LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046486.D
Acq On : 1 Sep 2020 15:43
Operator : CG/JU
Sample : L3854-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ216-355

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-BG082520.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	3.129	3	7	29	rVB	279769	528827	7.43%	1.637%
2	5.520	405	414	429	rBV	566280	933134	13.10%	2.889%
3	7.101	675	683	695	rBV	548755	959345	13.47%	2.970%
4	7.935	818	825	832	rBV	199178	341810	4.80%	1.058%
5	9.081	1013	1020	1030	rBV	347962	644297	9.05%	1.994%
6	10.726	1293	1300	1310	rBV	266969	470674	6.61%	1.457%
7	13.182	1711	1718	1727	rBV	846646	1271067	17.85%	3.935%
8	14.010	1854	1859	1865	rBV	80540	122754	1.72%	0.380%
9	14.562	1945	1953	1960	rBV	408780	646190	9.07%	2.000%
10	15.121	2042	2048	2050	rBV	37274	71639	1.01%	0.222%
11	16.049	2199	2206	2215	rBV	855800	1314787	18.46%	4.070%
12	17.306	2414	2420	2426	rBV	595201	923414	12.97%	2.859%
13	19.392	2758	2775	2791	rVB	1613497	7121256	100.00%	22.045%
14	19.921	2859	2865	2876	rVB	1639859	2211054	31.05%	6.845%
15	20.755	2996	3007	3021	rBV	1771395	5520283	77.52%	17.089%
16	21.166	3071	3077	3082	rBV3	92320	212047	2.98%	0.656%
17	21.225	3082	3087	3092	rVV2	193491	336654	4.73%	1.042%
18	21.284	3093	3097	3102	rVB	144232	198749	2.79%	0.615%
19	21.513	3131	3136	3137	rBV2	119070	164680	2.31%	0.510%
20	21.548	3137	3142	3160	rVB	855111	1784141	25.05%	5.523%
21	21.766	3175	3179	3191	rVB6	41574	134845	1.89%	0.417%
22	22.013	3210	3221	3237	rVB2	1021490	3101436	43.55%	9.601%
23	22.347	3274	3278	3288	rVB2	60760	113100	1.59%	0.350%
24	23.017	3387	3392	3398	rVB	90955	155015	2.18%	0.480%
25	23.523	3464	3478	3493	rVB3	227701	1068184	15.00%	3.307%
26	23.787	3518	3523	3531	rVB3	126136	273687	3.84%	0.847%
27	24.657	3662	3671	3677	rBV	485292	1448728	20.34%	4.485%
28	25.779	3857	3862	3872	rVB4	83033	232012	3.26%	0.718%

Sum of corrected areas: 32303809

LSC Report - Integrated Chromatogram

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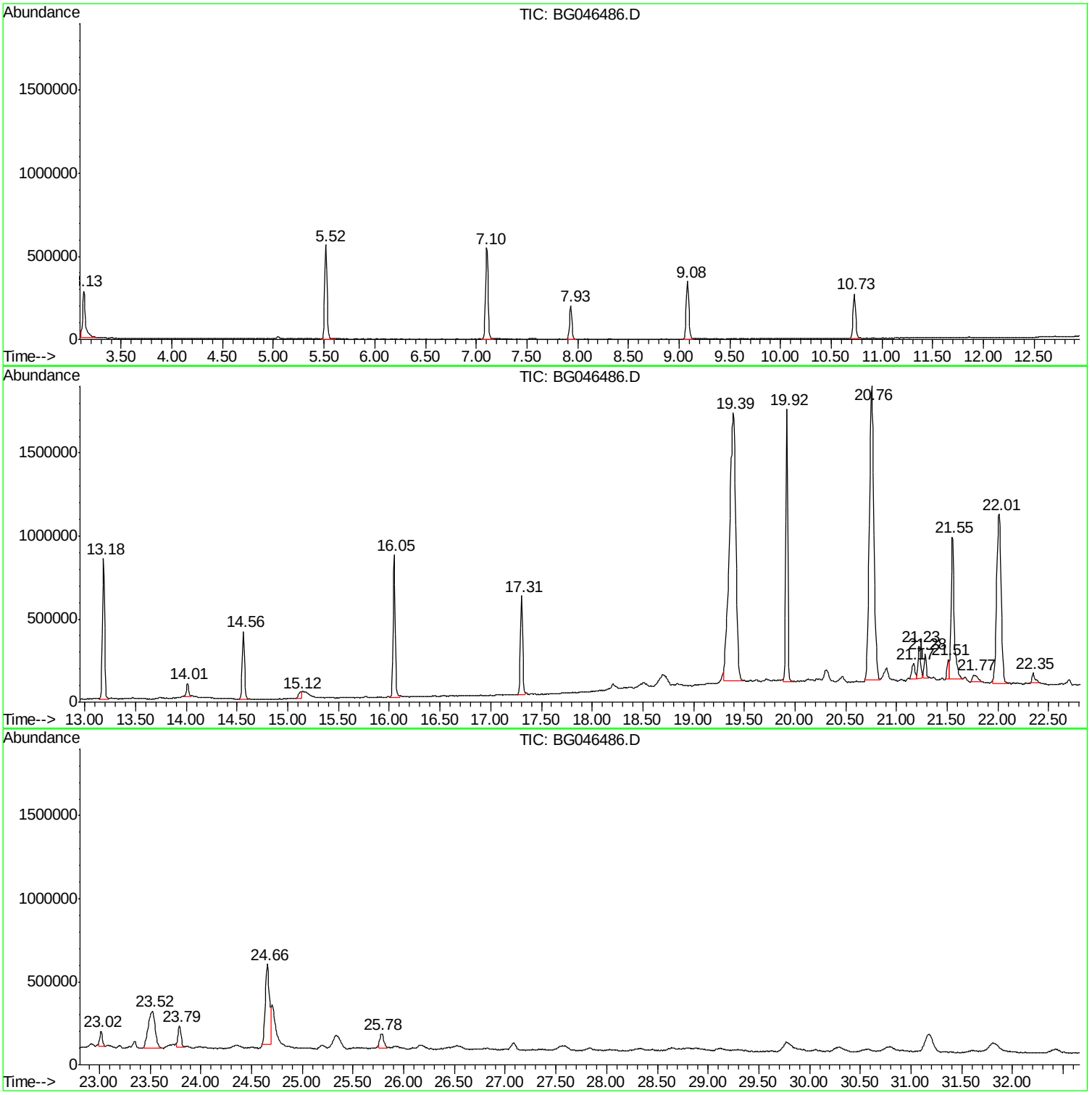
Operator : CG/JU
Sample : L3854-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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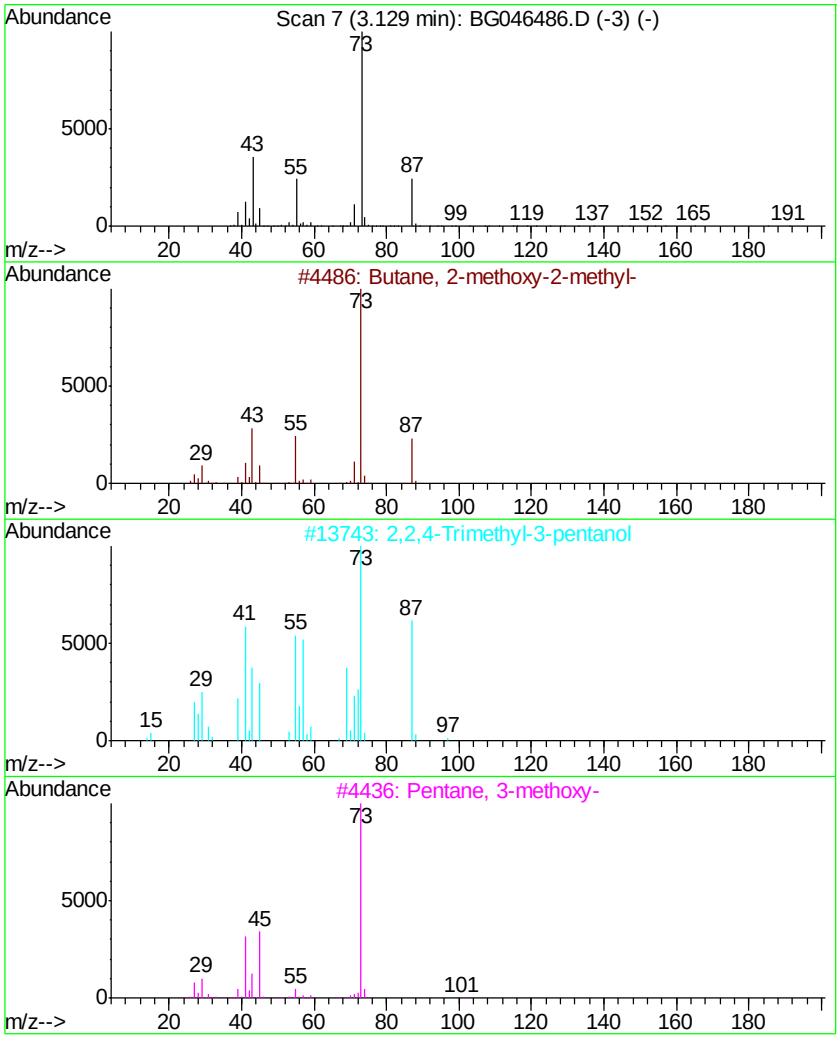
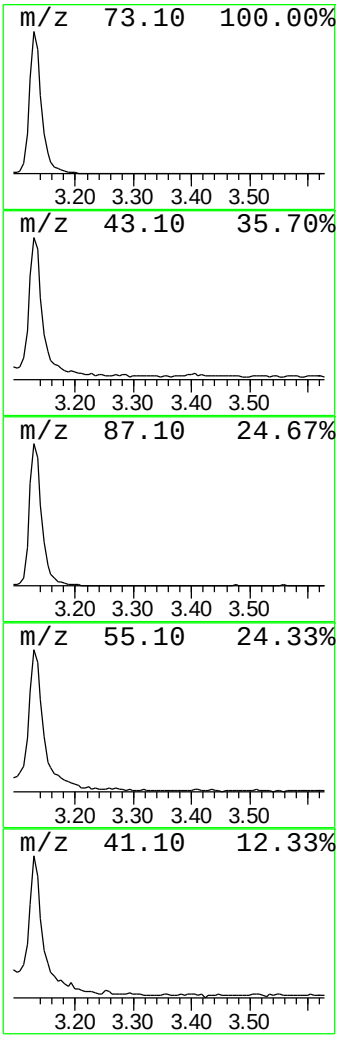
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	30.94 ng	528827	1,4-Dichlorobenzene-d4	7.93

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Operator : CG/JU
Sample : L3854-05
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Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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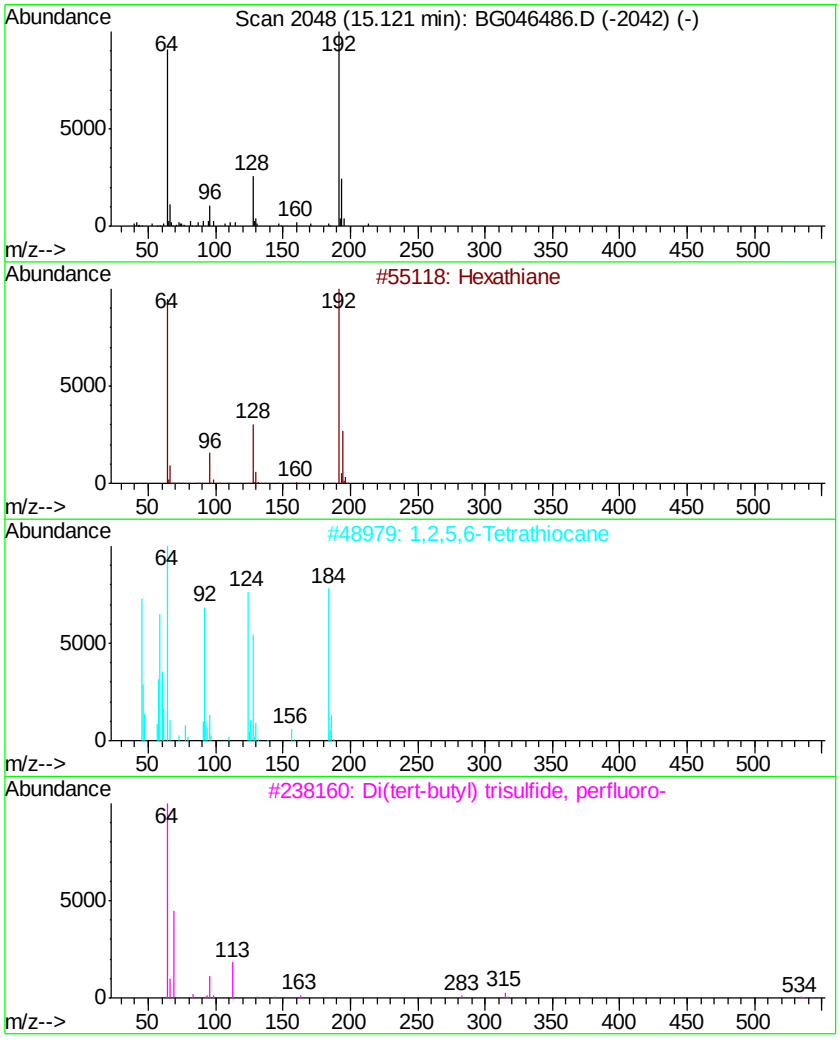
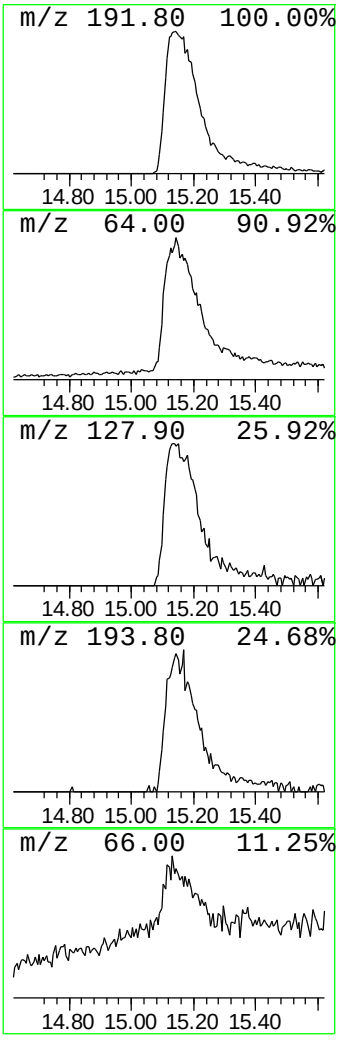
Peak Number 2 Hexathiane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.22 ng	71639	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	95
2	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	36
3	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	36
4	3-Methyl-4-chloro-1,2-dehydro-1-...	192	C7H10ClO2P	1000306-50-3	9
5	2,4-Diamino-6-methylpteridine-8-...	192	C7H8N6O	019994-63-9	9





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Sample : L3854-05
Misc :
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Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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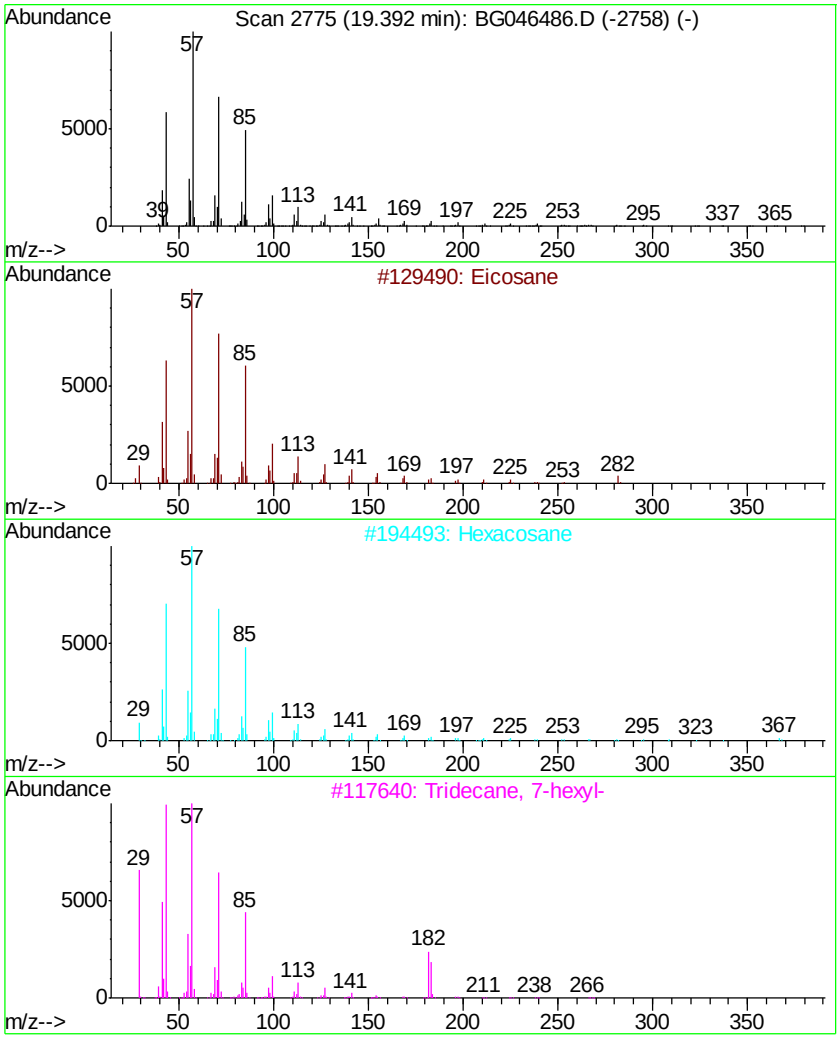
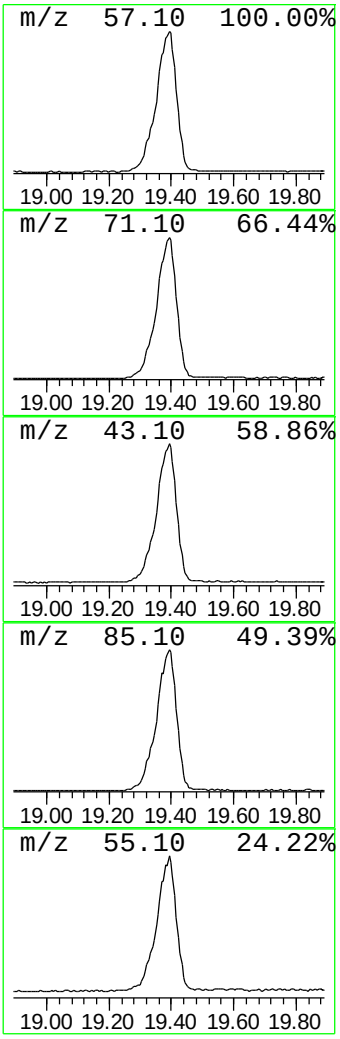
****

Peak Number 3 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	154.24 ng	7121260	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

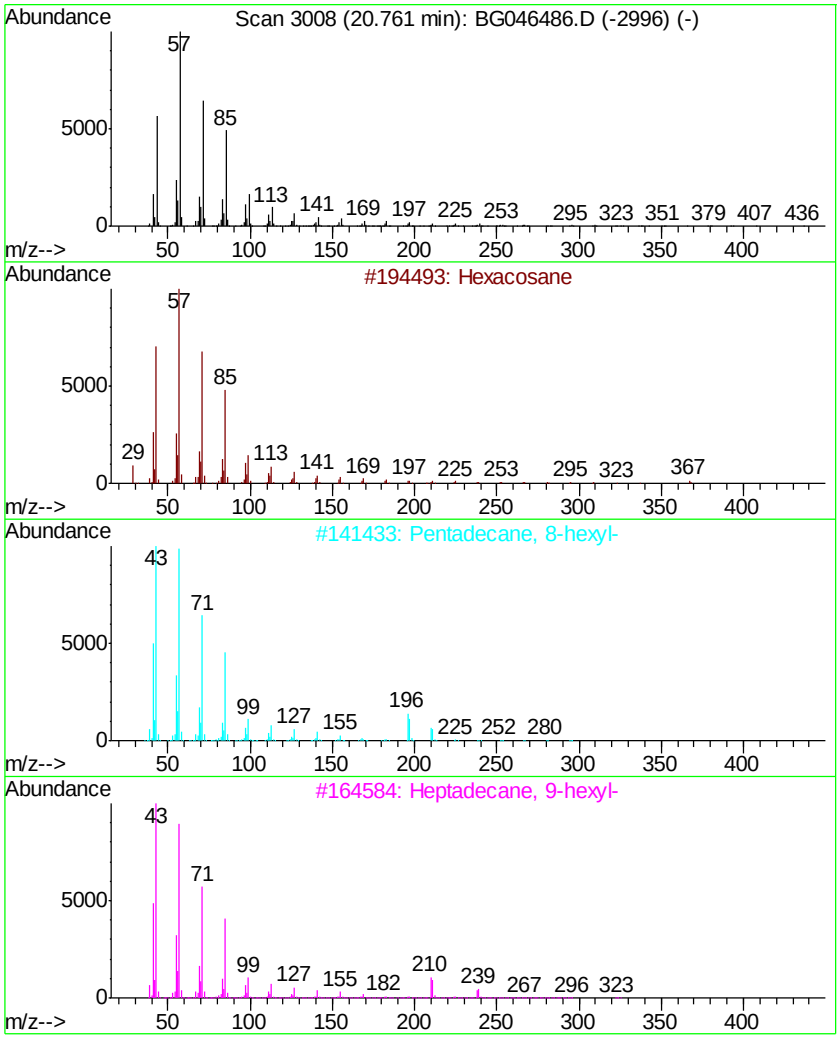
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

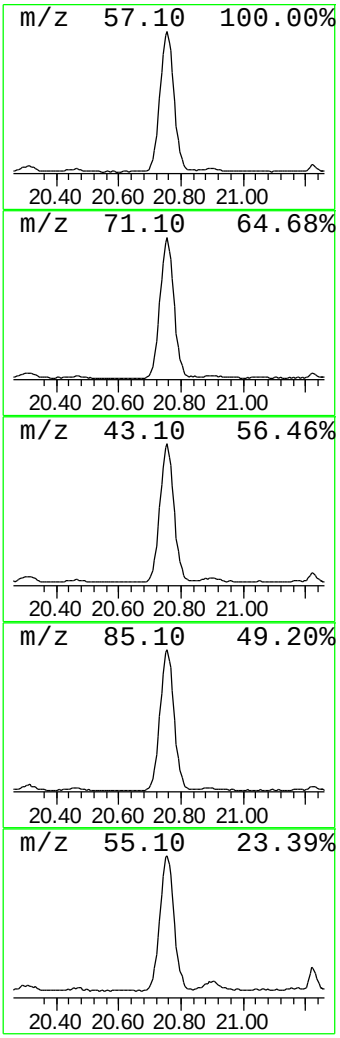
****

Peak Number 4 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	61.88 ng	5520280	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
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Operator : CG/JU
Sample : L3854-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
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TIC Library : C:\Database\NIST11.L
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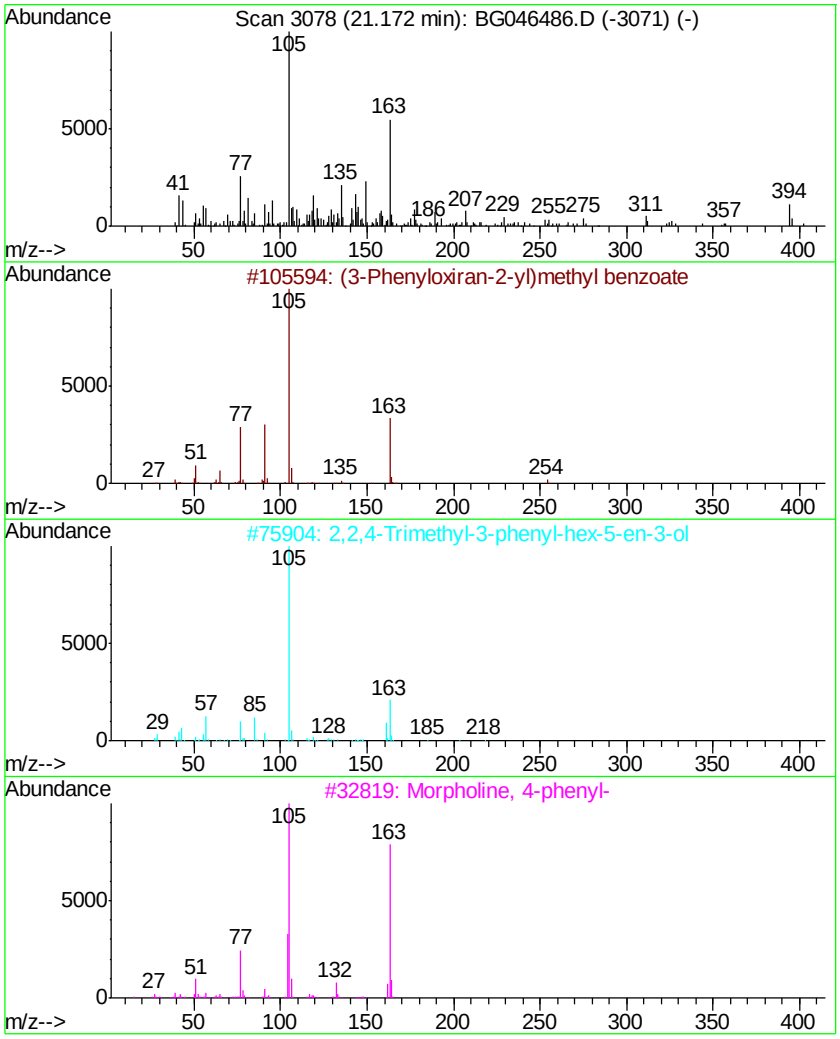
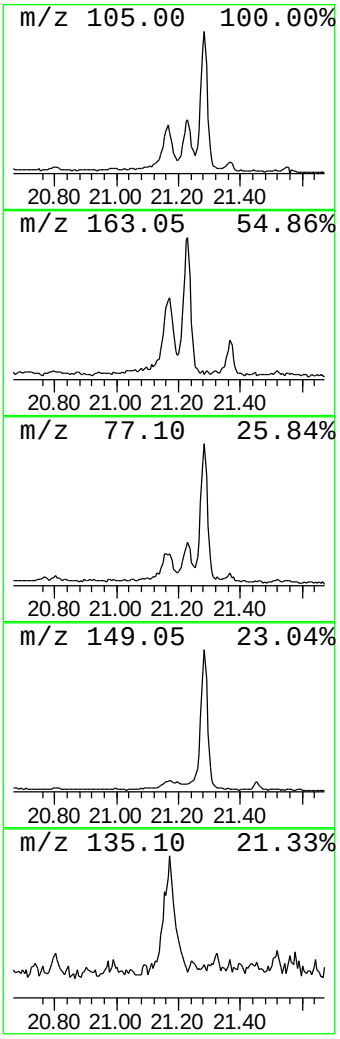
Peak Number 5 unknown21.17 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.38 ng	212047	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	35
2	2,2,4-Trimethyl-3-phenyl-hex-5-e...	218	C15H22O	066534-36-9	35
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	25
4	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	25
5	Benzamide, N-acetyl-	163	C9H9NO2	001575-95-7	23





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TIC Library : C:\Database\NIST11.L
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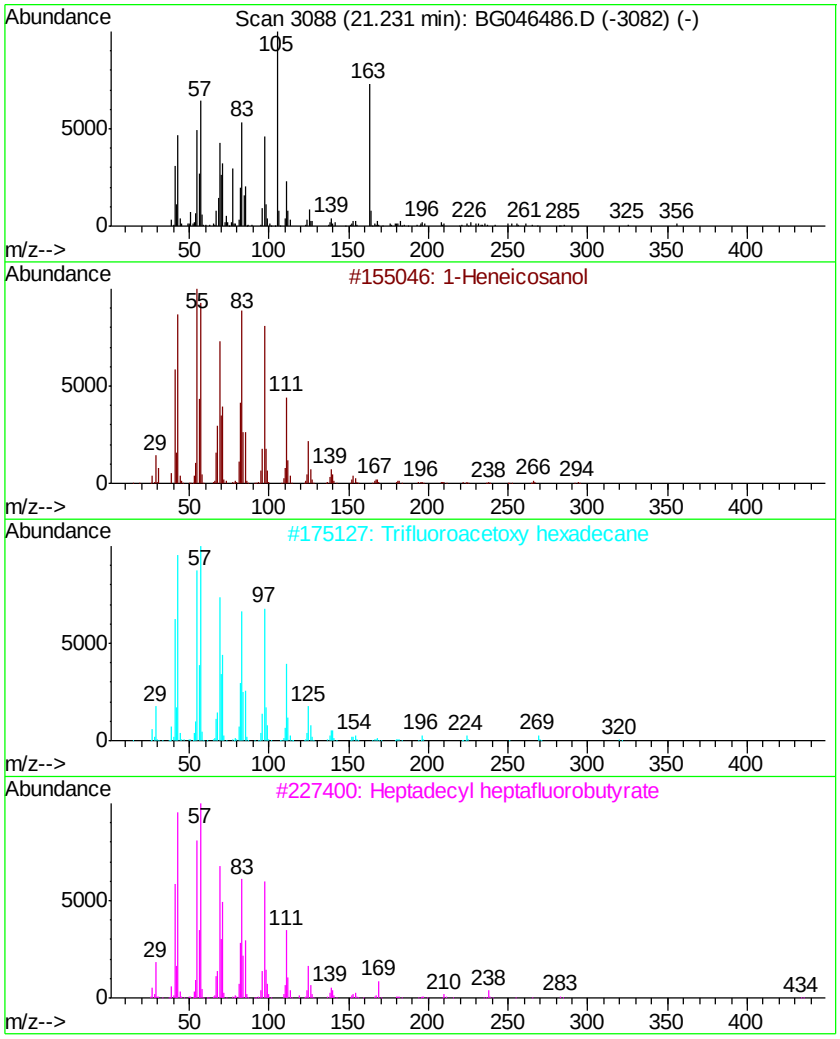
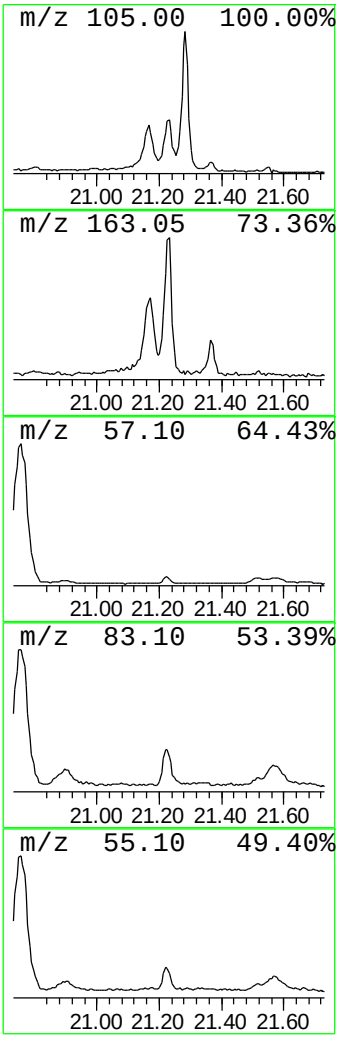
****

Peak Number 6 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.77 ng	336654	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	89
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
4	Cetene	224	C16H32	000629-73-2	80
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	70





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

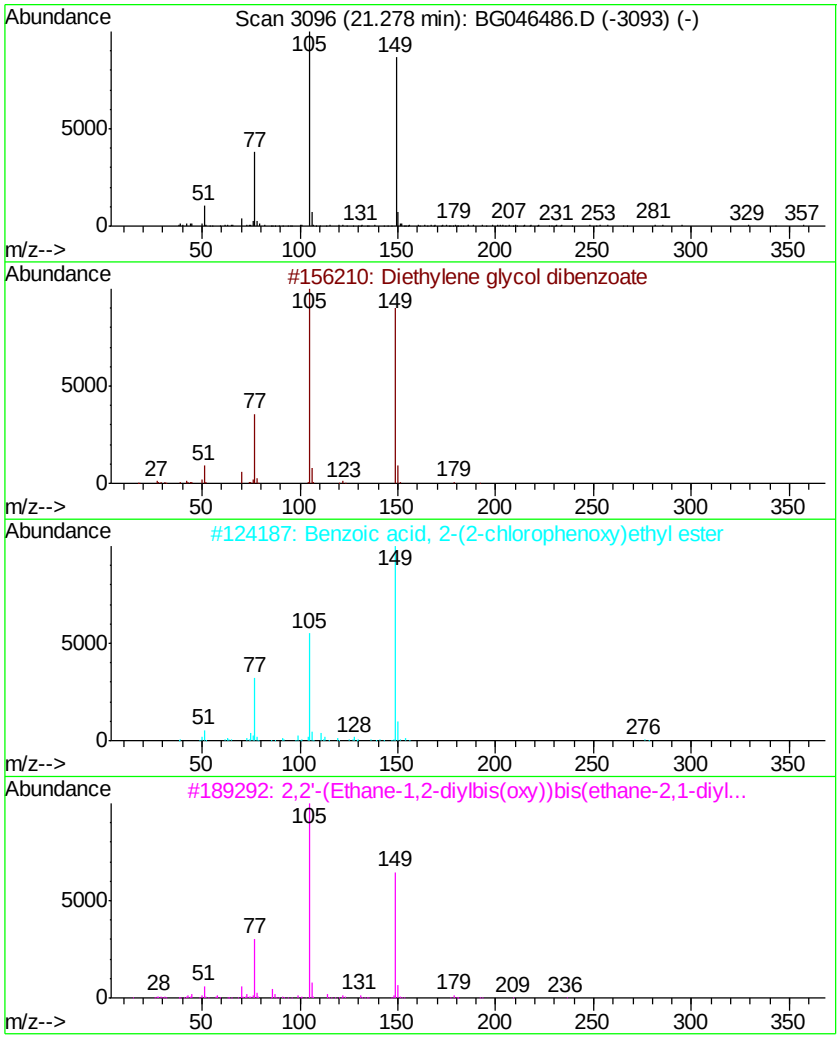
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

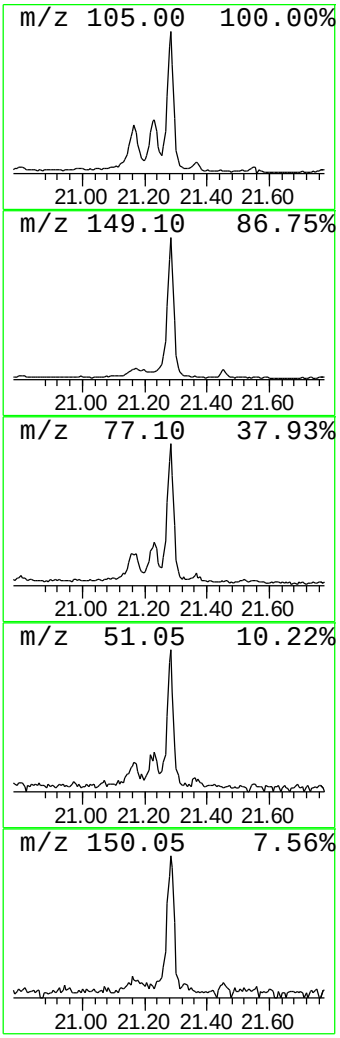
****

Peak Number 7 Diethylene glycol dibenzoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.23 ng	198749	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	78
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
5	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52





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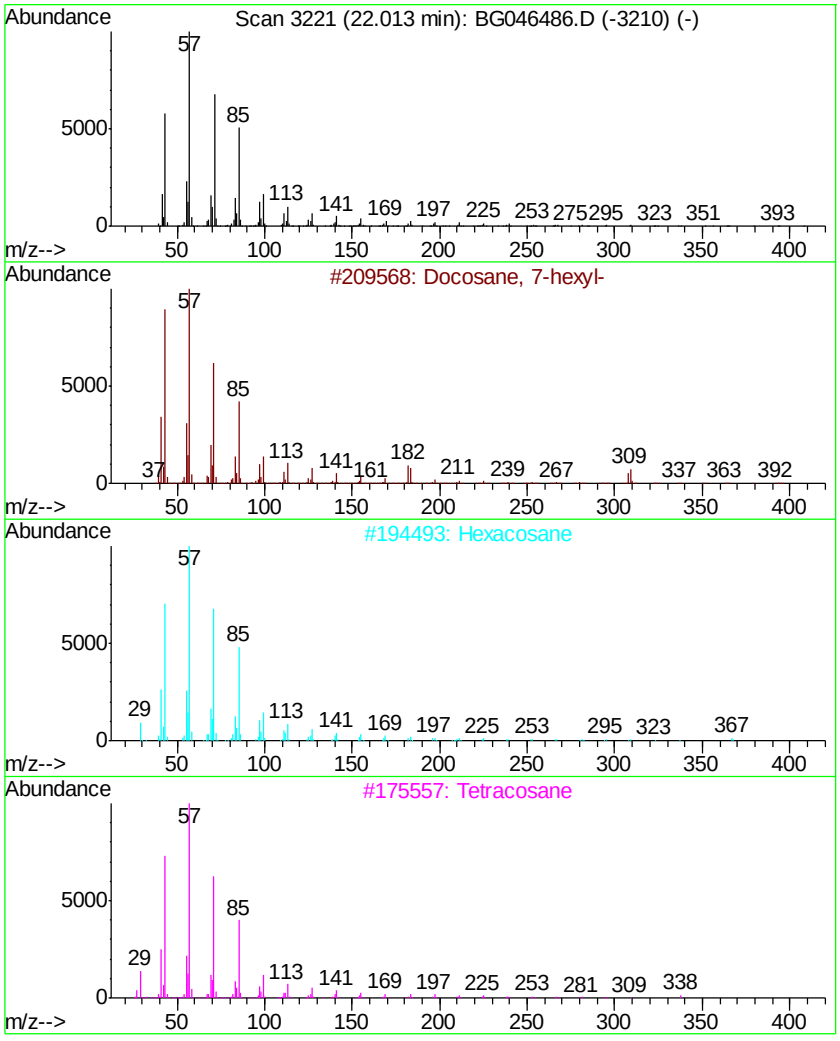
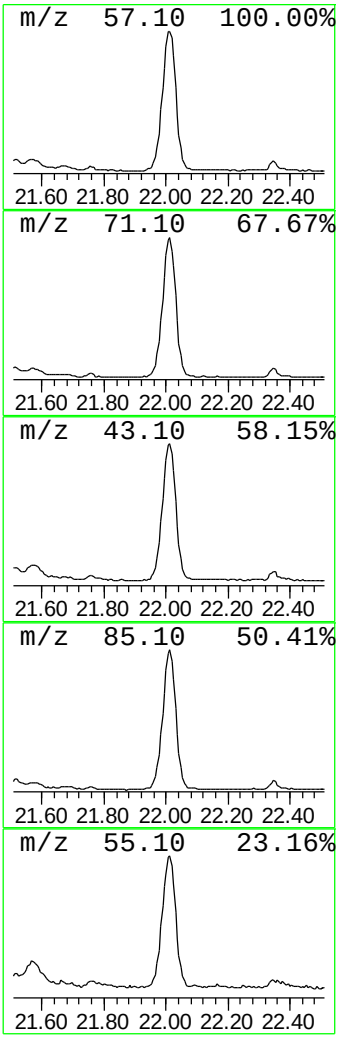
Peak Number 8 Docosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	34.77 ng	3101440	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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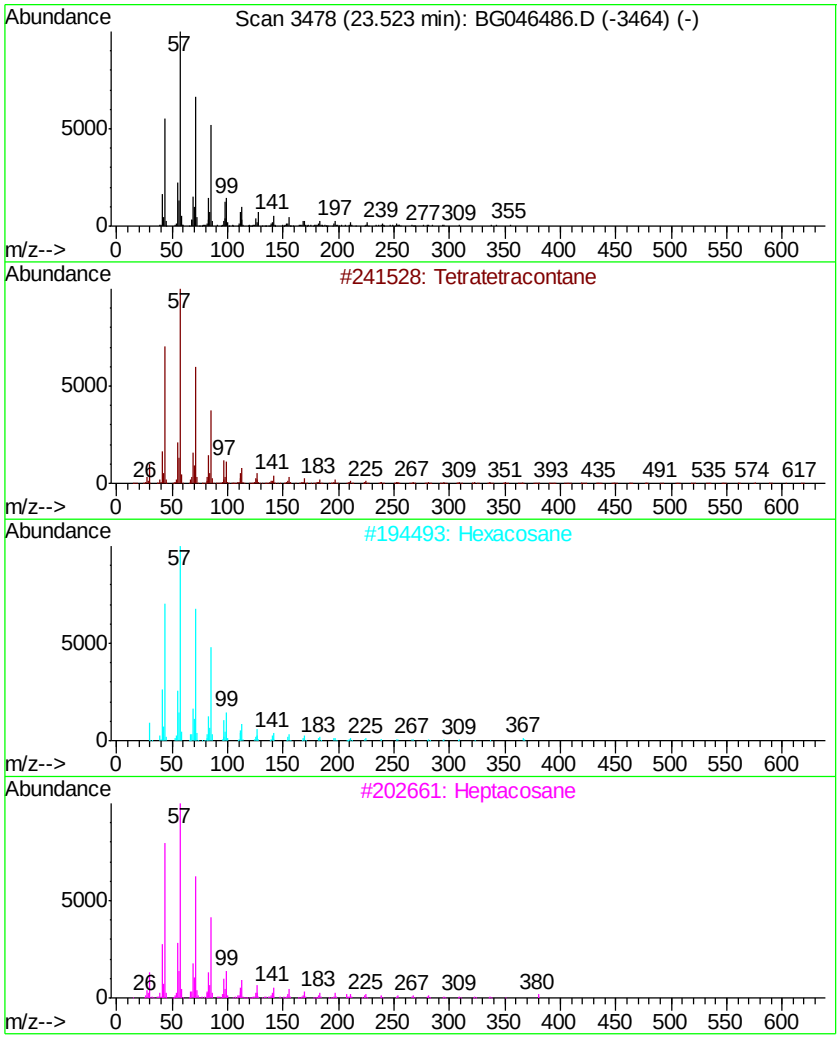
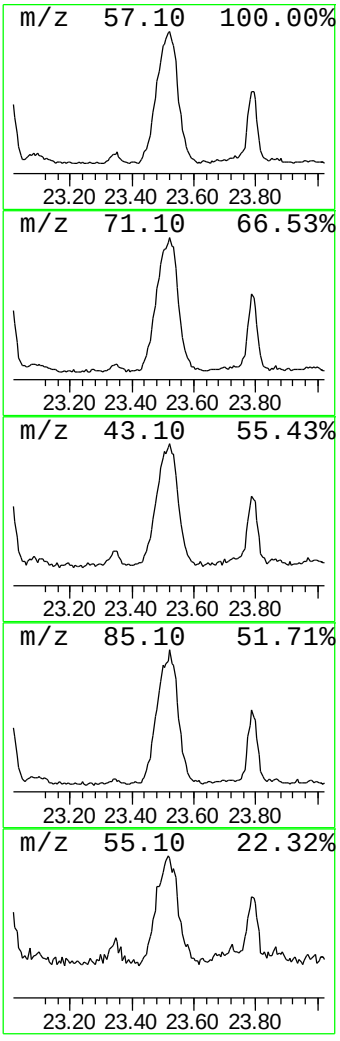
Peak Number 9 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	14.75 ng	1068180	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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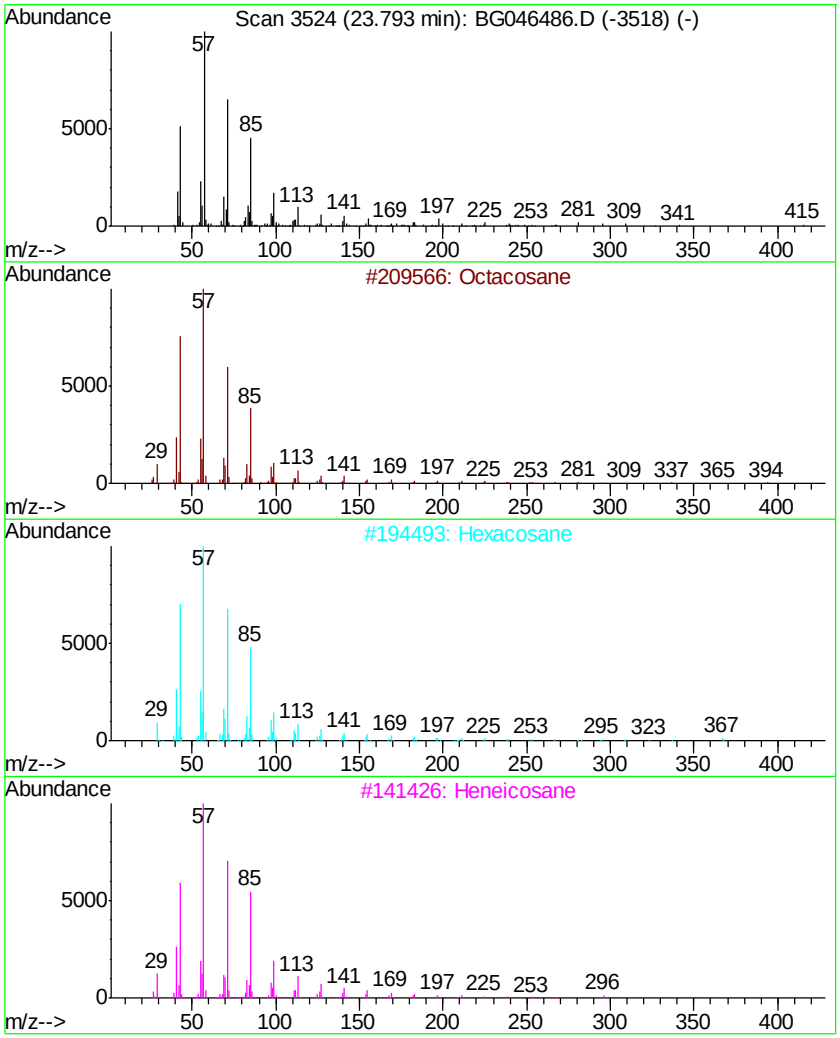
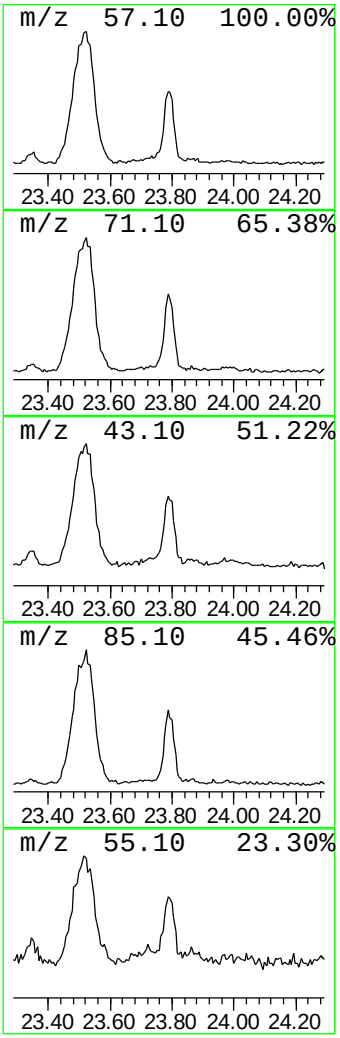
Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.78 ng	273687	Perylene-d12	24.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046486.D
Acq On : 1 Sep 2020 15:43
Operator : CG/JU
Sample : L3854-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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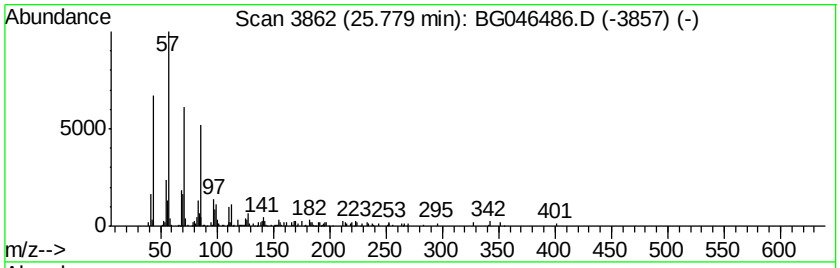
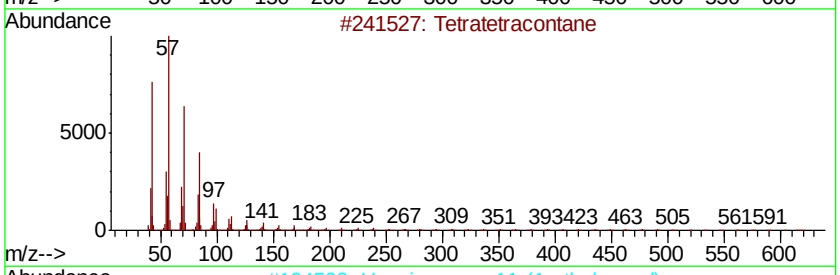
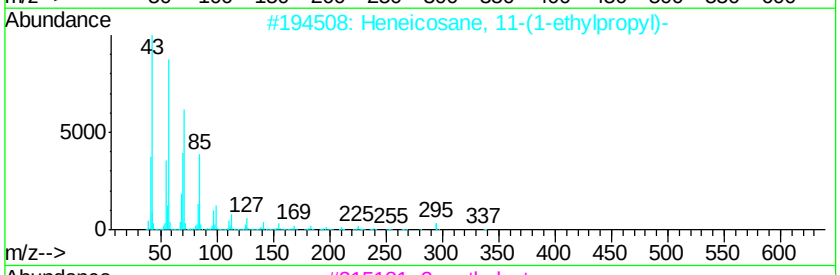
Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

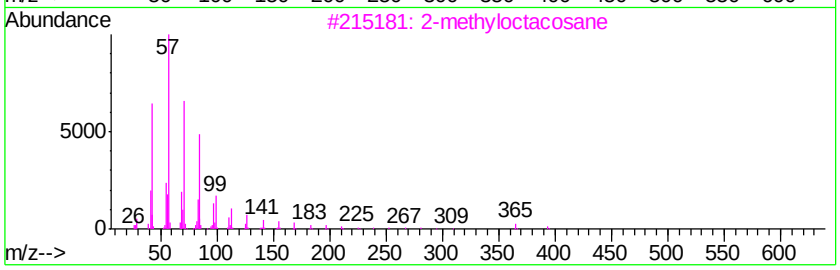
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	3.20 ng	232012	Perylene-d12	24.66

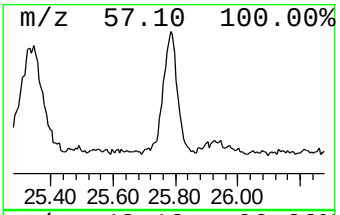
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Heptadecane	240	C17H36	000629-78-7	80

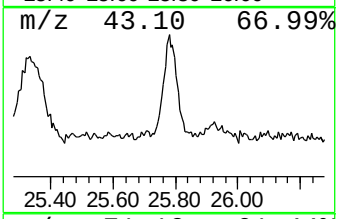


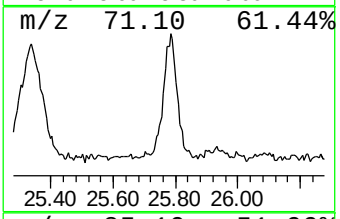


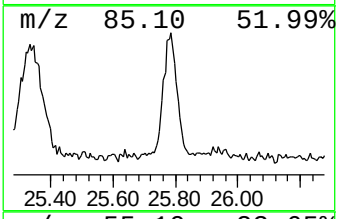


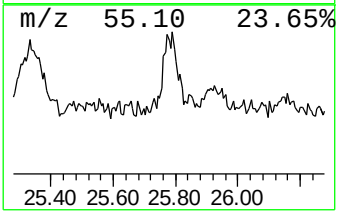












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090120\
Data File : BG046486.D
Acq On : 1 Sep 2020 15:43
Operator : CG/JU
Sample : L3854-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ216-355

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
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
Butane, 2-methoxy...	3.13	30.9	ng	528827	1	7.93	341810	20.0
Hexathiane	15.12	2.2	ng	71639	3	14.56	646190	20.0
Eicosane	19.39	154.2	ng	7121260	4	17.31	923414	20.0
Hexacosane	20.76	61.9	ng	5520280	5	21.55	1784140	20.0
unknown21.17	21.17	2.4	ng	212047	5	21.55	1784140	20.0
1-Heneicosanol	21.23	3.8	ng	336654	5	21.55	1784140	20.0
Diethylene glycol...	21.28	2.2	ng	198749	5	21.55	1784140	20.0
Docosane, 7-hexyl-	22.01	34.8	ng	3101440	5	21.55	1784140	20.0
Tetratetracontane	23.52	14.8	ng	1068180	6	24.66	1448730	20.0
Octacosane	23.79	3.8	ng	273687	6	24.66	1448730	20.0
Heneicosane, 11-(...	25.78	3.2	ng	232012	6	24.66	1448730	20.0