LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045641.D
Acq On : 8 Jun 2020 13:36
Operator : CG/JU
Sample : L2903-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG051520.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	5.534	409	416	428	rBV	611587	1078183	17.09%	4.179%
2	7.137	678	689	703	rBV	535443	975147	15.45%	3.780%
3	7.948	818	827	834	rBV	234075	415581	6.59%	1.611%
4	8.271	873	882	892	rBV	1013226	1786796	28.31%	6.926%
5	9.105	1016	1024	1037	rBV	856138	1642706	26.03%	6.368%
6	10.750	1297	1304	1312	rBV	305602	576068	9.13%	2.233%
7	13.212	1716	1723	1735	rBV	2445925	4066996	64.45%	15.765%
8	14.040	1858	1864	1870	rBV	247239	372079	5.90%	1.442%
9	14.592	1949	1958	1967	rBV	532885	841287	13.33%	3.261%
10	16.084	2205	2212	2227	rBV	2147505	3506531	55.57%	13.592%
11	17.341	2419	2426	2438	rBV	622598	1007655	15.97%	3.906%
12	19.961	2865	2872	2880	rBV	4476119	6310476	100.00%	24.461%
13	21.260	3088	3093	3098	rBV	165312	263113	4.17%	1.020%
14	21.600	3144	3151	3159	rBV	668516	1113559	17.65%	4.316%
15	21.794	3181	3184	3191	rVB3	58519	89884	1.42%	0.348%
16	22.393	3282	3286	3297	rVB3	66111	121450	1.92%	0.471%
17	23.069	3397	3401	3409	rVB2	70463	142266	2.25%	0.551%
18	23.856	3530	3535	3543	rVB3	69038	155090	2.46%	0.601%
19	24.743	3677	3686	3701	rVB2	389651	1215850	19.27%	4.713%
20	25.883	3873	3880	3887	rVB4	42512	117313	1.86%	0.455%

Sum of corrected areas: 25798030

LSC Report - Integrated Chromatogram

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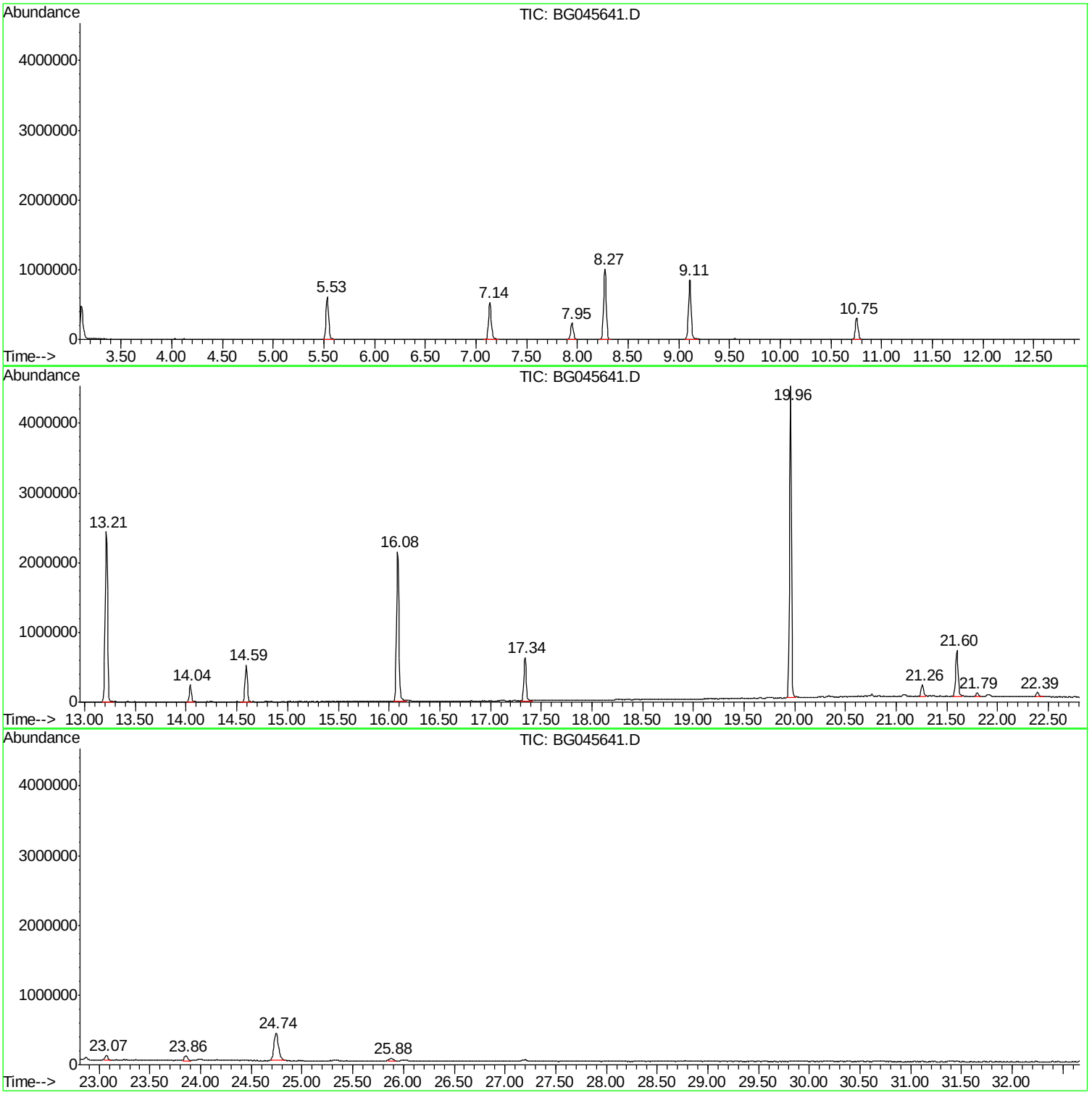
Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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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Data File : BG045641.D
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Operator : CG/JU
Sample : L2903-02
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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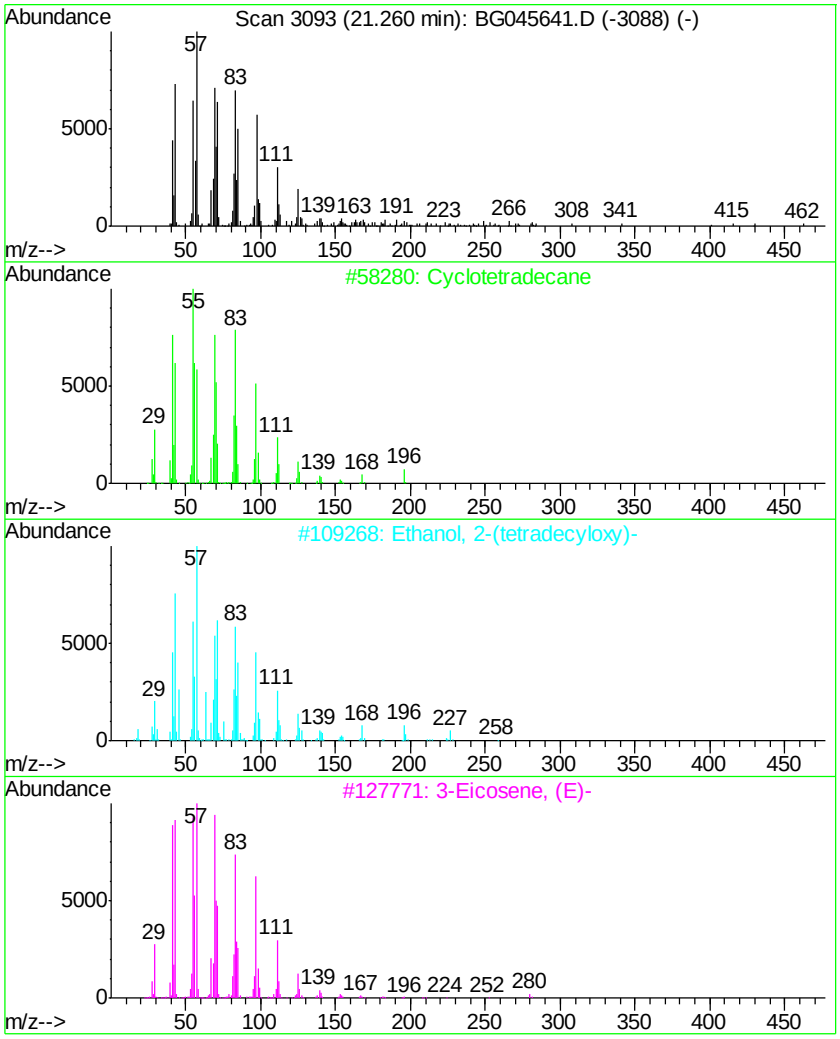
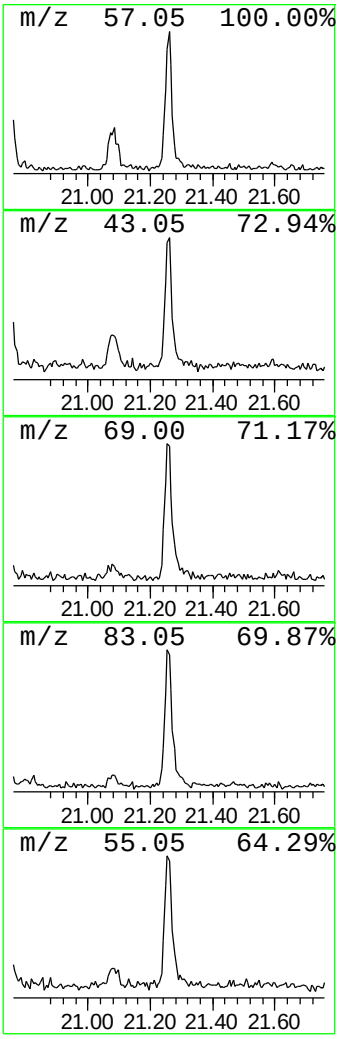
Peak Number 2 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	4.73 ng	263113	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	89
5	1-Docosene	308	C22H44	001599-67-3	86





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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TIC Library : C:\Database\NIST11.L
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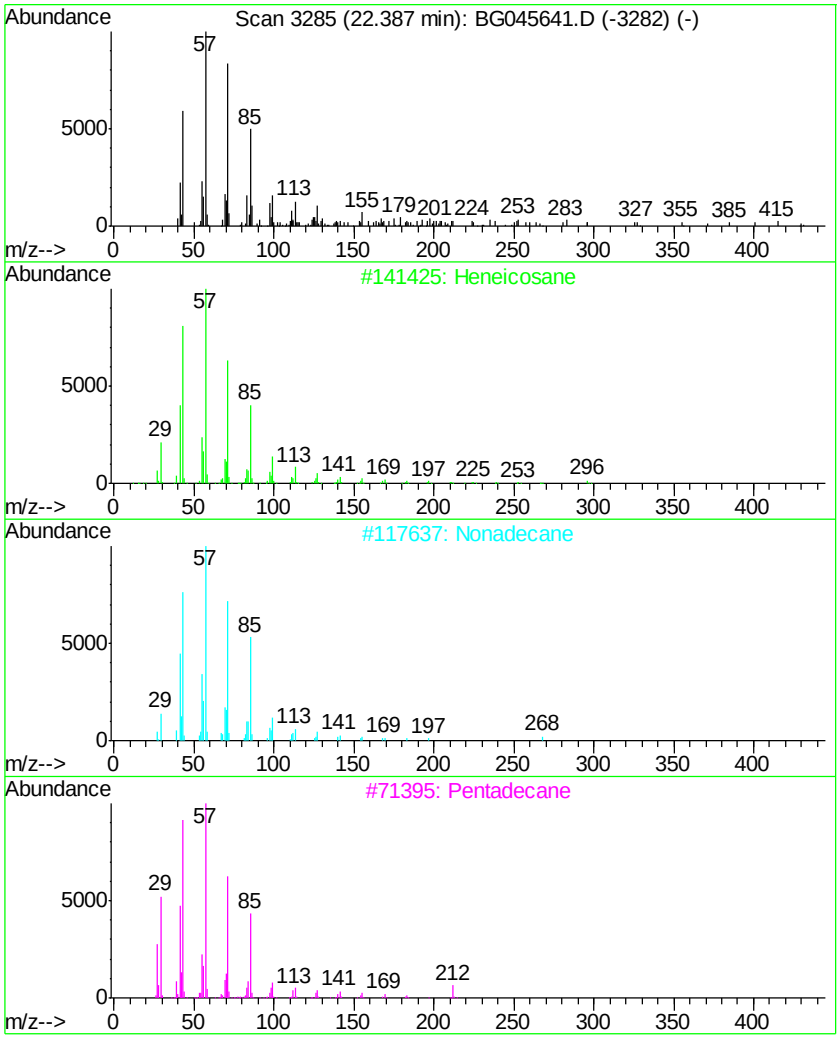
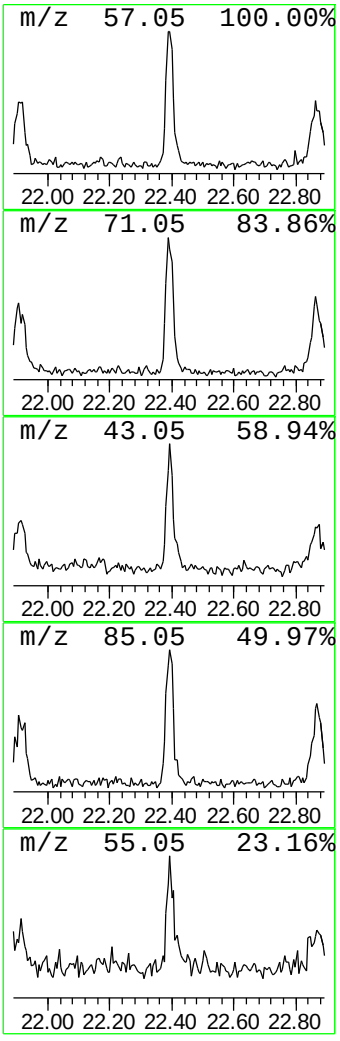
Peak Number 3 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.18 ng	121450	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentadecane	212	C15H32	000629-62-9	93
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : CG/JU
Sample : L2903-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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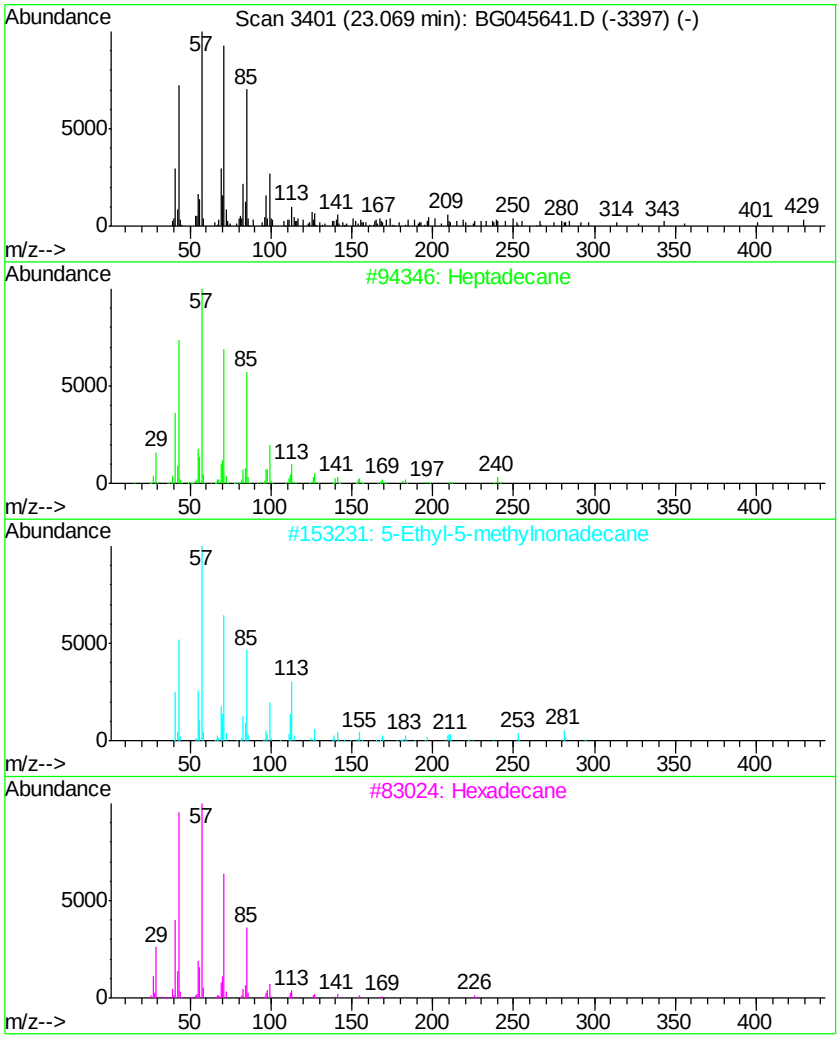
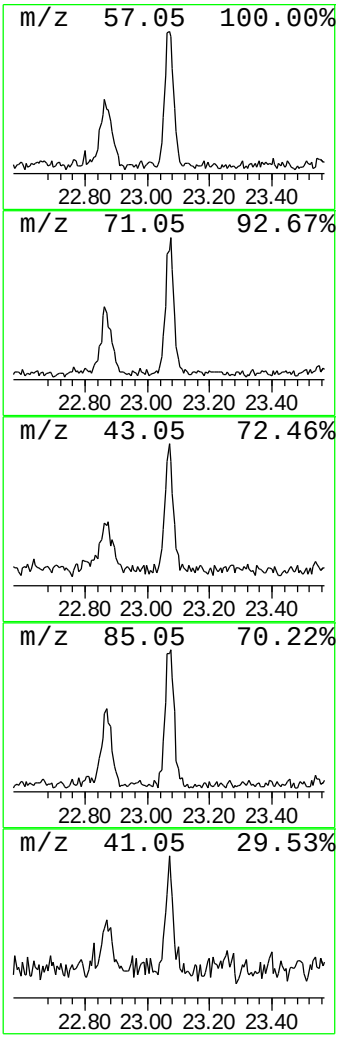
Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	2.56 ng	142266	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
3	Hexadecane	226	C16H34	000544-76-3	74
4	Eicosane	282	C20H42	000112-95-8	74
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	64





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Instrument : BNA_G
ClientSampleId : MW-3

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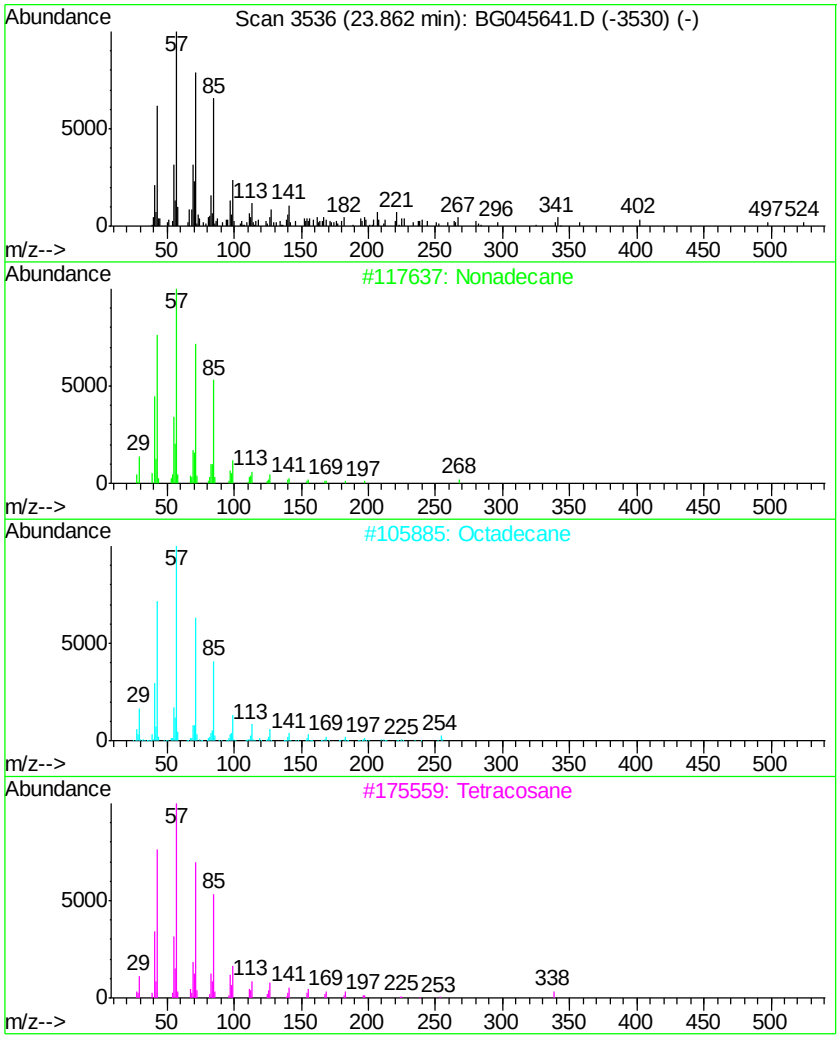
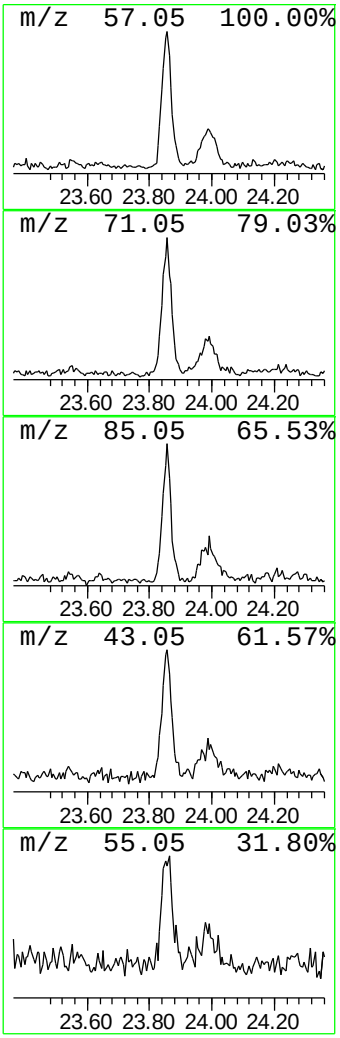
Peak Number 5 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.55 ng	155090	Perylene-d12	24.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Triacontane	422	C30H62	000638-68-6	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





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
Cyclotetradecane	21.26	4.7	ng	263113	5	21.60	1113560	20.0
Heneicosane	22.39	2.2	ng	121450	5	21.60	1113560	20.0
Heptadecane	23.07	2.6	ng	142266	5	21.60	1113560	20.0
Nonadecane	23.86	2.5	ng	155090	6	24.74	1215850	20.0