LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045314.D
Acq On : 12 May 2020 4:03
Operator : CG/JU
Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

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	3.140	5	9	18	rVB2	55759	101160	2.77%	0.496%
2	5.543	411	418	431	rBV	667470	1139509	31.15%	5.589%
3	7.141	681	690	704	rBV	717874	1327951	36.30%	6.514%
4	7.975	823	832	839	rBV	268781	480789	13.14%	2.358%
5	8.298	880	887	896	rBV	635133	1126072	30.78%	5.523%
6	8.744	955	963	975	rBV	47816	94760	2.59%	0.465%
7	9.132	1021	1029	1039	rBV	484785	898618	24.56%	4.408%
8	10.783	1301	1310	1321	rBV	350594	658854	18.01%	3.232%
9	13.238	1720	1728	1738	rBV	1364501	2233662	61.06%	10.956%
10	14.067	1863	1869	1874	rBV	134938	204933	5.60%	1.005%
11	14.619	1952	1963	1970	rBV	584505	951135	26.00%	4.665%
12	16.105	2210	2216	2228	rBV	1152212	1813816	49.58%	8.897%
13	17.368	2423	2431	2439	rBV	746692	1219544	33.34%	5.982%
14	19.982	2869	2876	2884	rBV	2658957	3658307	100.00%	17.944%
15	21.286	3093	3098	3111	rBV2	167139	326174	8.92%	1.600%
16	21.627	3149	3156	3167	rBV2	802316	1384708	37.85%	6.792%
17	21.833	3187	3191	3197	rVB	67127	98306	2.69%	0.482%
18	22.438	3289	3294	3301	rBV2	119455	233902	6.39%	1.147%
19	23.119	3404	3410	3417	rVB2	159128	289212	7.91%	1.419%
20	23.918	3537	3546	3554	rBV	157650	347565	9.50%	1.705%
21	24.787	3684	3694	3702	rBV	486500	1455397	39.78%	7.139%
22	25.962	3886	3894	3906	rVB3	99837	296648	8.11%	1.455%
23	27.284	4114	4119	4120	rBV4	38991	46223	1.26%	0.227%

Sum of corrected areas: 20387245

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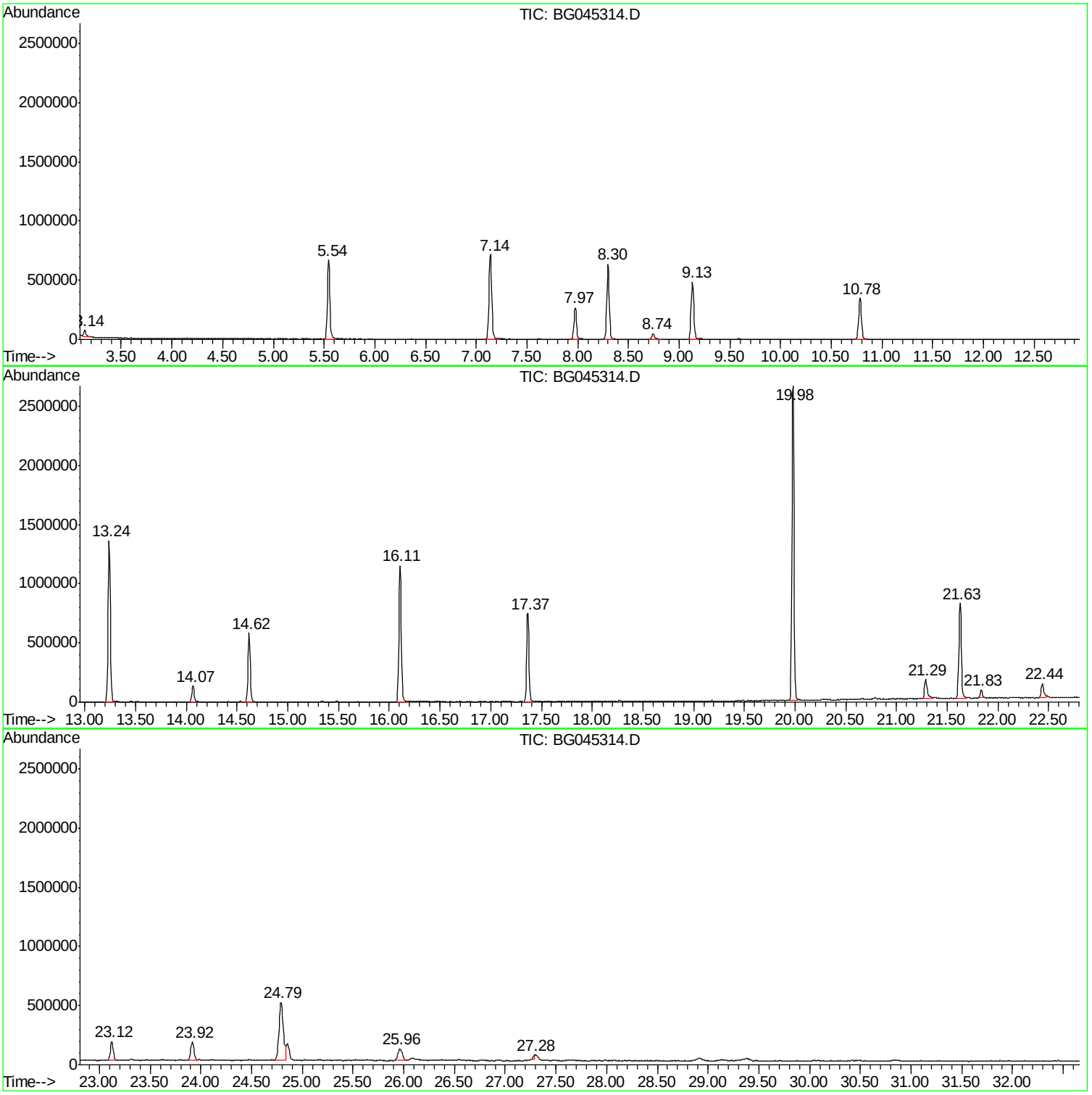
Instrument :
BNA_G
ClientSampleId :
TP-12A

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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Misc :
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Instrument : BNA_G
ClientSampleId : TP-12A

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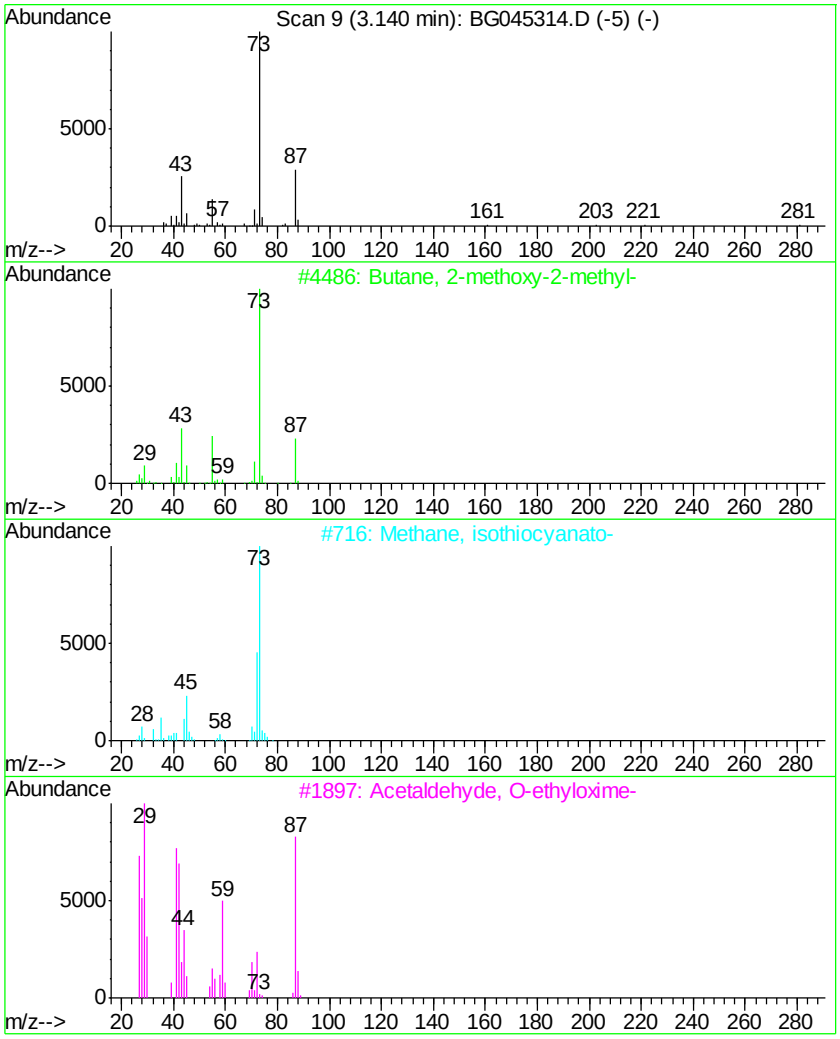
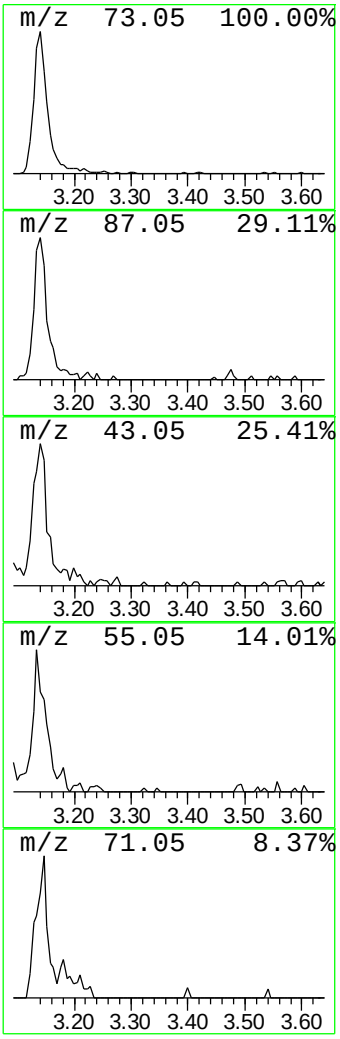
****

Peak Number 1 unknown3.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	4.21 ng	101160	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





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Instrument : BNA_G
ClientSampleId : TP-12A

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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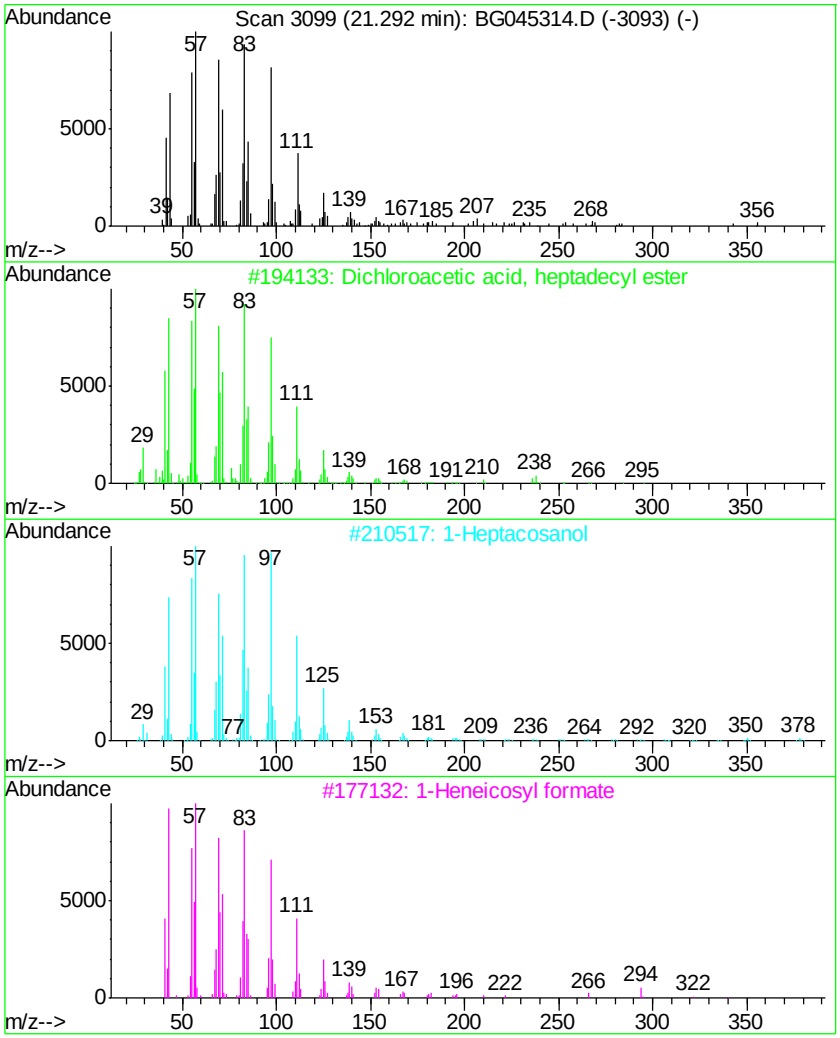
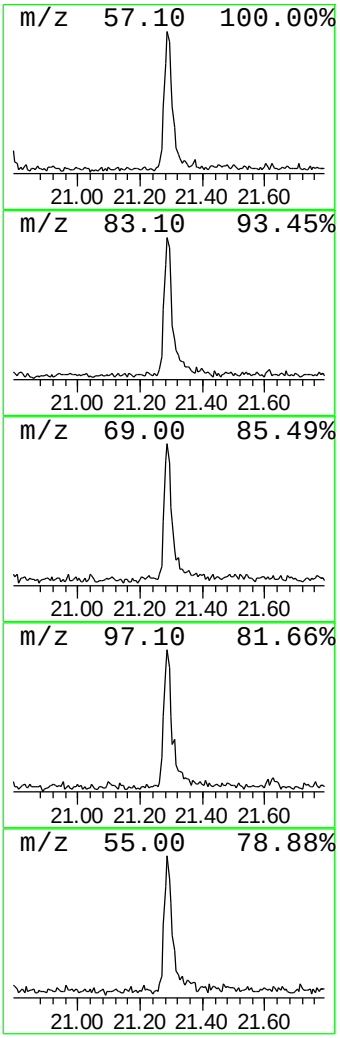
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.71 ng	326174	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Library Search Compound Report

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Data File : BG045314.D
Acq On : 12 May 2020 4:03
Operator : CG/JU
Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

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
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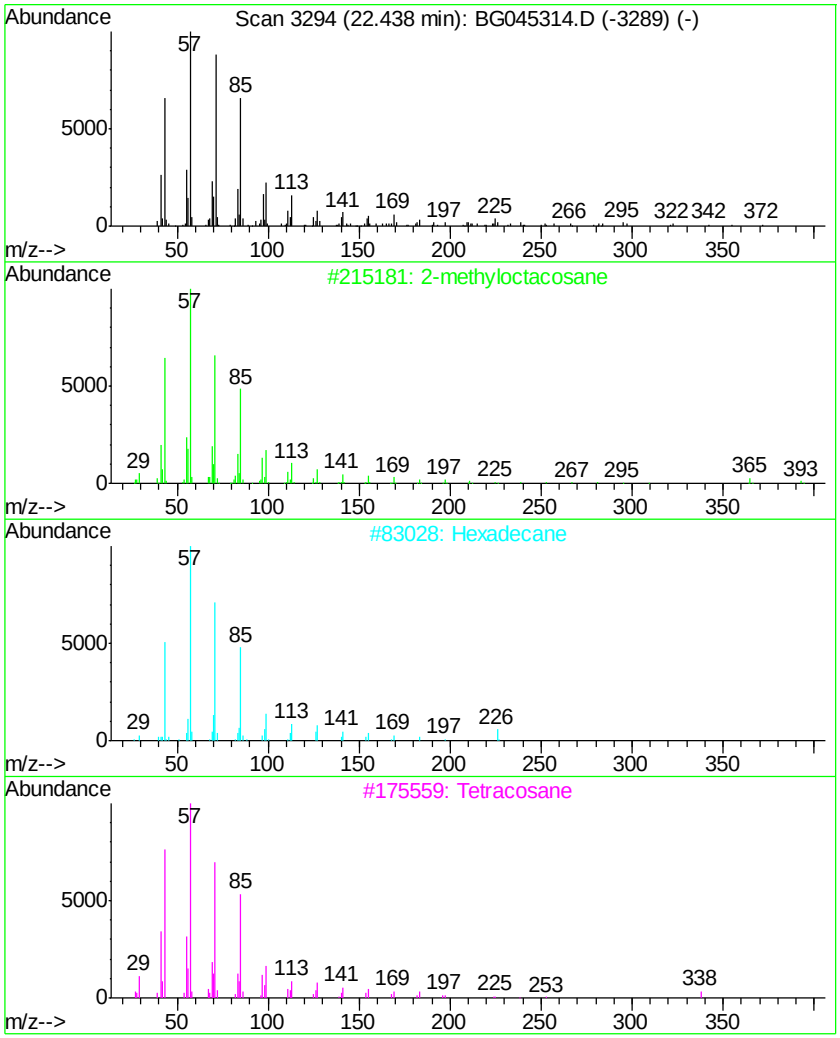
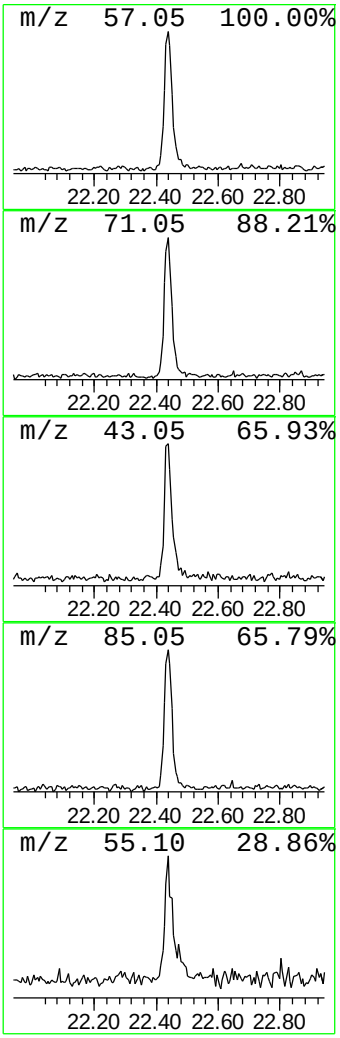
Peak Number 4 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.38 ng	233902	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Operator : CG/JU
Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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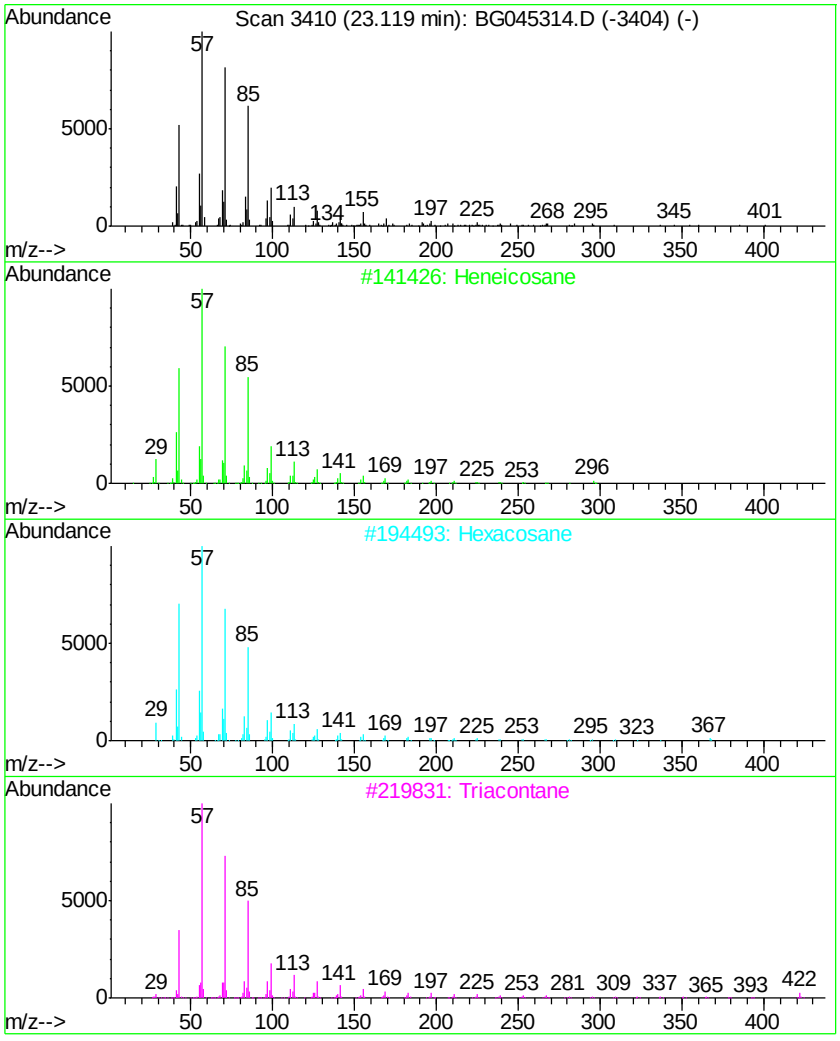
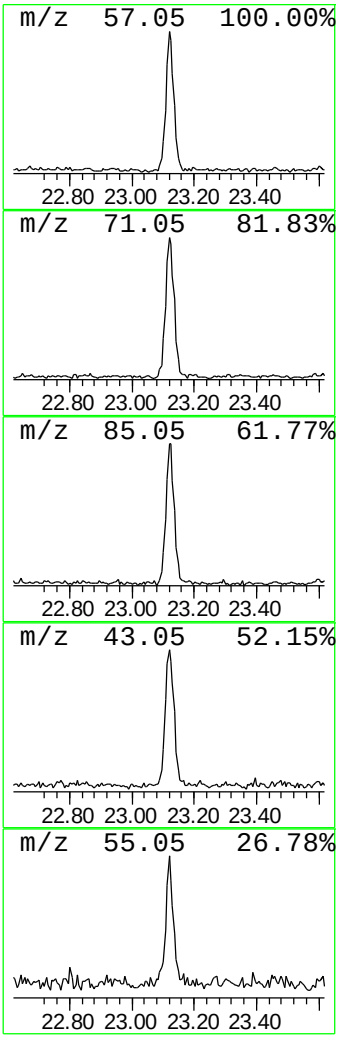
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	4.18 ng	289212	Chrysene-d12	21.63

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	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





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Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

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
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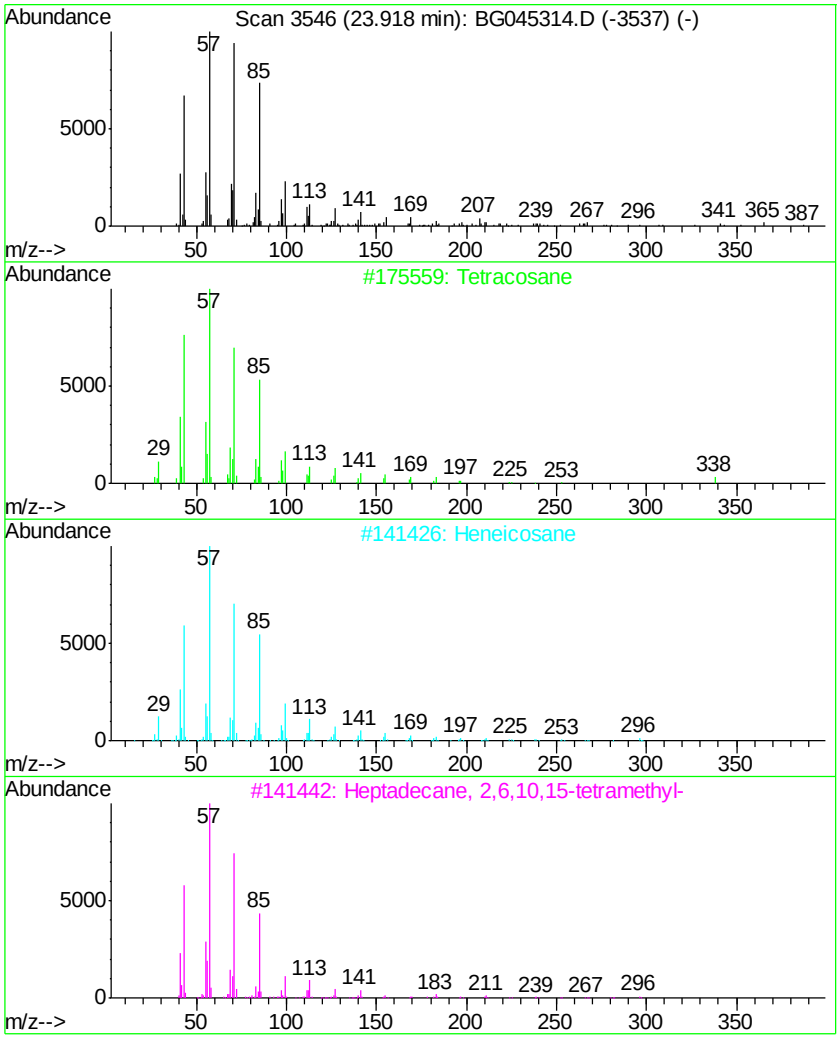
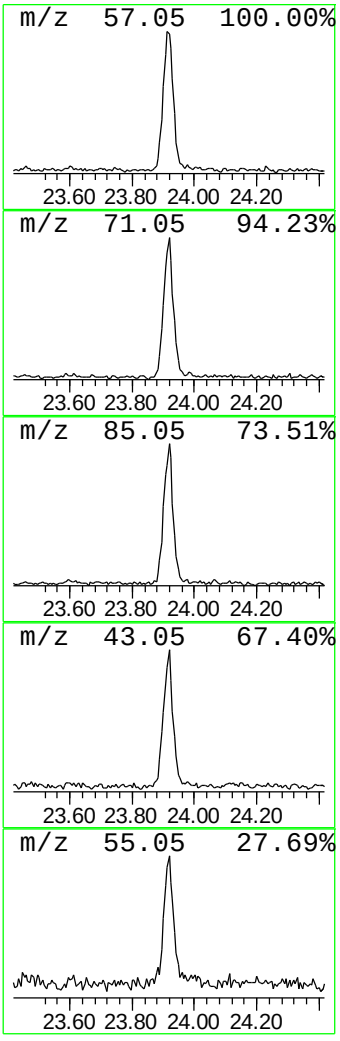
Peak Number 6 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.78 ng	347565	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Instrument : BNA_G
ClientSampleId : TP-12A

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TIC Library : C:\Database\NIST11.L
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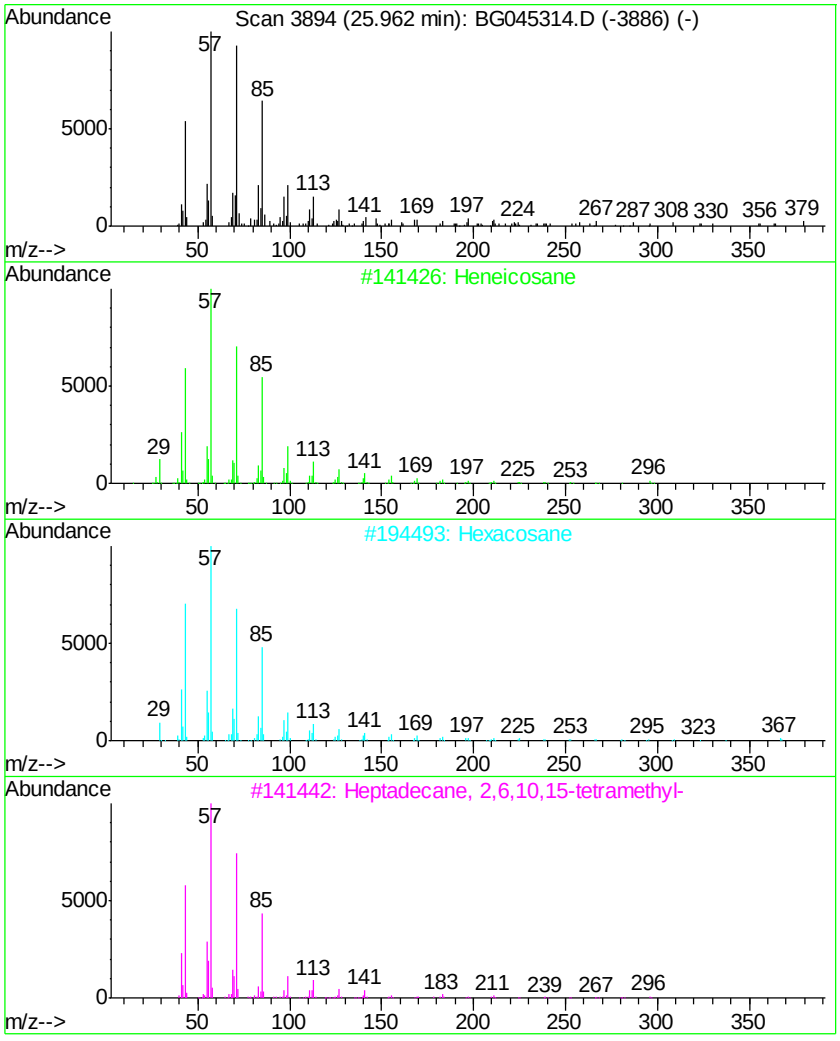
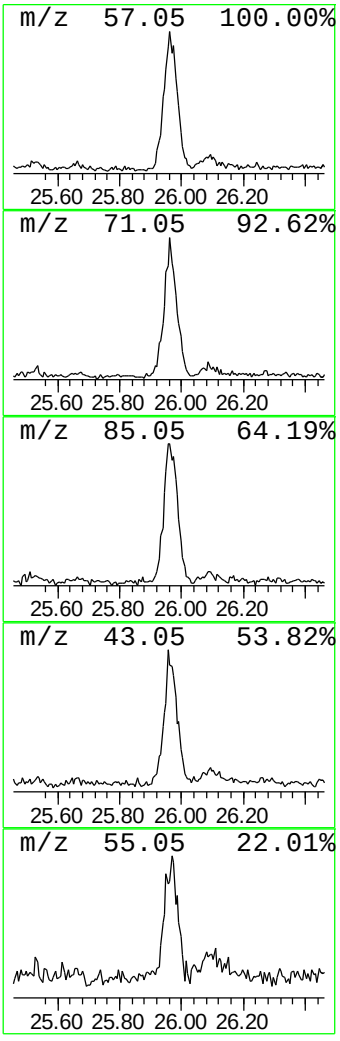
Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	4.08 ng	296648	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.14	3.14	4.2	ng	101160	1	7.97	480789	20.0
Dichloroacetic ac...	21.29	4.7	ng	326174	5	21.63	1384710	20.0
2-methyloctacosane	22.44	3.4	ng	233902	5	21.63	1384710	20.0
Heneicosane	23.12	4.2	ng	289212	5	21.63	1384710	20.0
Tetracosane	23.92	4.8	ng	347565	6	24.79	1455400	20.0
Hexacosane	25.96	4.1	ng	296648	6	24.79	1455400	20.0