LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044427.D
Acq On : 13 Feb 2020 21:17
Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

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-BG013020.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	5.002	320	326	338	rVB2	26917	46480	1.26%	0.231%
2	5.478	400	407	425	rBV	818710	1375690	37.19%	6.823%
3	7.077	669	679	694	rBV	859660	1538247	41.59%	7.630%
4	7.899	811	819	830	rBV	234738	408624	11.05%	2.027%
5	8.228	867	875	886	rBV	674798	1179338	31.88%	5.849%
6	9.057	1008	1016	1032	rBV	506439	952627	25.75%	4.725%
7	10.702	1289	1296	1309	rBV	326172	603811	16.32%	2.995%
8	13.164	1707	1715	1729	rBV	1479382	2428664	65.66%	12.046%
9	13.998	1851	1857	1866	rBV	49567	82475	2.23%	0.409%
10	14.538	1943	1949	1963	rBV	565169	942745	25.49%	4.676%
11	16.031	2196	2203	2223	rBV	1149918	1874622	50.68%	9.298%
12	17.288	2409	2417	2428	rBV	726502	1164462	31.48%	5.776%
13	19.903	2855	2862	2874	rBV	2772917	3698967	100.00%	18.346%
14	21.201	3078	3083	3093	rBV2	120181	235299	6.36%	1.167%
15	21.530	3132	3139	3151	rBV	750080	1284778	34.73%	6.372%
16	21.736	3169	3174	3180	rBV	67339	94485	2.55%	0.469%
17	22.323	3268	3274	3281	rBV2	87754	151298	4.09%	0.750%
18	22.987	3381	3387	3394	rBV2	91878	159876	4.32%	0.793%
19	23.169	3412	3418	3425	rVB	62795	119899	3.24%	0.595%
20	23.757	3512	3518	3526	rVB2	82033	163599	4.42%	0.811%
21	24.615	3653	3664	3685	rBV2	454723	1482892	40.09%	7.355%
22	25.743	3848	3856	3867	rVB2	40874	115999	3.14%	0.575%
23	27.035	4069	4076	4088	rVB5	17287	56867	1.54%	0.282%

Sum of corrected areas: 20161744

LSC Report - Integrated Chromatogram

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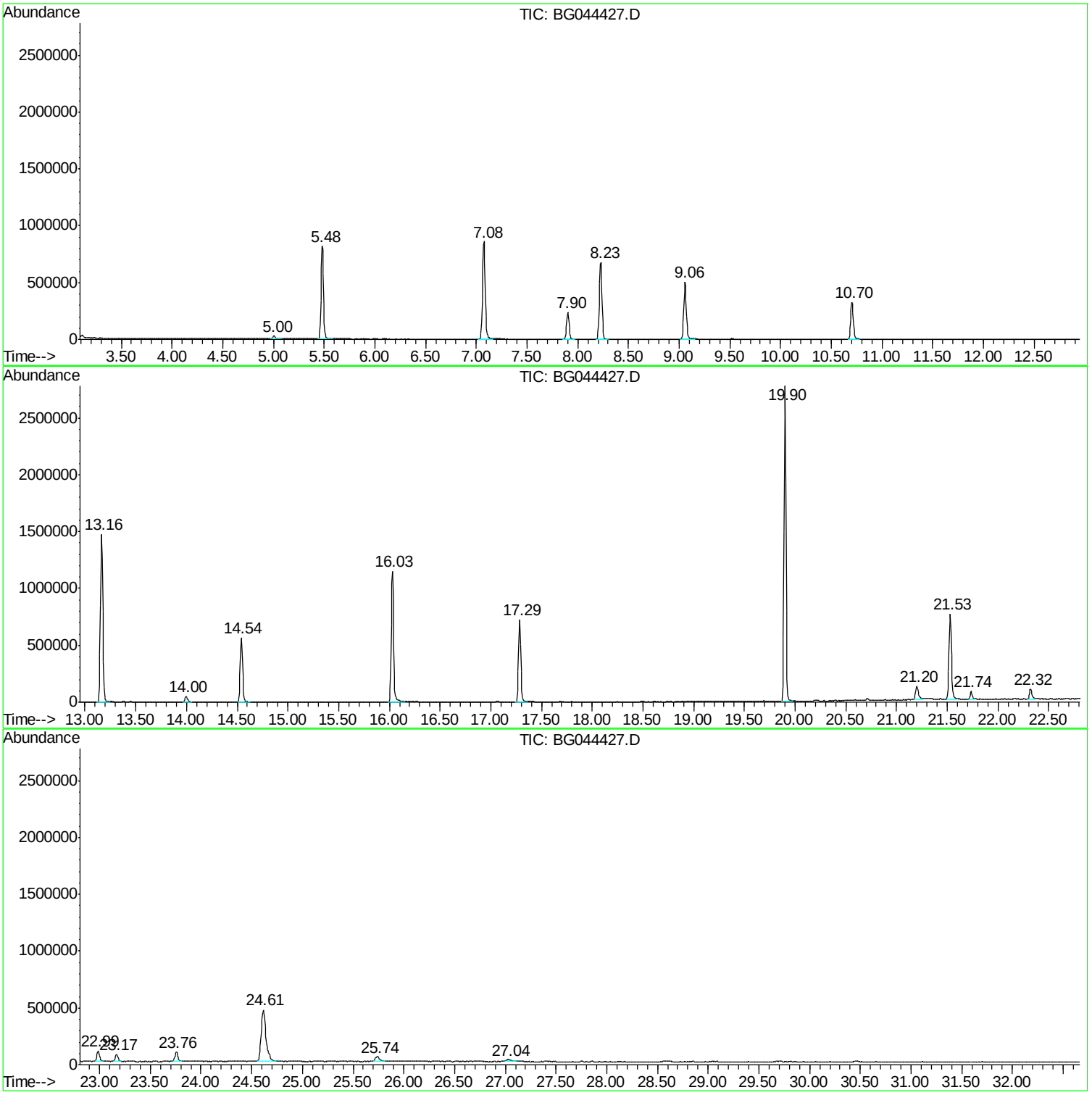
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044427.D
Acq On : 13 Feb 2020 21:17
Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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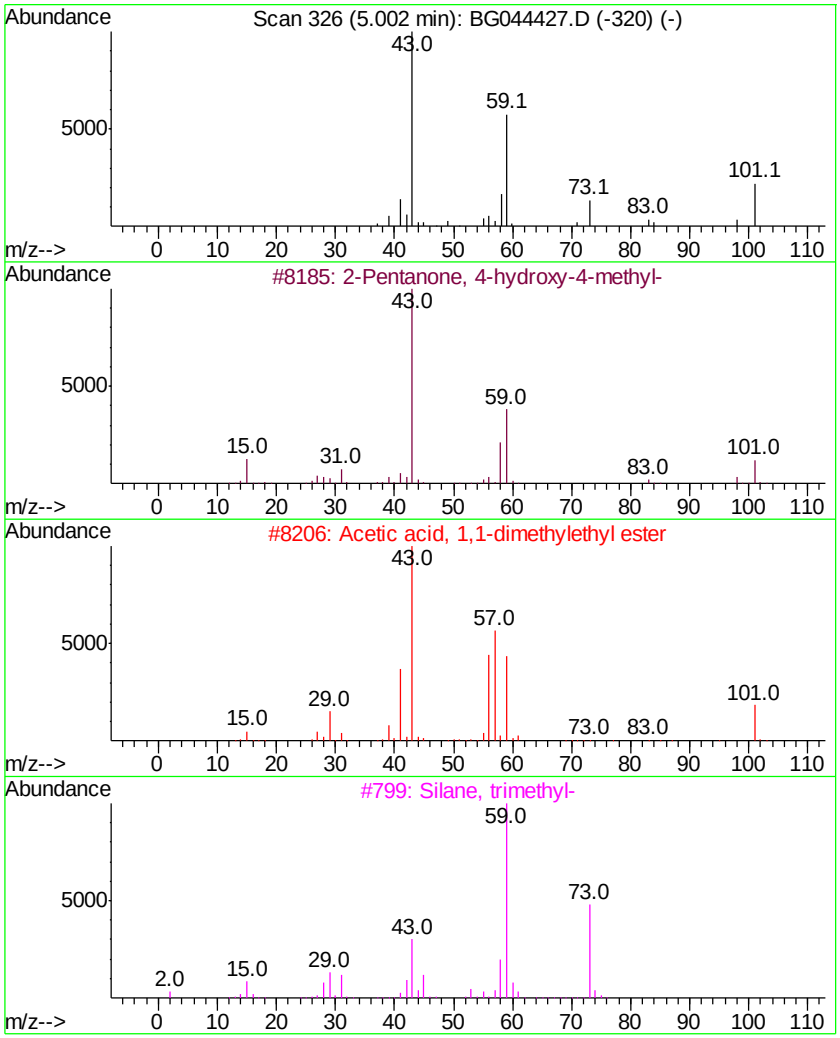
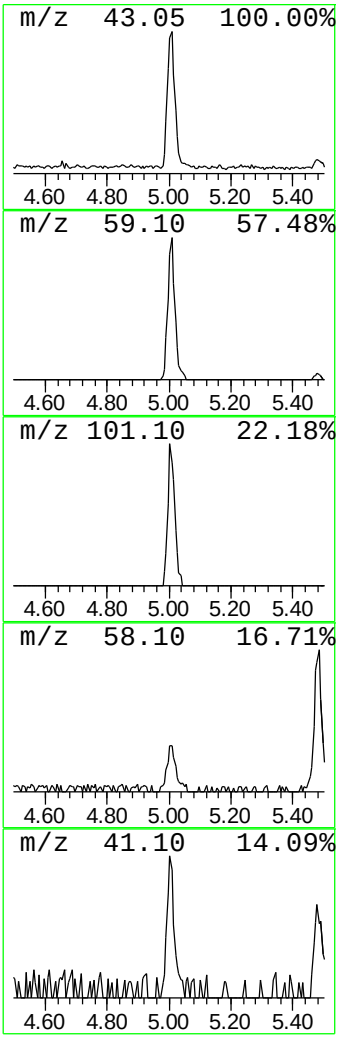
Peak Number 1 unknown5.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.27 ng	46480	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	23
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16
5	3-Pentanol	88	C5H12O	000584-02-1	12





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Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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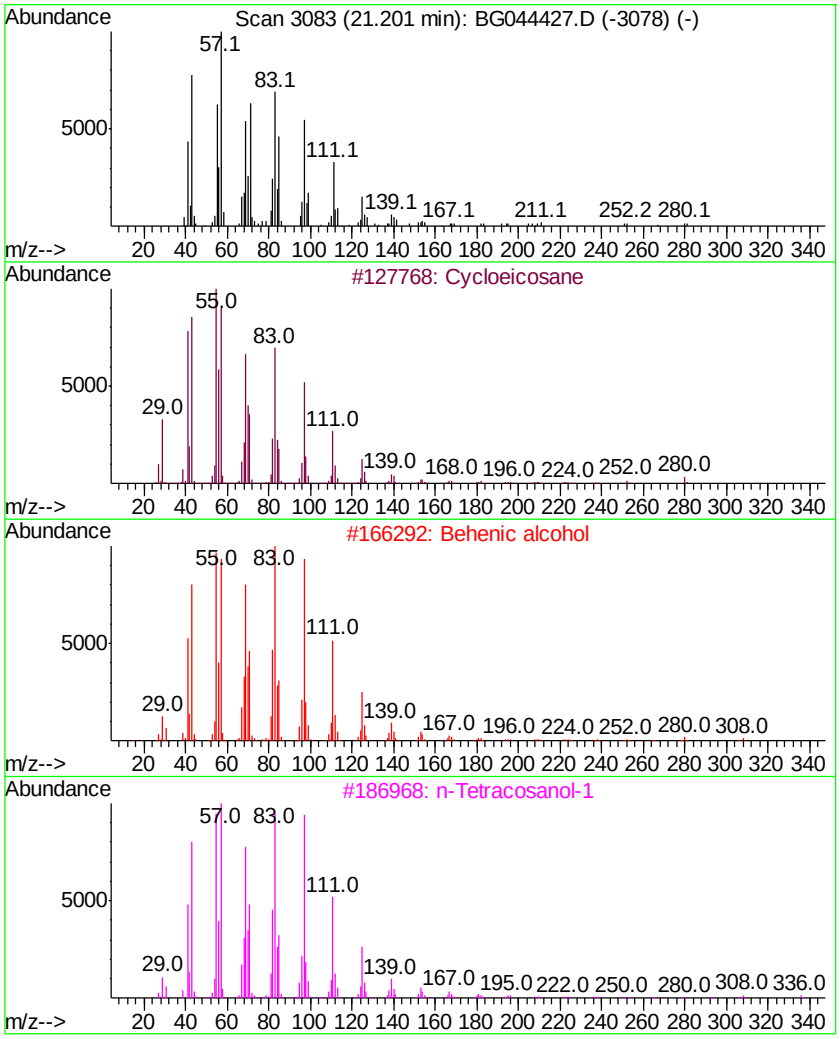
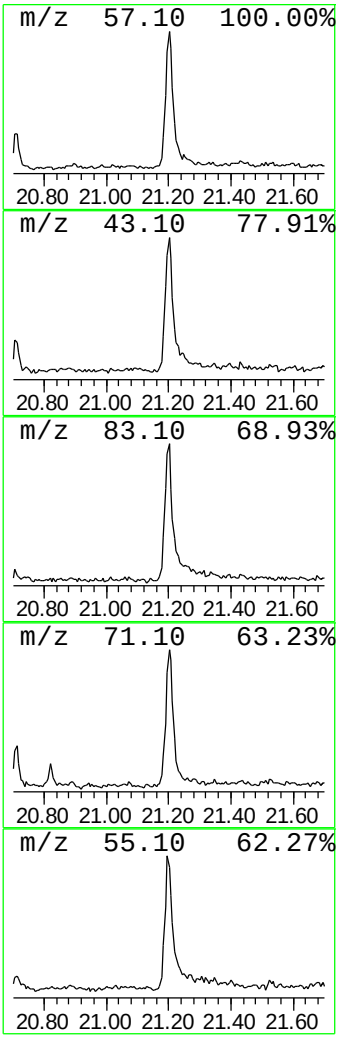
Peak Number 3 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	3.66 ng	235299	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	92
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	81
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044427.D
Acq On : 13 Feb 2020 21:17
Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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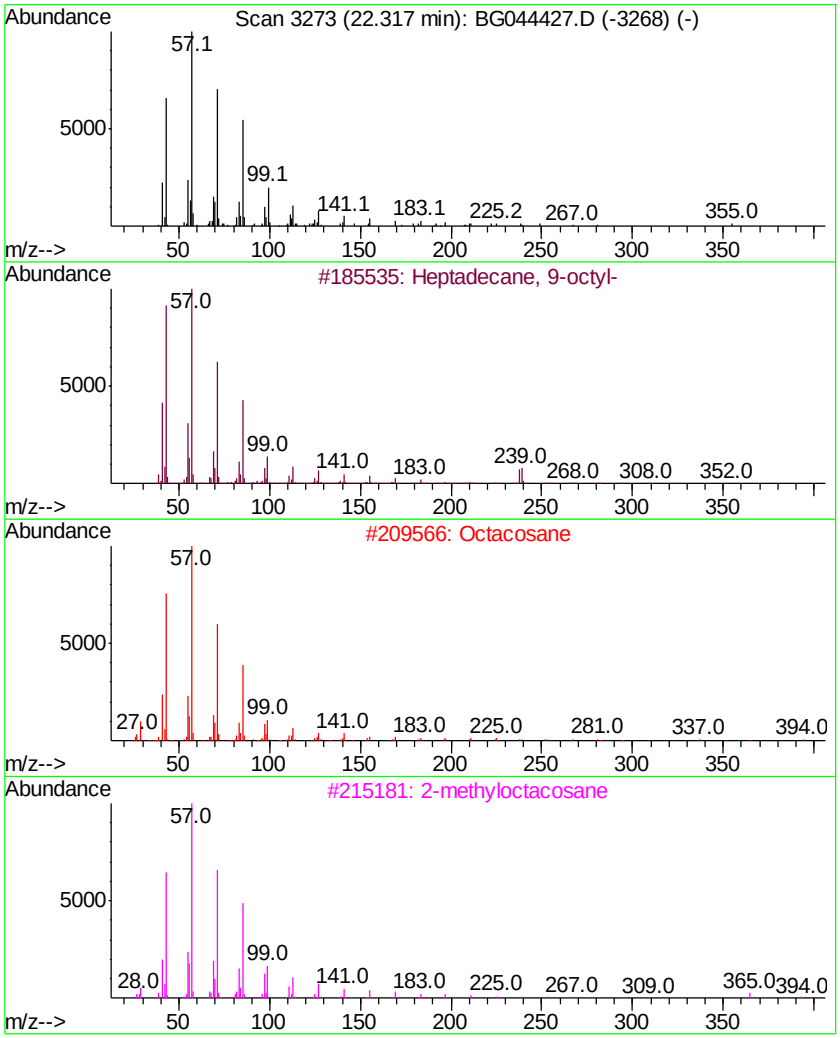
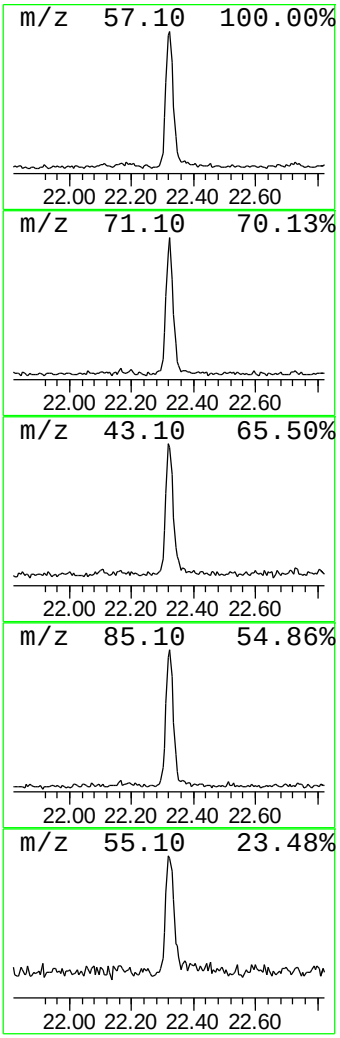
Peak Number 4 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.36 ng	151298	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





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Data File : BG044427.D
Acq On : 13 Feb 2020 21:17
Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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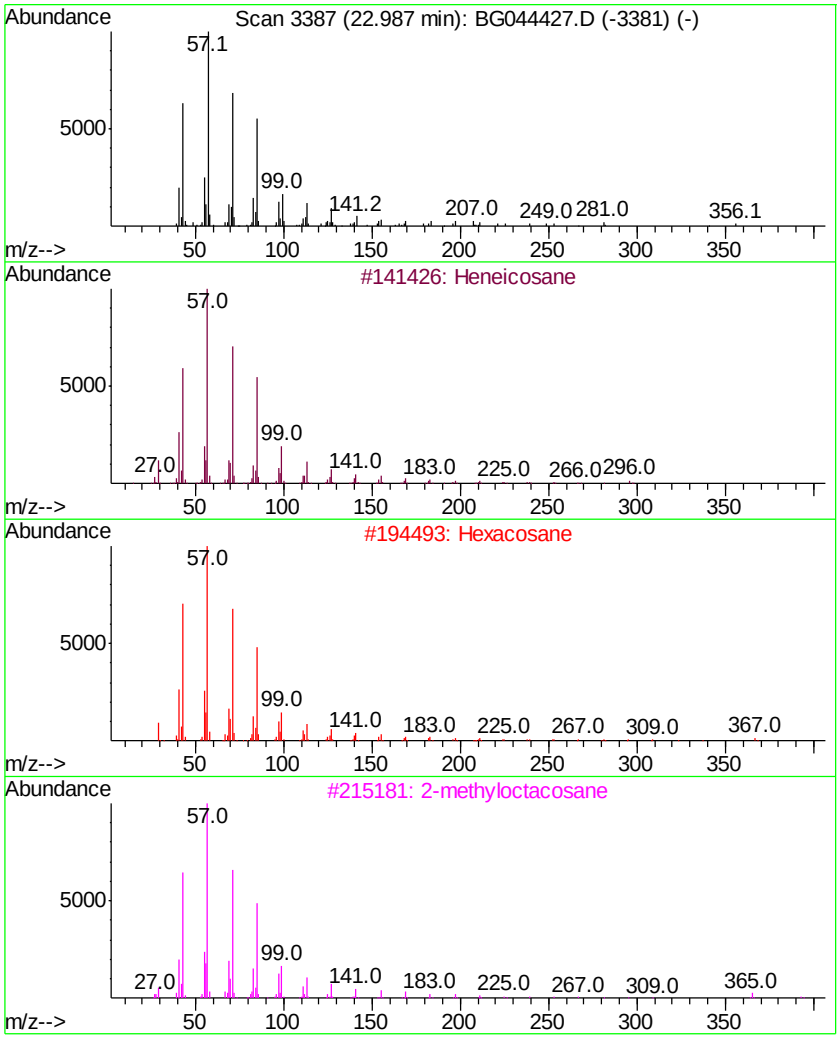
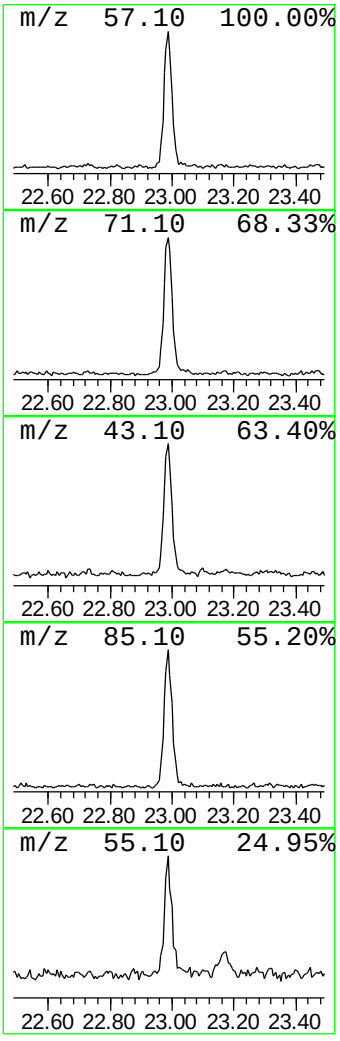
Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.49 ng	159876	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021320\
Data File : BG044427.D
Acq On : 13 Feb 2020 21:17
Operator : CG/JU
Sample : L1505-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
unknown5.00	5.00	2.3	ng	46480	1	7.90	408624	20.0
Cycloeicosane	21.20	3.7	ng	235299	5	21.53	1284780	20.0
Heptadecane, 9-oc...	22.32	2.4	ng	151298	5	21.53	1284780	20.0
Heneicosane	22.99	2.5	ng	159876	5	21.53	1284780	20.0