136	1.91%	0.296%
20	19.349	2763	2767	2774	rVB5	33535	62960	1.30%	0.202%
21	19.472	2782	2788	2794	rVB	490413	702699	14.54%	2.254%
22	19.830	2839	2849	2858	rVB	468790	814002	16.84%	2.611%
23	19.948	2865	2869	2872	rVV2	62586	82204	1.70%	0.264%
24	20.036	2875	2884	2893	rBV	3434936	4833983	100.00%	15.508%
25	20.160	2899	2905	2916	rBV5	47216	119366	2.47%	0.383%
26	20.324	2930	2933	2937	rVB3	70757	98487	2.04%	0.316%
27	20.424	2946	2950	2952	rBV	46460	67592	1.40%	0.217%
28	20.483	2956	2960	2964	rVB2	49488	83062	1.72%	0.266%
29	20.665	2988	2991	2995	rVB2	40906	48623	1.01%	0.156%
30	20.888	3025	3029	3037	rVB	100138	153433	3.17%	0.492%
31	21.082	3058	3062	3069	rVB2	45151	86837	1.80%	0.279%
32	21.352	3104	3108	3115	rBV3	296689	486381	10.06%	1.560%
33	21.687	3157	3165	3171	rBV3	871814	1882245	38.94%	6.039%
34	21.734	3171	3173	3182	rVB	212768	306836	6.35%	0.984%

LSC Area Percent Report

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Sample : L1893-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
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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-BG031020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.899	3196	3201	3202	rBV3	35633	56746	1.17%	0.182%
36	23.232	3425	3428	3433	rVB4	41437	60381	1.25%	0.194%
37	23.890	3532	3540	3545	rBV2	162483	462067	9.56%	1.482%
38	24.601	3655	3661	3671	rVB2	102415	307098	6.35%	0.985%
39	24.742	3678	3685	3695	rVB2	151358	407614	8.43%	1.308%
40	24.901	3703	3712	3721	rBV2	469557	1310815	27.12%	4.205%

Sum of corrected areas: 31170629

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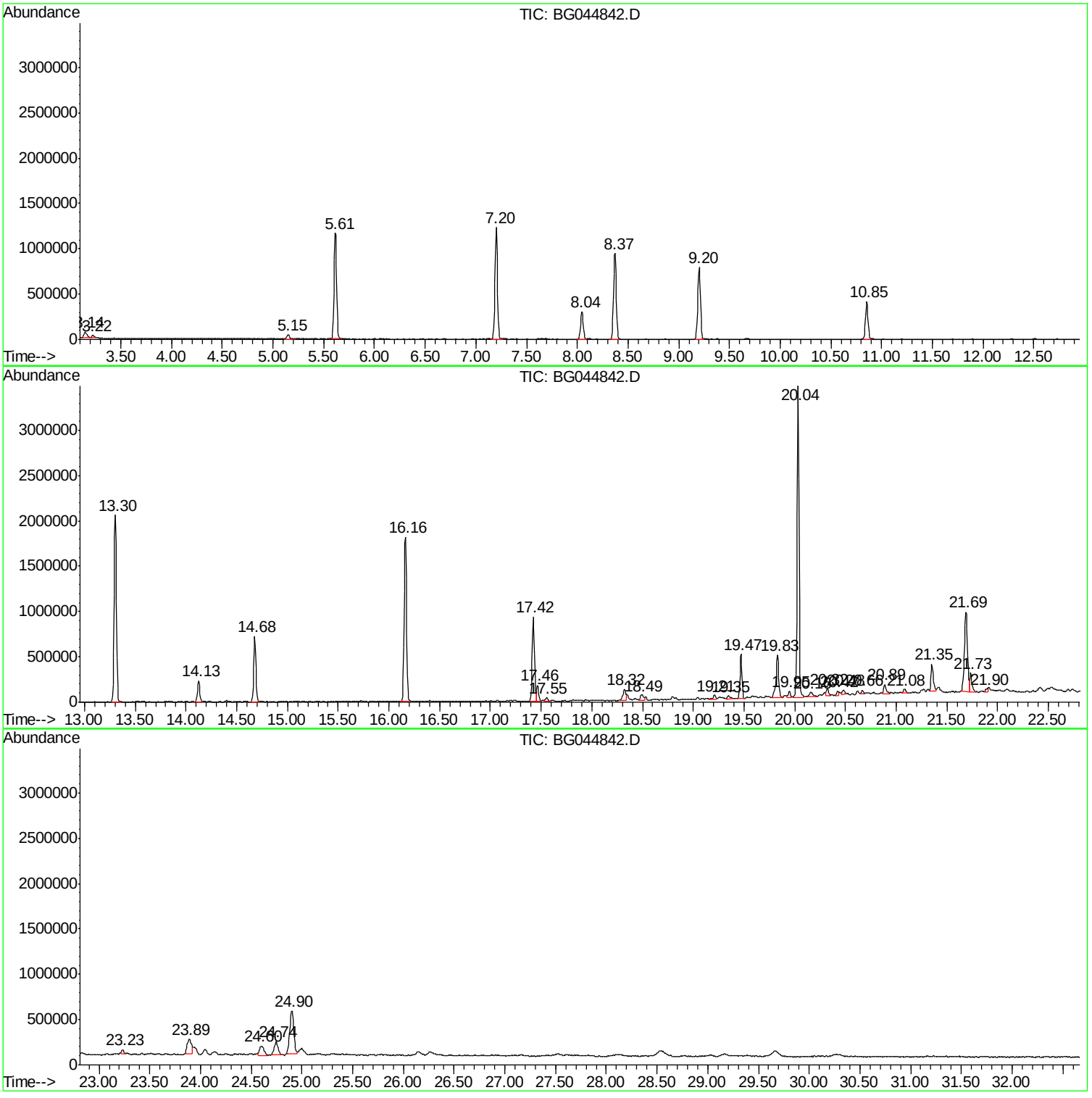
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BG044842.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

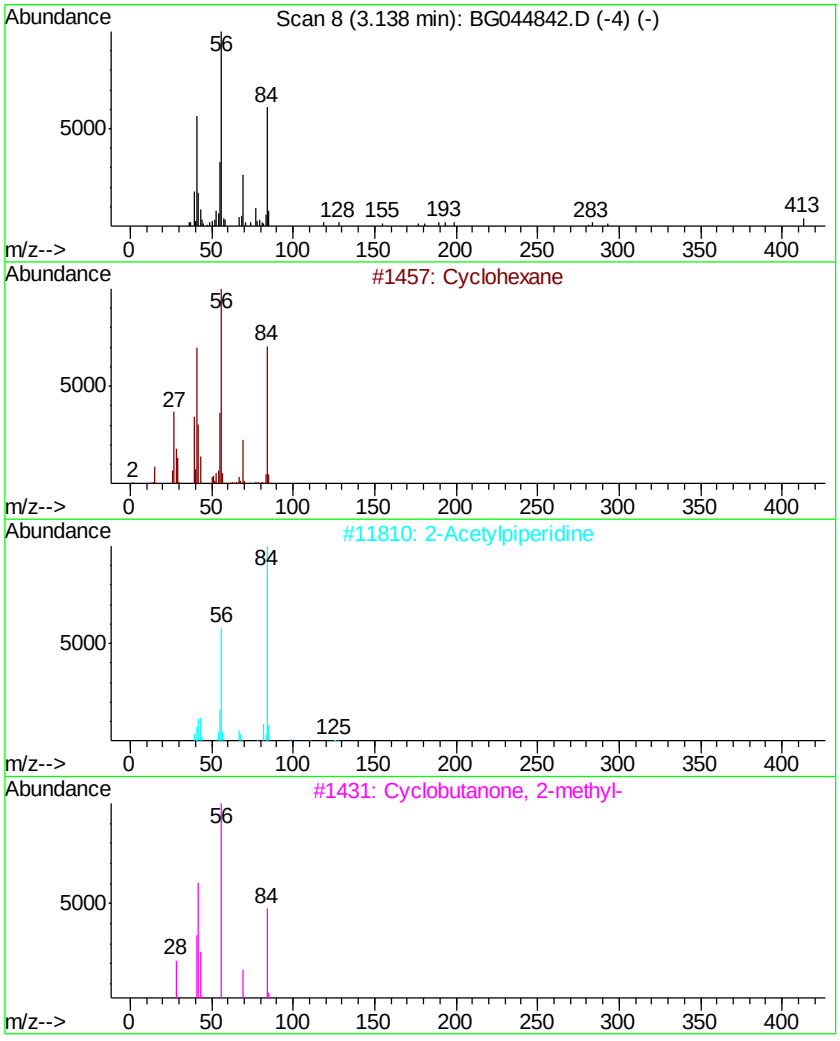
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

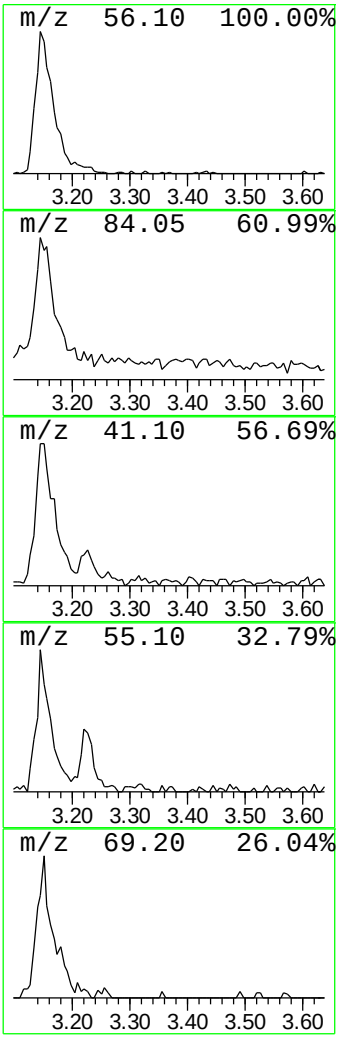
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	5.28 ng	138790	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	2-Acetylpiperidine	127	C7H13NO	097073-22-8	50
3	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	50
4	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	40
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40





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Operator : CG/JU
Sample : L1893-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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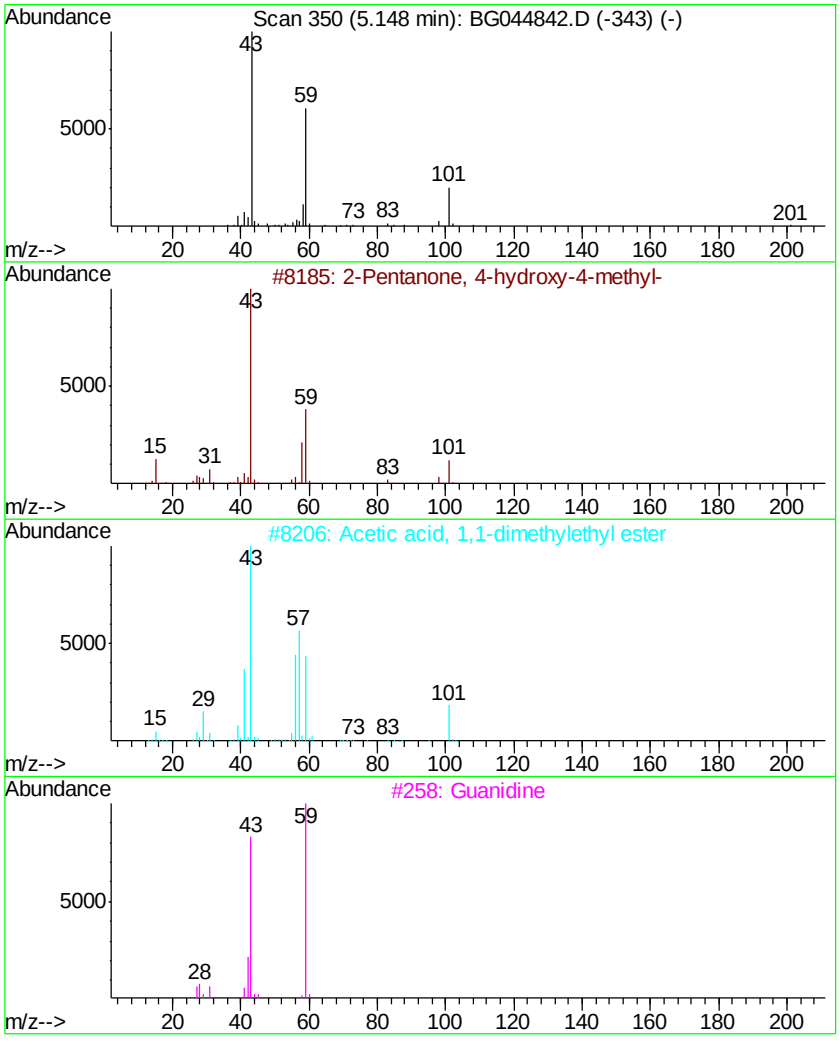
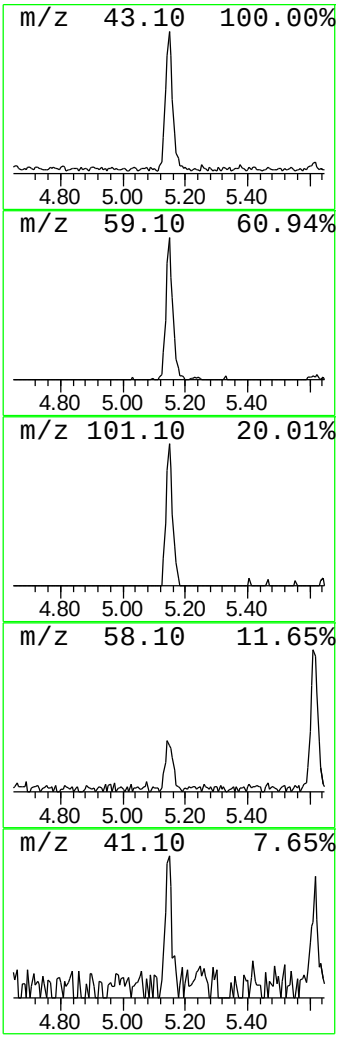
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.26 ng	85640	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Guanidine	59	CH5N3	000113-00-8	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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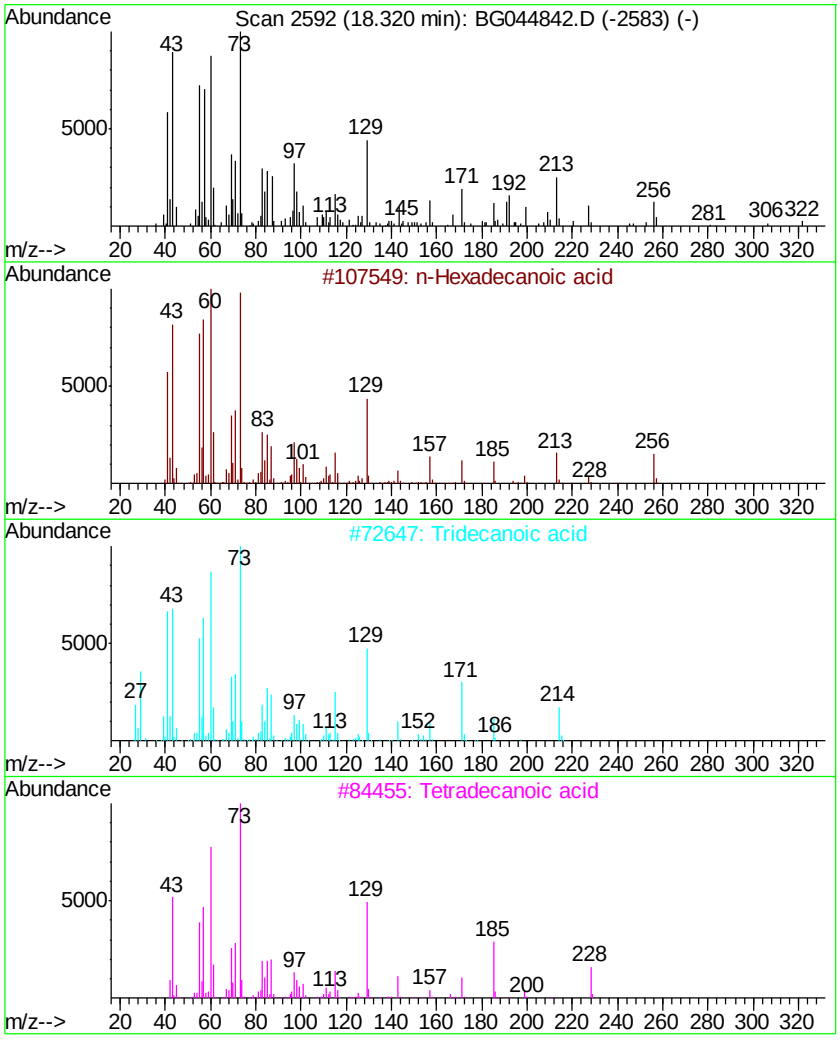
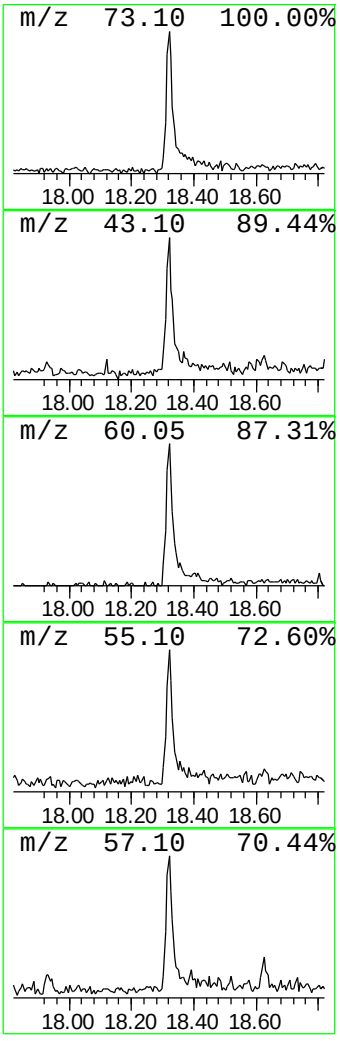
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.42 ng	248082	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
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TIC Library : C:\Database\NIST11.L
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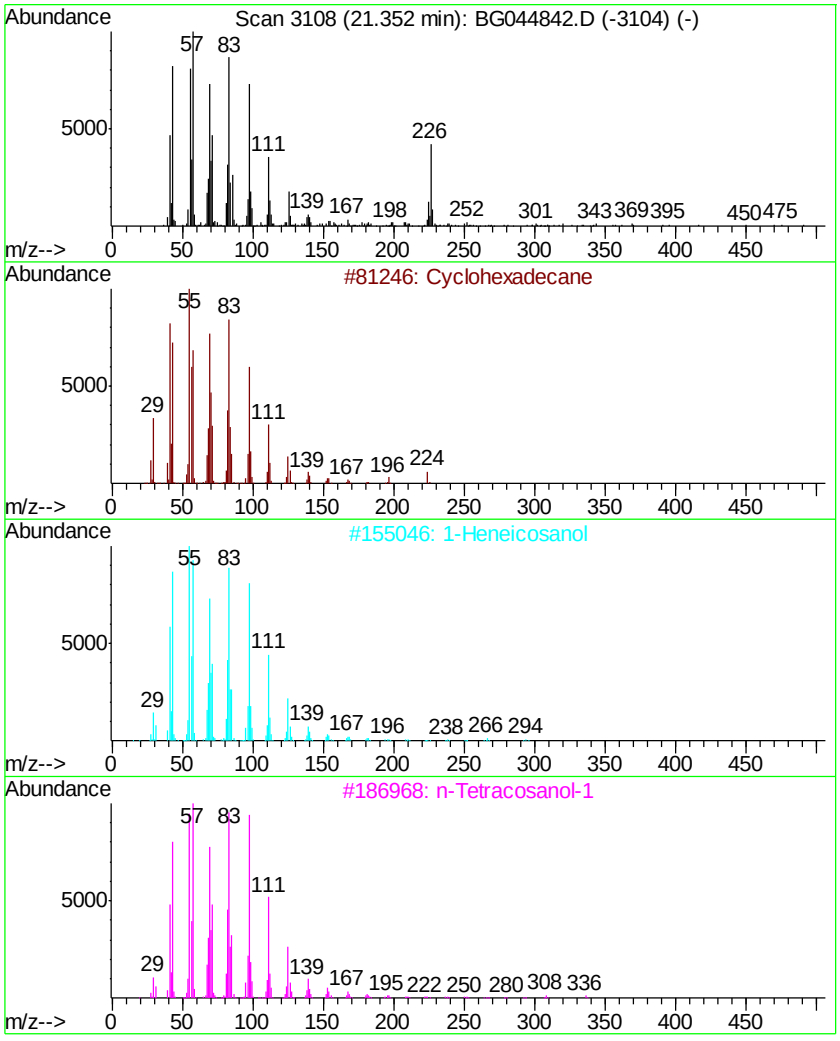
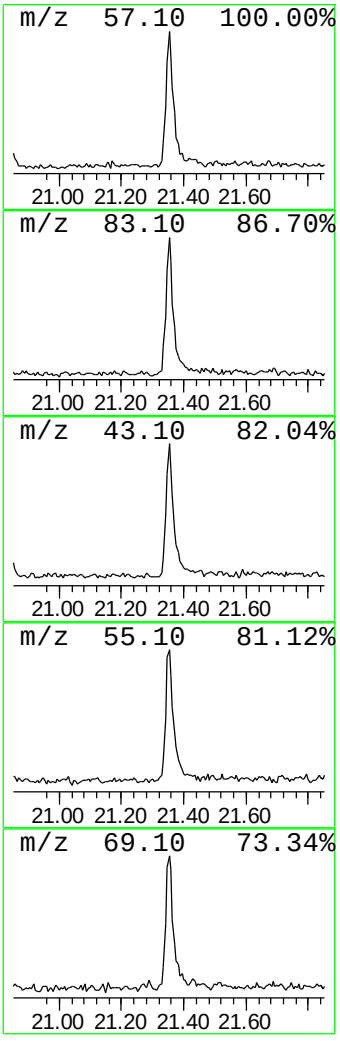
Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.17 ng	486381	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

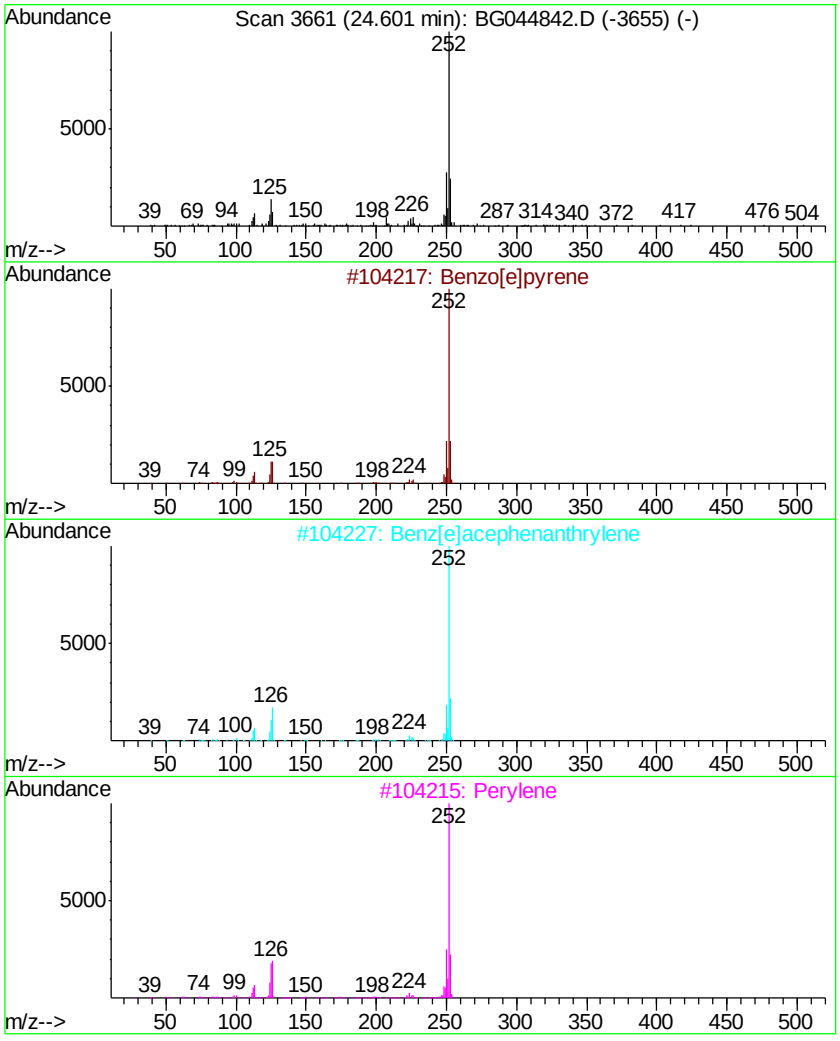
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

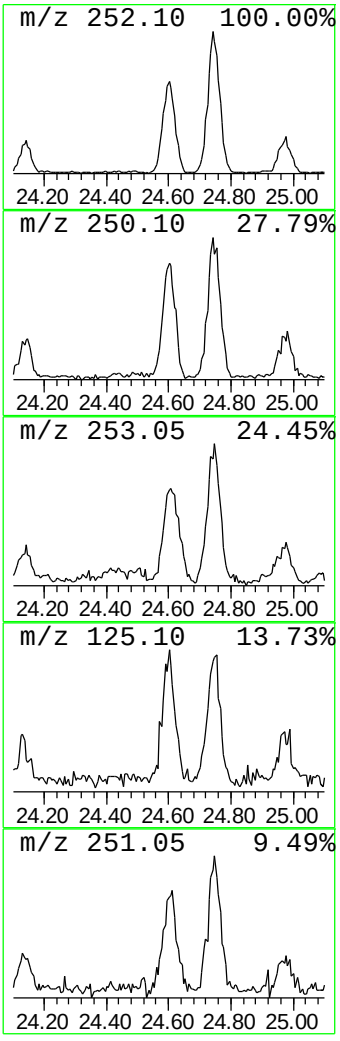
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	4.69 ng	307098	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.14	5.3	ng	138790	1	8.04	525628	20.0
2-Pentanone, 4-hy...	5.15	3.3	ng	85640	1	8.04	525628	20.0
n-Hexadecanoic acid	18.32	3.4	ng	248082	4	17.42	1451330	20.0
Cyclohexadecane	21.35	5.2	ng	486381	5	21.69	1882250	20.0
Benzo[e]pyrene	24.60	4.7	ng	307098	6	24.90	1310820	20.0