LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036719.D
Acq On : 14 Sep 2018 23:56
Operator : JU/SJ
Sample : J4892-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-10-091118

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-BG082318.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	5.618	389	396	408	rBV	399885	646516	15.76%	3.133%
2	7.204	658	666	678	rBV	252327	446495	10.88%	2.164%
3	7.580	723	730	737	rBV	751388	1264015	30.81%	6.125%
4	8.050	802	810	816	rBV	206800	340946	8.31%	1.652%
5	8.373	856	865	873	rBV	701733	1213684	29.58%	5.881%
6	9.208	1000	1007	1016	rBV	608206	1095577	26.70%	5.309%
7	10.853	1280	1287	1295	rBV	279147	493901	12.04%	2.393%
8	13.297	1696	1703	1712	rBV	1708486	2689614	65.55%	13.033%
9	14.120	1836	1843	1849	rBV	241367	359413	8.76%	1.742%
10	14.672	1931	1937	1946	rBV2	452992	757219	18.46%	3.669%
11	16.158	2183	2190	2205	rBV	1464214	2236229	54.50%	10.836%
12	17.416	2398	2404	2411	rBV2	645287	992121	24.18%	4.808%
13	18.303	2550	2555	2561	rBV4	26069	53001	1.29%	0.257%
14	19.572	2767	2771	2783	rBV5	26338	69775	1.70%	0.338%
15	20.024	2842	2848	2858	rVB	3122465	4103055	100.00%	19.883%
16	21.335	3065	3071	3077	rBV	412620	581621	14.18%	2.818%
17	21.681	3123	3130	3139	rBV	660359	1069678	26.07%	5.183%
18	21.875	3159	3163	3171	rVB3	33430	50738	1.24%	0.246%
19	22.492	3261	3268	3278	rBV2	335321	561167	13.68%	2.719%
20	23.174	3378	3384	3390	rBV	73319	131442	3.20%	0.637%
21	23.362	3409	3416	3424	rBV	38957	80629	1.97%	0.391%
22	23.973	3513	3520	3530	rBV3	61799	145881	3.56%	0.707%
23	24.889	3665	3676	3690	rVB2	385805	1176035	28.66%	5.699%
24	26.035	3865	3871	3880	rVB6	28093	77574	1.89%	0.376%

Sum of corrected areas: 20636326

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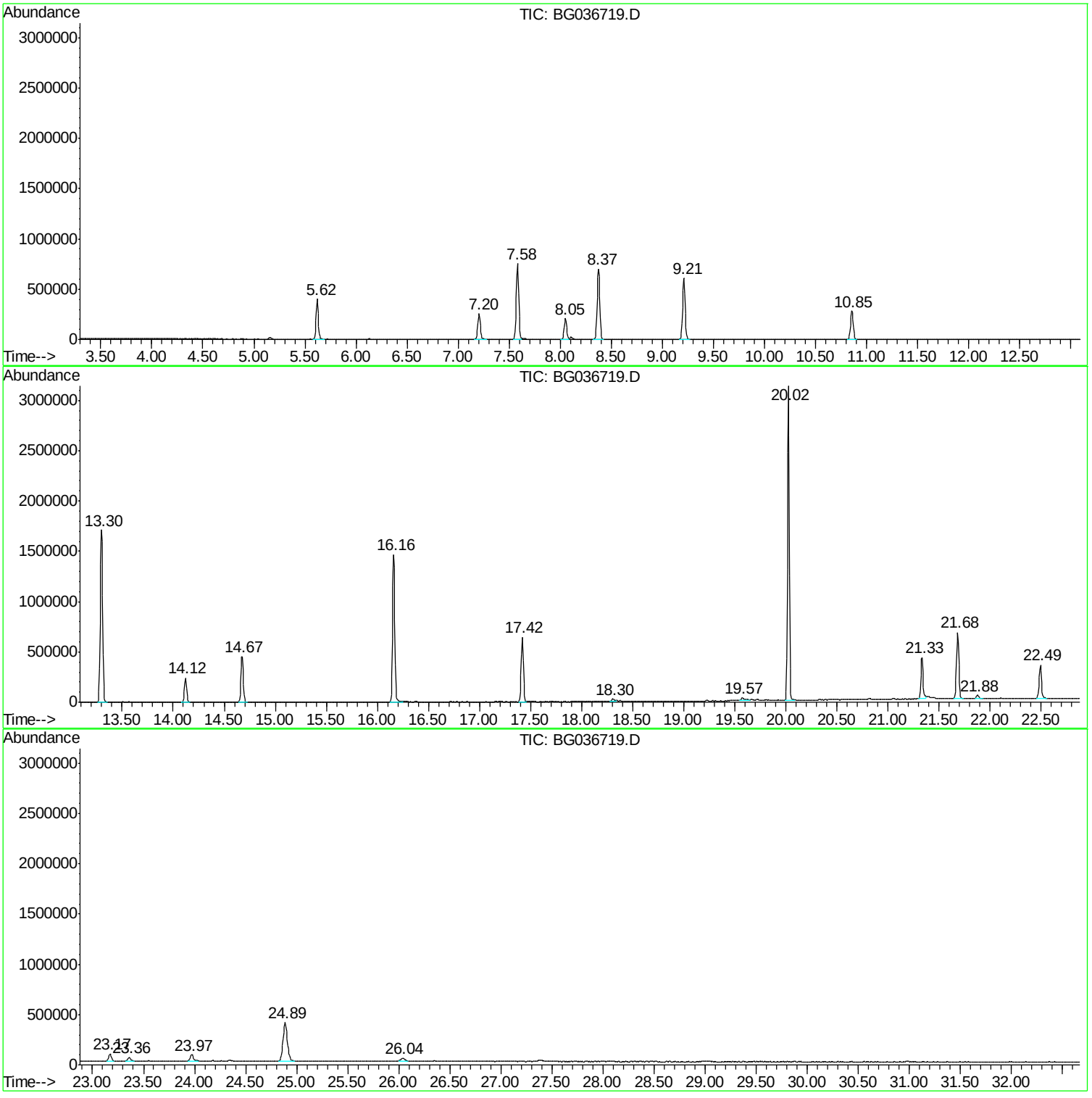
Instrument :
BNA_G
ClientSampleId :
C-MW-10-091118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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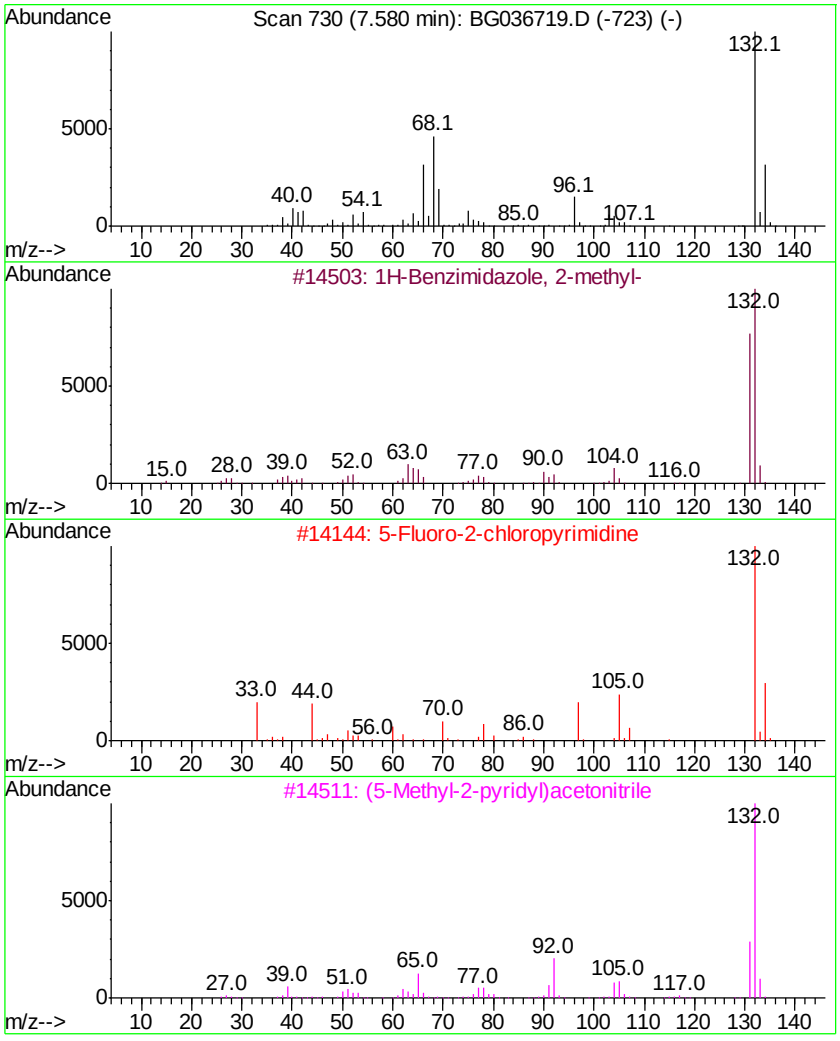
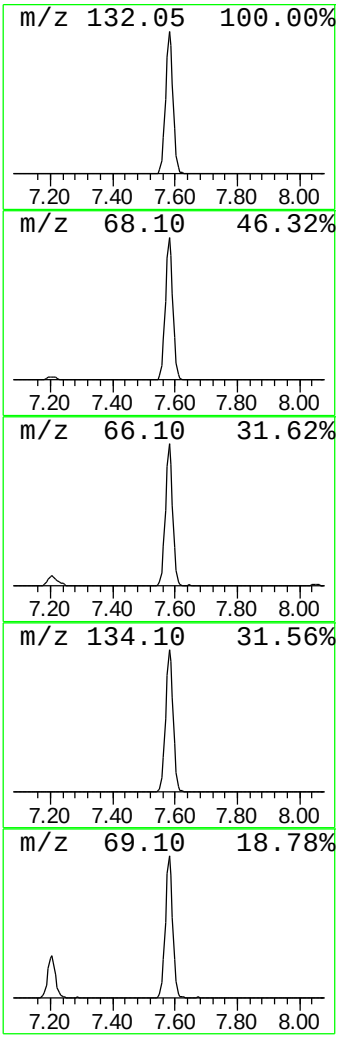
Peak Number 1 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	74.15 ng	1264020	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

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Operator : JU/SJ
Sample : J4892-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-10-091118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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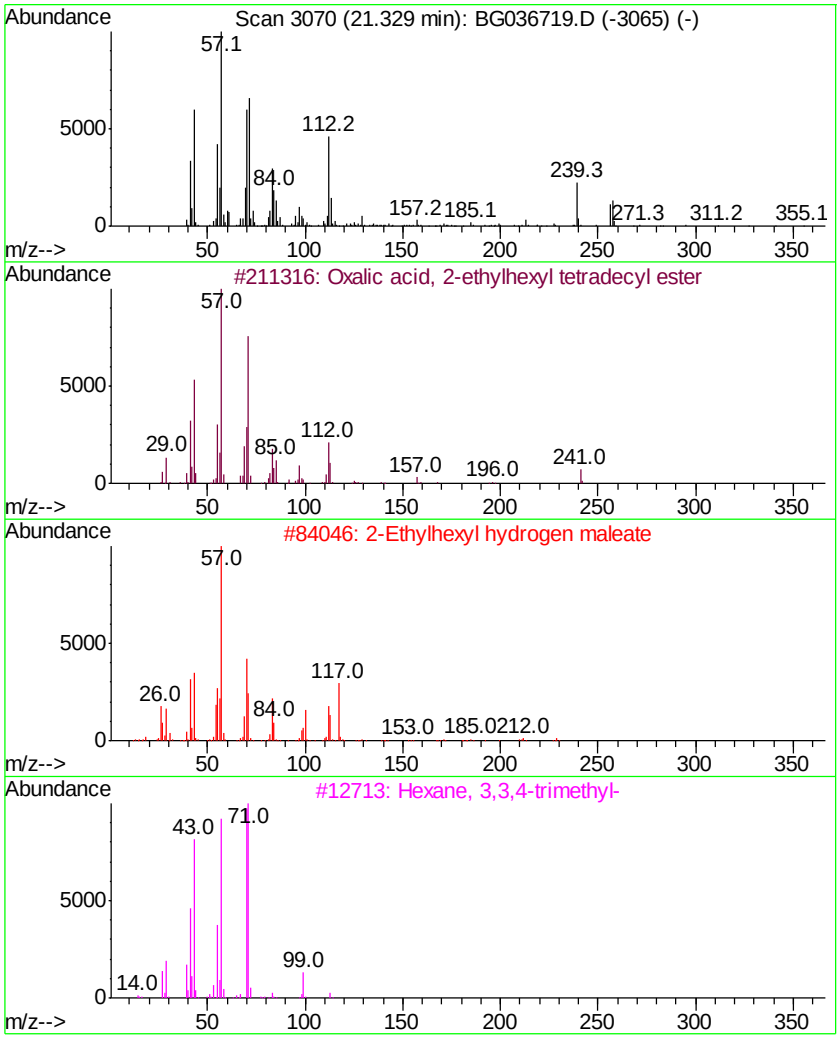
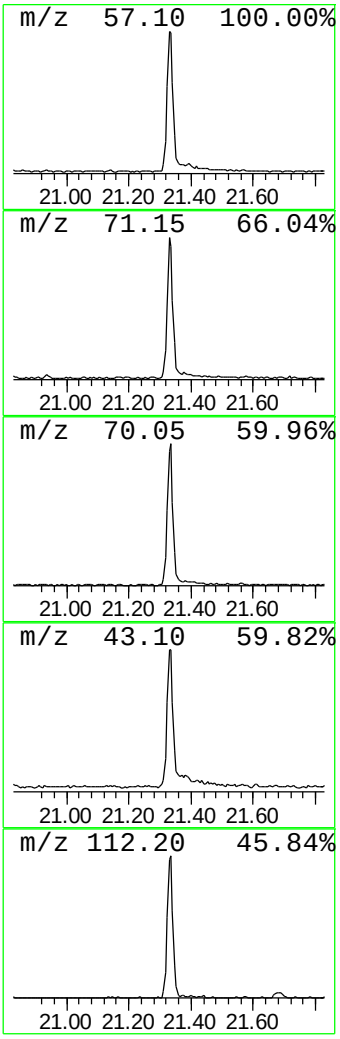
Peak Number 3 unknown21.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	10.87 ng	581621	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	38
2	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	30
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	27
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	27
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	27





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Operator : JU/SJ
Sample : J4892-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-MW-10-091118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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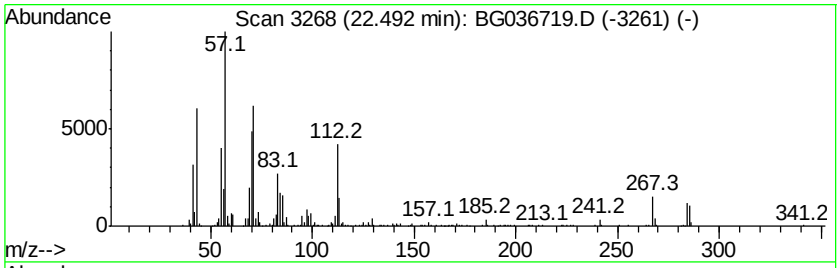
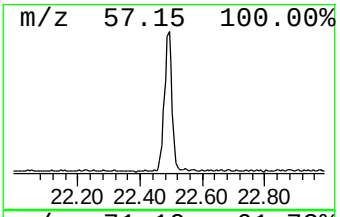
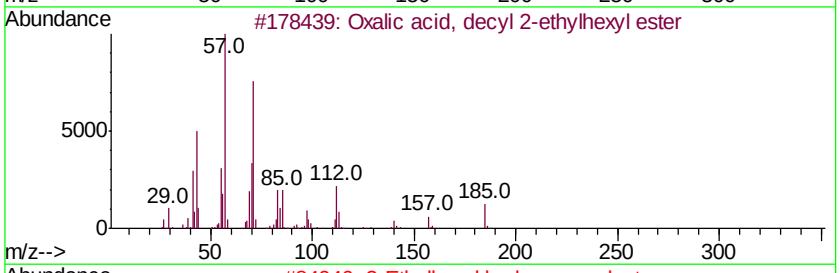
Peak Number 4 unknown22.49 Concentration Rank 4

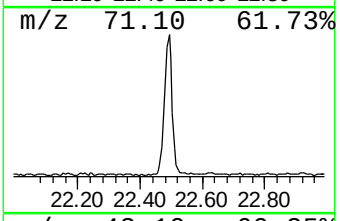
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	10.49 ng	561167	Chrysene-d12	21.68

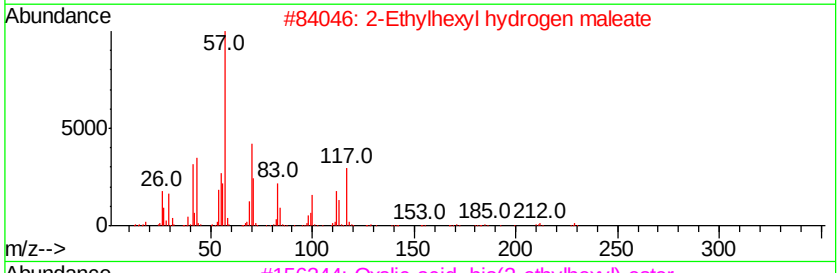
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	46
2	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	41
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	38
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	30
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	30

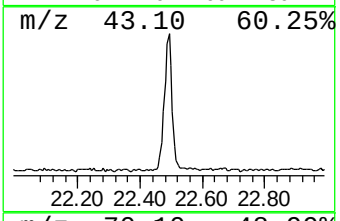


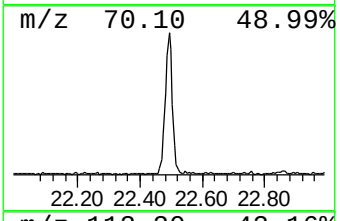


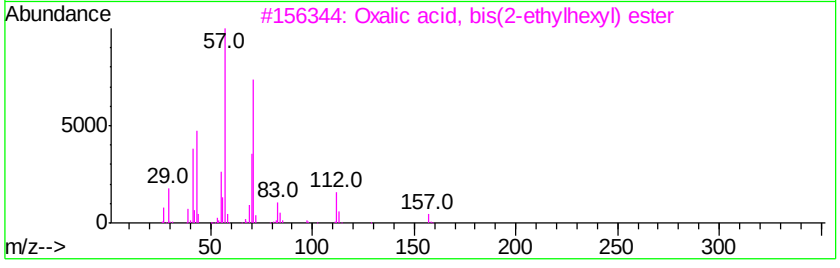


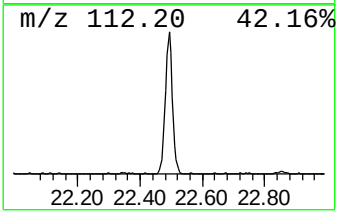












Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

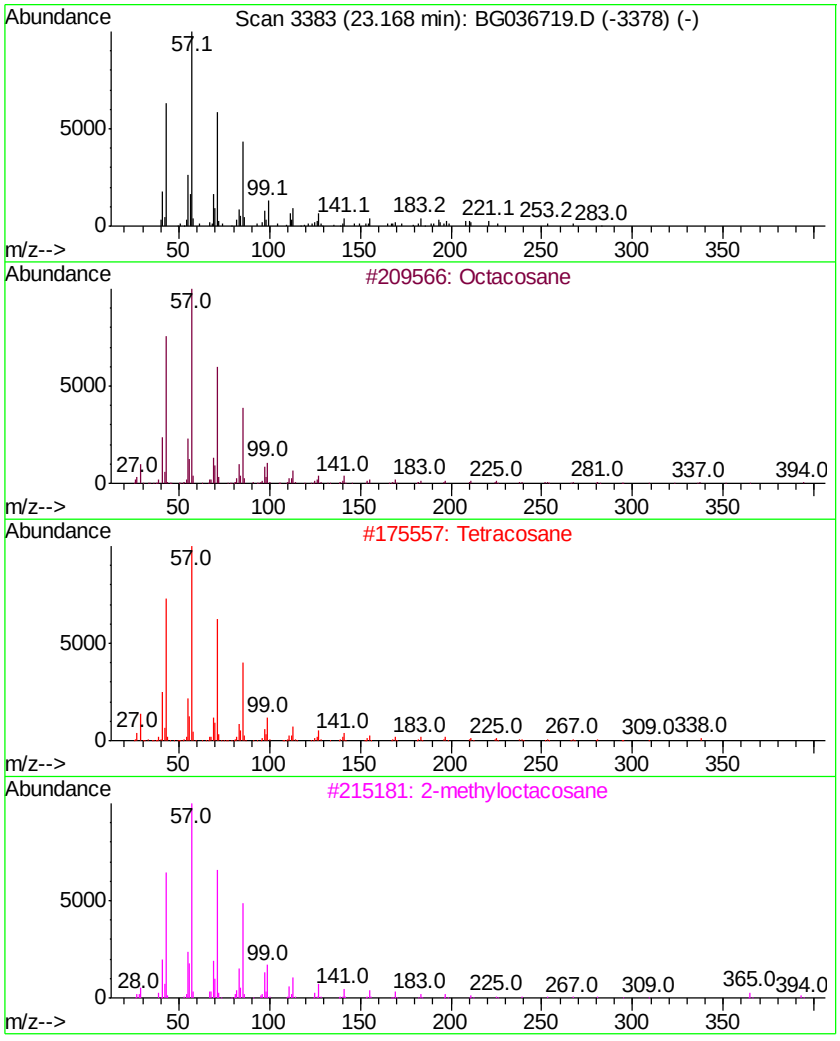
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

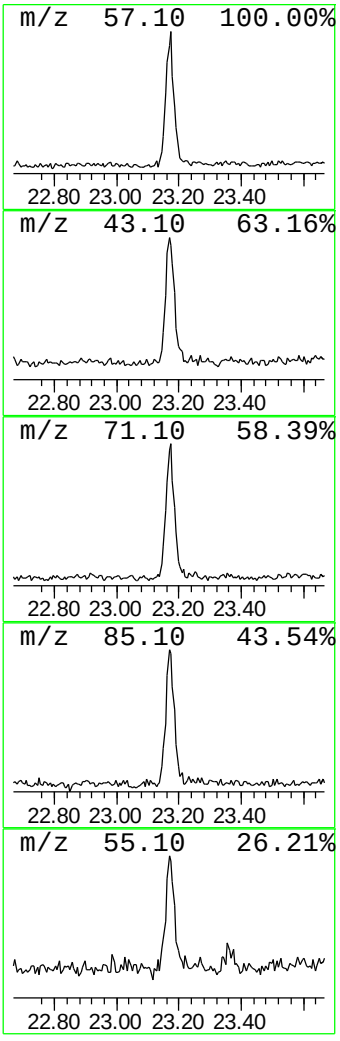
****

Peak Number 5 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.46 ng	131442	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Hexacosane	366	C26H54	000630-01-3	86





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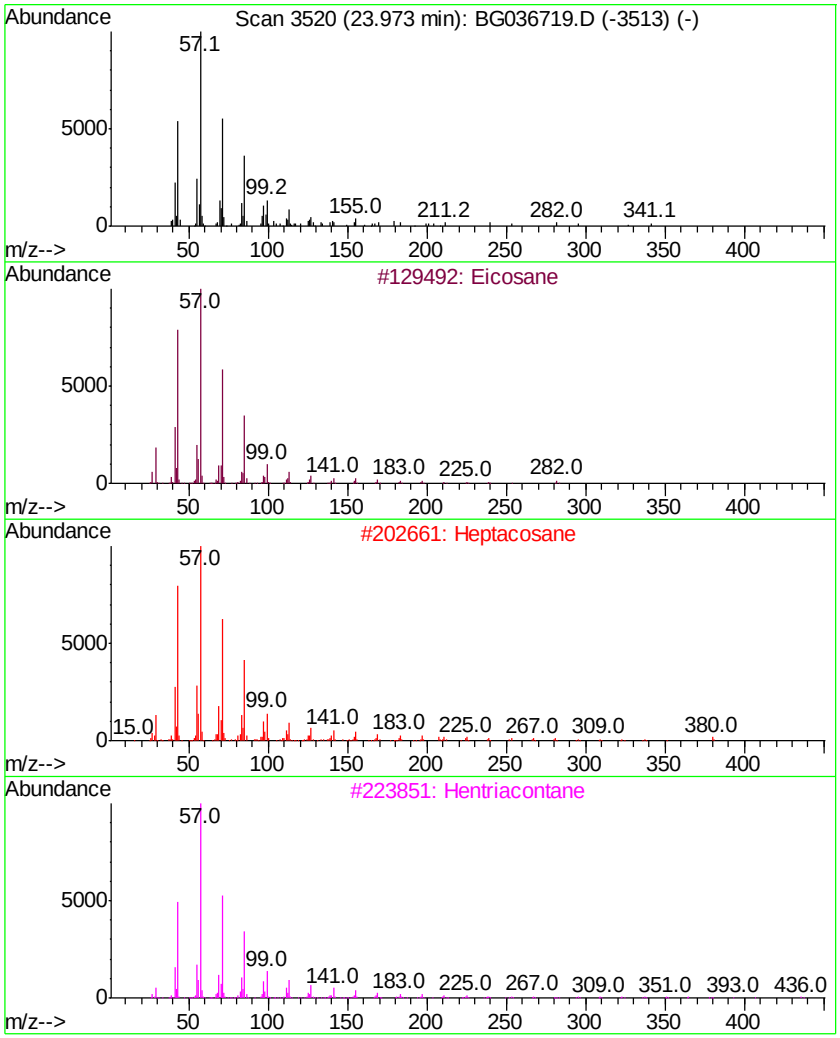
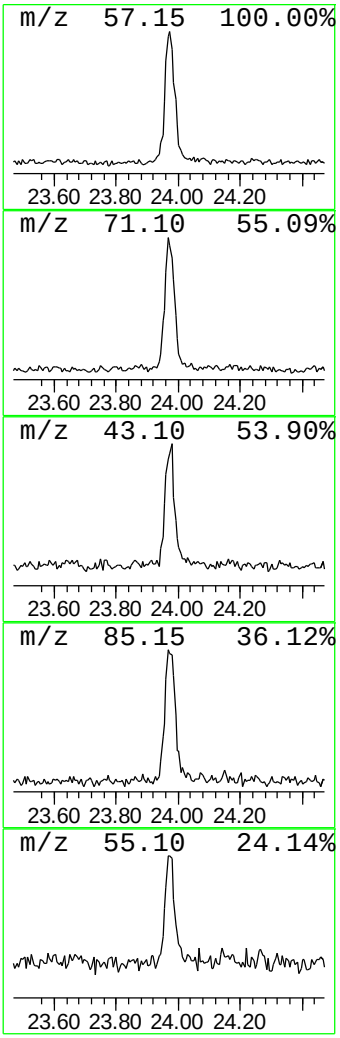
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.48 ng	145881	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.58	7.58	74.2	ng	1264020	1	8.05	340946	20.0
unknown21.33	21.33	10.9	ng	581621	5	21.68	1069680	20.0
unknown22.49	22.49	10.5	ng	561167	5	21.68	1069680	20.0
Octacosane	23.17	2.5	ng	131442	5	21.68	1069680	20.0
Eicosane	23.97	2.5	ng	145881	6	24.88	1176040	20.0