LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045058.D
Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

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-BG041520.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	3.123	3	6	14	rVB	98300	155429	2.57%	0.587%
2	3.194	14	18	26	rVB	110377	164967	2.73%	0.623%
3	5.590	419	426	435	rBV	587458	959240	15.86%	3.622%
4	7.182	689	697	713	rVB2	454169	806596	13.34%	3.045%
5	8.022	832	840	847	rBV	214117	369575	6.11%	1.395%
6	8.346	886	895	903	rBV	774224	1394312	23.06%	5.264%
7	9.180	1028	1037	1047	rBV	778172	1391247	23.01%	5.253%
8	10.830	1311	1318	1329	rVB	303813	568157	9.40%	2.145%
9	13.280	1728	1735	1745	rBV	2347635	3718934	61.50%	14.041%
10	14.102	1868	1875	1881	rBV	175451	264669	4.38%	0.999%
11	14.655	1961	1969	1977	rBV2	575670	929789	15.38%	3.511%
12	15.659	2135	2140	2146	rBV	42344	69139	1.14%	0.261%
13	16.141	2215	2222	2230	rBV	2270623	3499286	57.87%	13.212%
14	17.398	2430	2436	2446	rBV	744896	1192162	19.71%	4.501%
15	18.297	2585	2589	2596	rBV5	40154	69652	1.15%	0.263%
16	18.367	2596	2601	2607	rVB	1205640	1558934	25.78%	5.886%
17	20.012	2874	2881	2889	rVB	4411706	6047264	100.00%	22.833%
18	21.322	3099	3104	3109	rBV3	98196	155806	2.58%	0.588%
19	21.663	3155	3162	3169	rBV2	739808	1232639	20.38%	4.654%
20	22.485	3298	3302	3311	rVB4	51110	94126	1.56%	0.355%
21	23.178	3414	3420	3426	rVB2	69362	131796	2.18%	0.498%
22	23.977	3551	3556	3564	rVB4	69798	153619	2.54%	0.580%
23	24.853	3694	3705	3713	rBV	440885	1257807	20.80%	4.749%
24	24.923	3713	3717	3726	rVB3	68938	170173	2.81%	0.643%
25	26.051	3904	3909	3917	rVB5	52187	129992	2.15%	0.491%

Sum of corrected areas: 26485310

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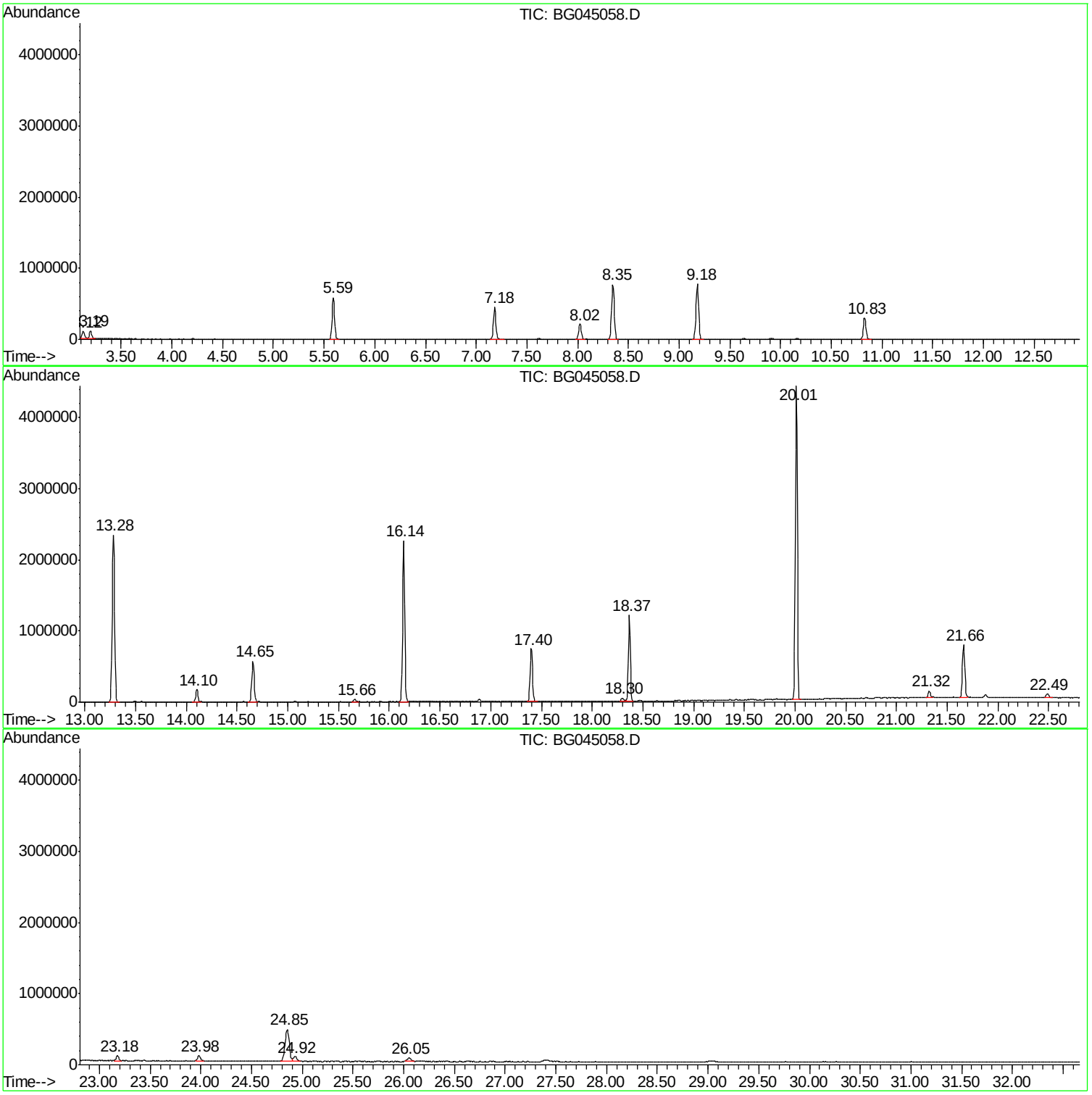
Instrument :
BNA_G
ClientSampleId :
MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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 : BG045058.D
Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
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Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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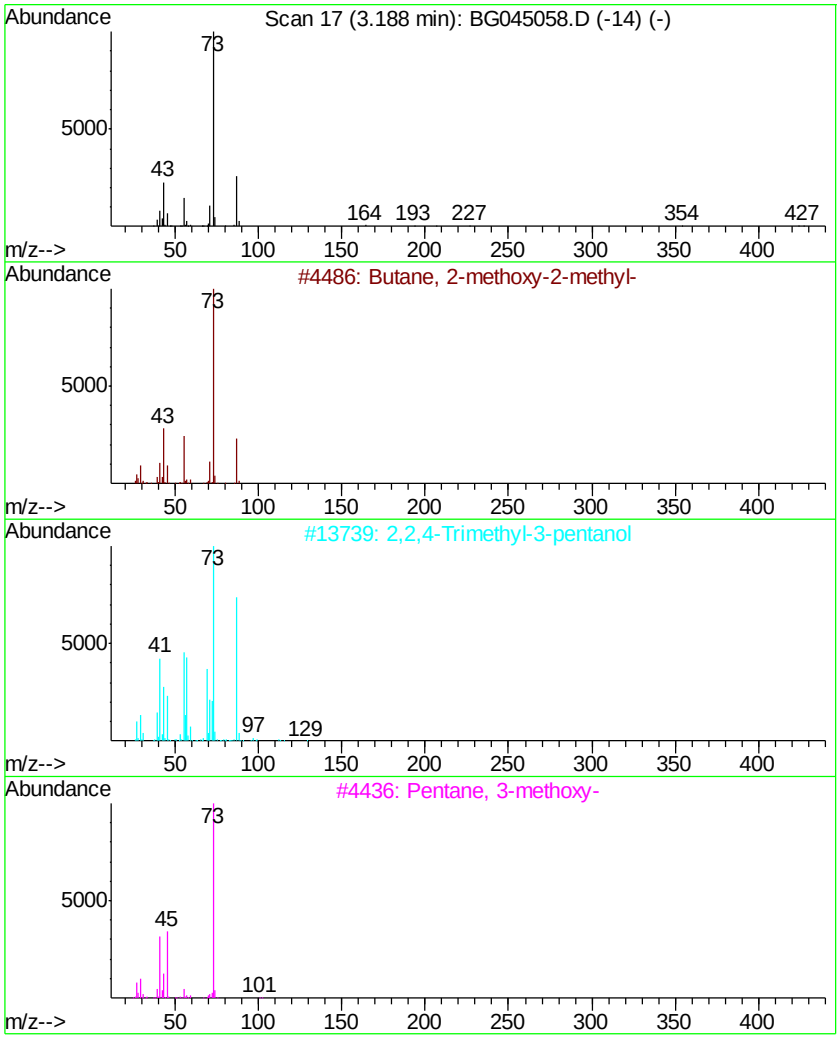
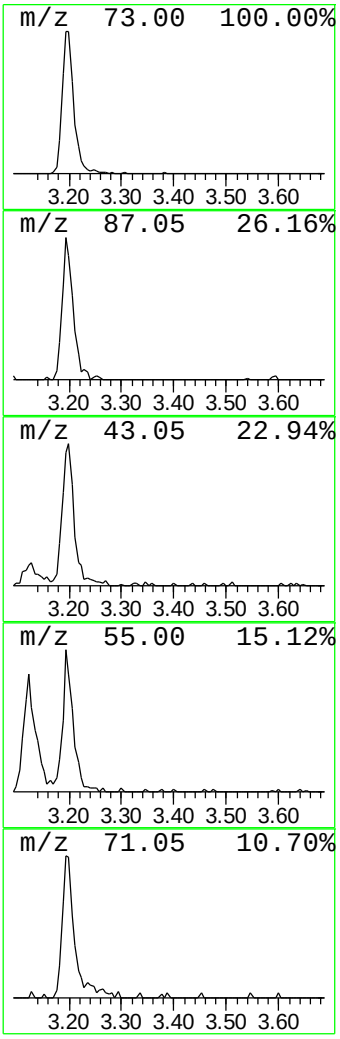
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	8.93 ng	164967	1,4-Dichlorobenzene-d4	8.02

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9





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Data File : BG045058.D
Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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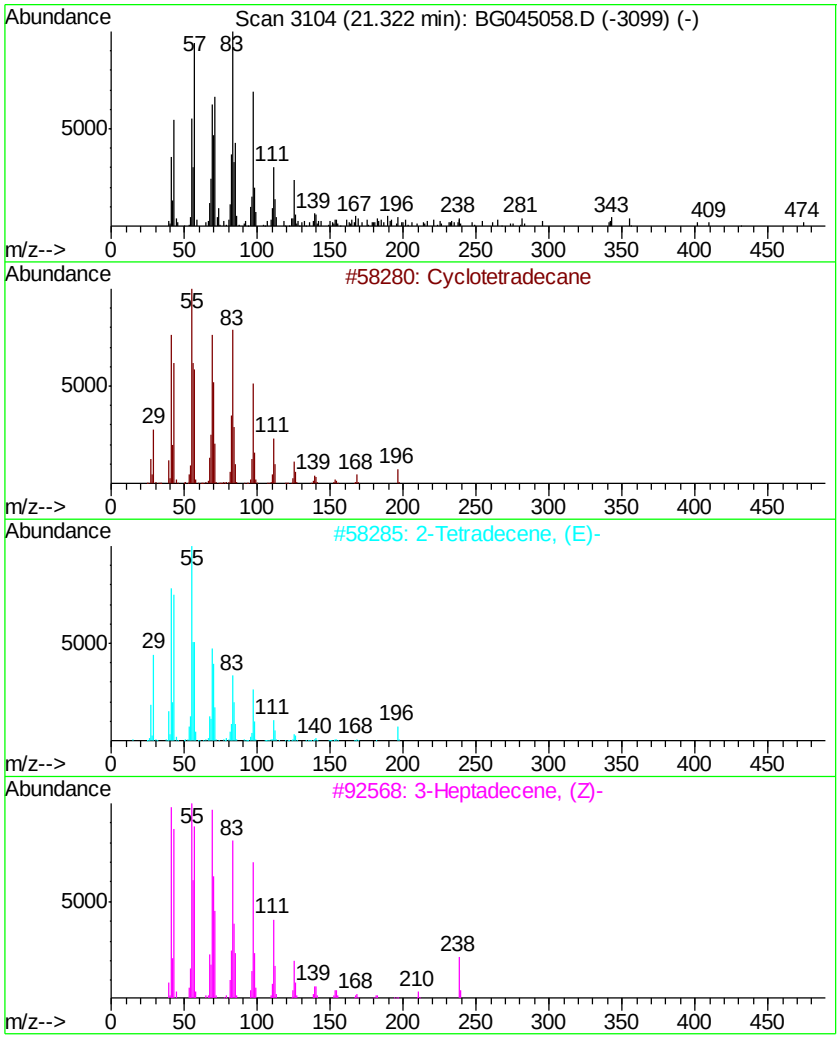
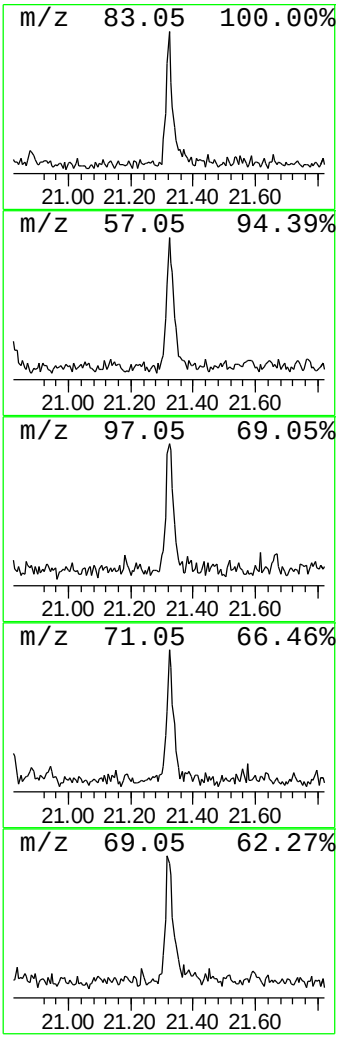
Peak Number 4 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.53 ng	155806	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	93
3	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	91
4	8-Heptadecene	238	C17H34	002579-04-6	89
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045058.D
Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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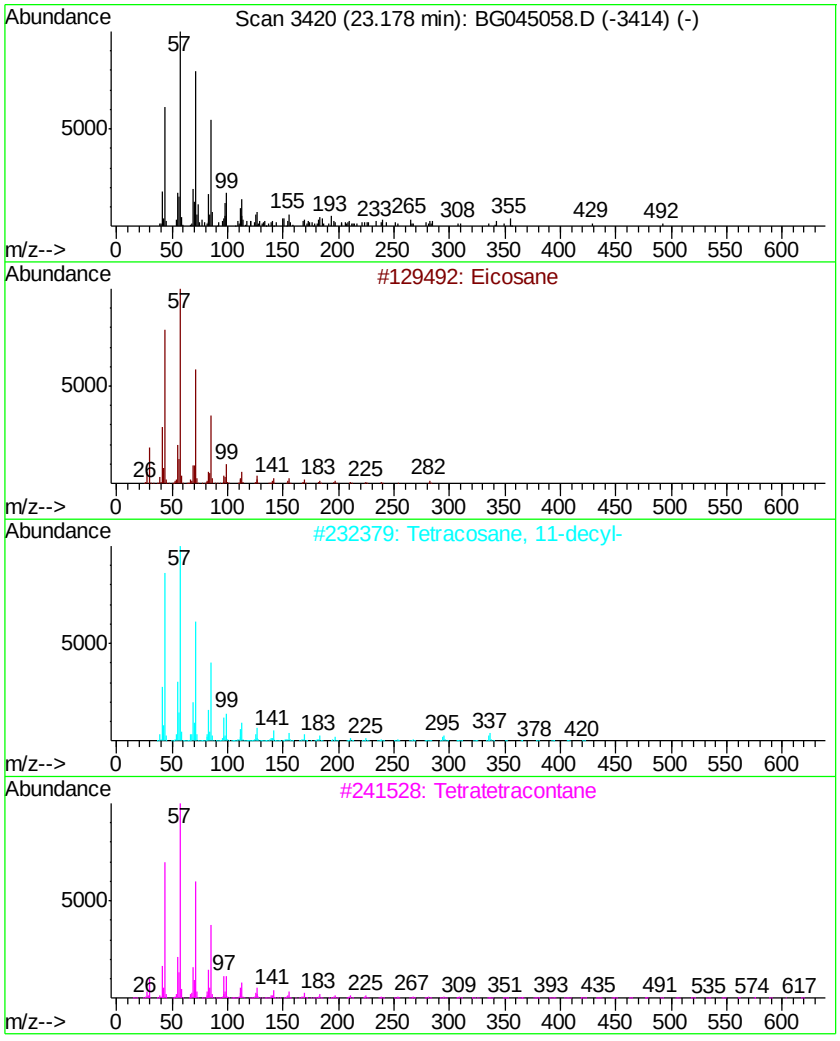
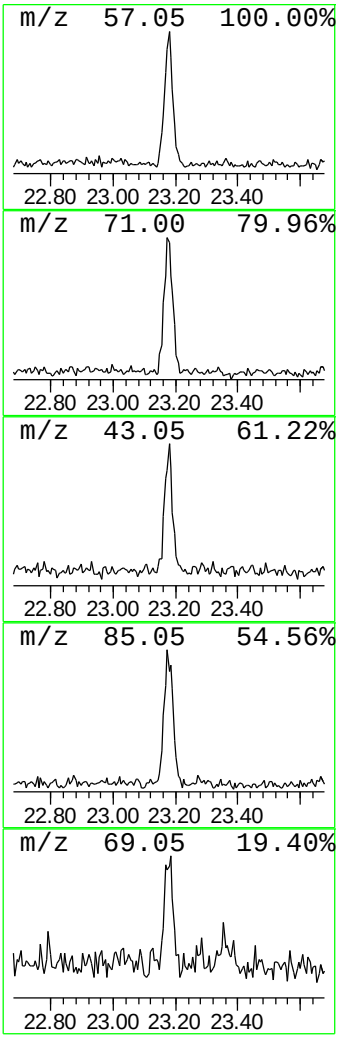
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.14 ng	131796	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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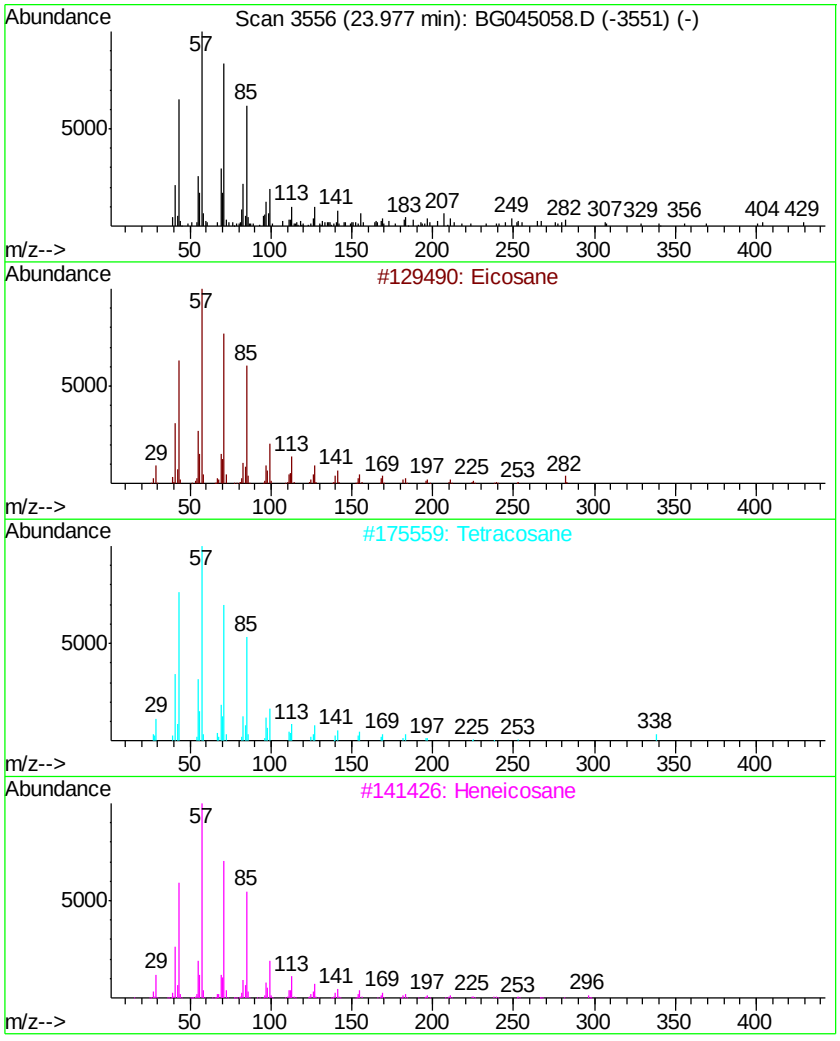
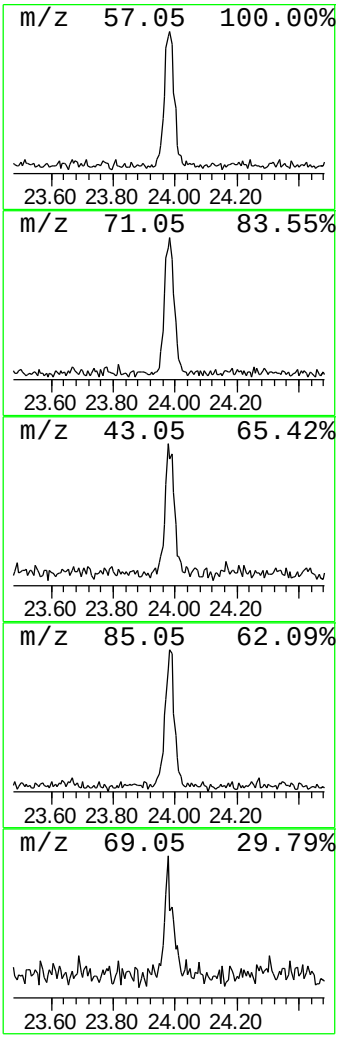
Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.44 ng	153619	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045058.D
Acq On : 18 Apr 2020 9:05
Operator : CG/JU
Sample : L2325-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

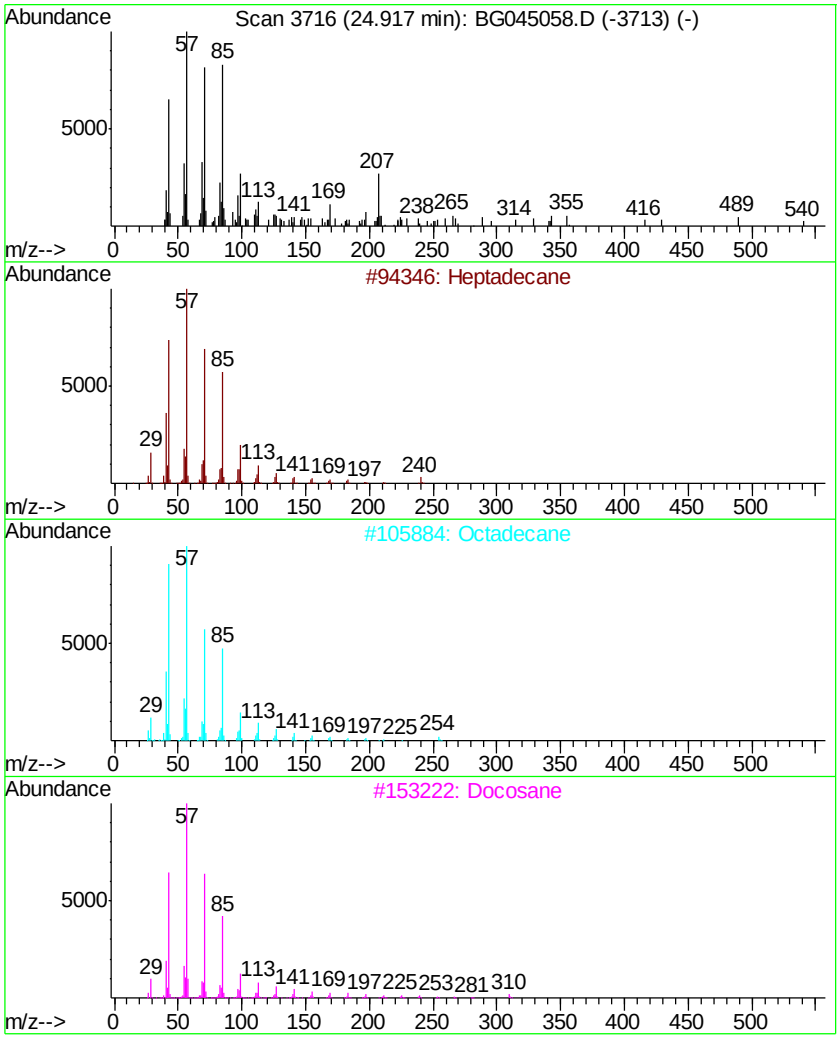
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

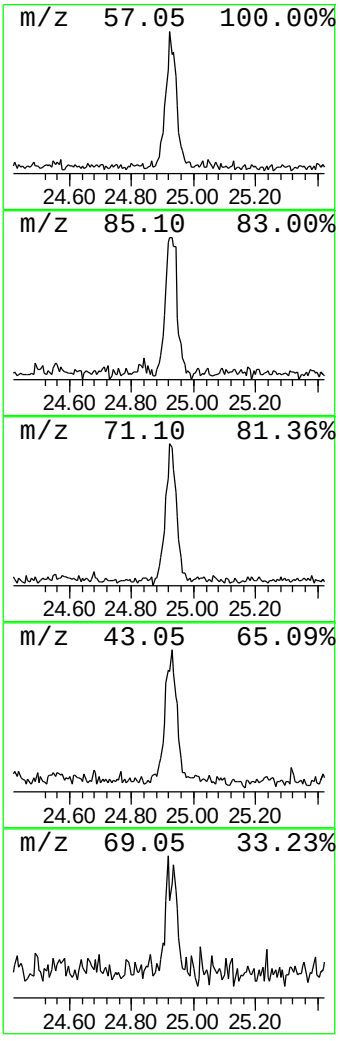
****

Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	2.71 ng	170173	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Docosane	310	C22H46	000629-97-0	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Hexacosane	366	C26H54	000630-01-3	83





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Sample : L2325-01
Misc :
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Instrument : BNA_G
ClientSampleId : MH-4-POST-DIRT-BAG

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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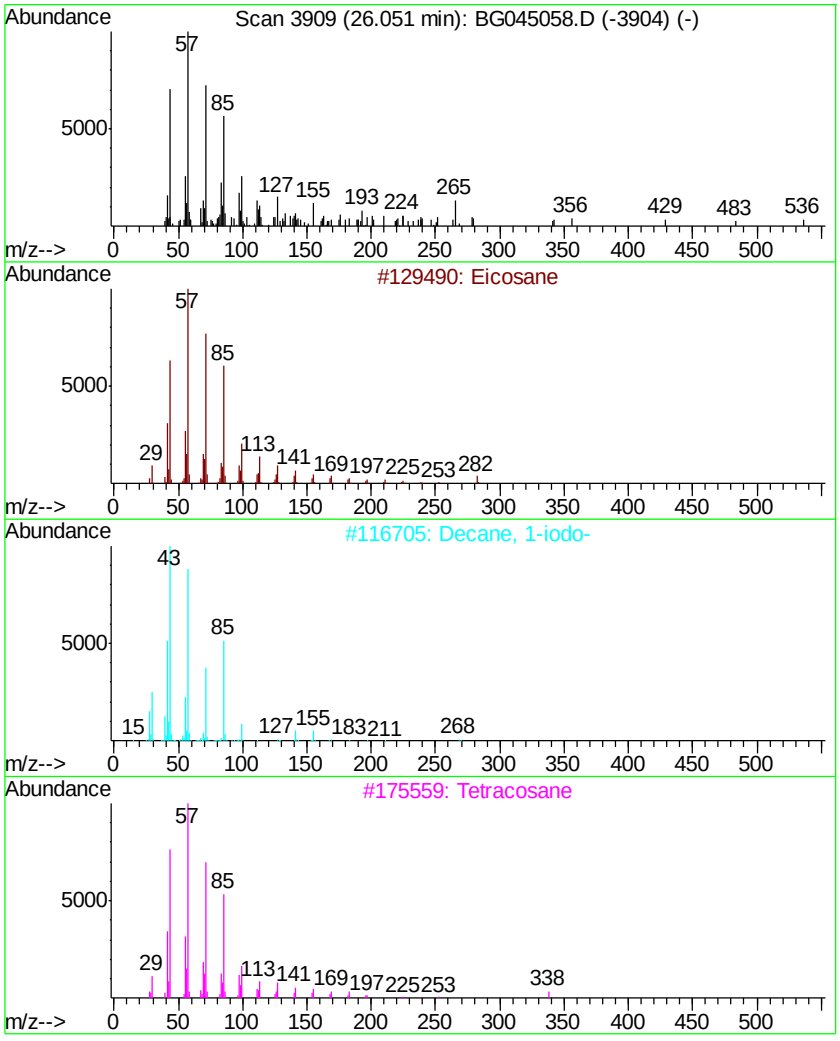
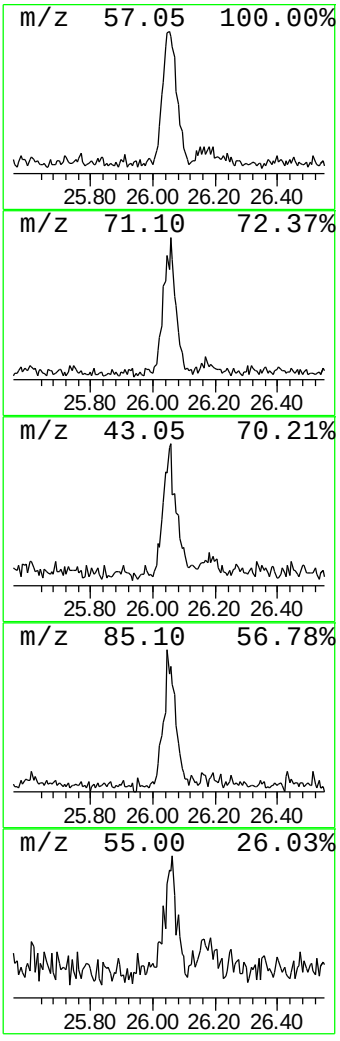
Peak Number 8 Decane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	2.07 ng	129992	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	58
3	Tetracosane	338	C24H50	000646-31-1	58
4	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	52
5	Heneicosane	296	C21H44	000629-94-7	52





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
Butane, 2-methoxy...	3.19	8.9	ng	164967	1	8.02	369575	20.0
Cyclotetradecane	21.32	2.5	ng	155806	5	21.66	1232640	20.0
Eicosane	23.18	2.1	ng	131796	5	21.66	1232640	20.0
Tetracosane	23.98	2.4	ng	153619	6	24.85	1257810	20.0
Heptadecane	24.92	2.7	ng	170173	6	24.85	1257810	20.0
Decane, 1-iodo-	26.05	2.1	ng	129992	6	24.85	1257810	20.0