LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028820.D
Acq On : 19 Sep 2017 7:40
Operator : SJ/JU
Sample : I5265-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-34D46

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:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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	5.392	301	307	314	rBV	61425	98559	3.65%	0.733%
2	5.856	379	386	397	rBV	546029	906588	33.54%	6.746%
3	7.443	647	656	670	rBV	561944	1033968	38.25%	7.694%
4	7.824	712	721	734	rVB	523659	938140	34.71%	6.981%
5	8.289	792	800	813	rVB	98906	179711	6.65%	1.337%
6	8.612	845	855	865	rBV	321746	582218	21.54%	4.333%
7	9.458	991	999	1010	rBV	320225	595841	22.04%	4.434%
8	11.109	1272	1280	1292	rBV	140925	261561	9.68%	1.946%
9	13.524	1684	1691	1699	rVB	772912	1238552	45.82%	9.217%
10	14.346	1824	1831	1837	rBV	121803	192791	7.13%	1.435%
11	14.910	1921	1927	1934	rVB2	250086	416957	15.43%	3.103%
12	16.115	2127	2132	2138	rBV2	26748	45358	1.68%	0.338%
13	16.397	2173	2180	2191	rBV	979285	1563467	57.84%	11.635%
14	16.597	2205	2214	2221	rBV2	39616	81851	3.03%	0.609%
15	17.419	2348	2354	2360	rBV2	25144	32697	1.21%	0.243%
16	17.660	2388	2395	2405	rBV2	406594	641972	23.75%	4.777%
17	18.512	2535	2540	2551	rBV2	67124	126369	4.68%	0.940%
18	19.769	2750	2754	2766	rBV7	30199	60241	2.23%	0.448%
19	20.245	2829	2835	2843	rBV	1969184	2702992	100.00%	20.114%
20	21.555	3052	3058	3067	rBV2	65011	157690	5.83%	1.173%
21	21.984	3124	3131	3142	rBV2	418034	755423	27.95%	5.621%
22	22.848	3271	3278	3284	rBV2	18256	41917	1.55%	0.312%
23	23.506	3385	3390	3396	rVB7	17912	34016	1.26%	0.253%
24	25.451	3707	3721	3734	rBV	235273	749268	27.72%	5.576%

Sum of corrected areas: 13438147

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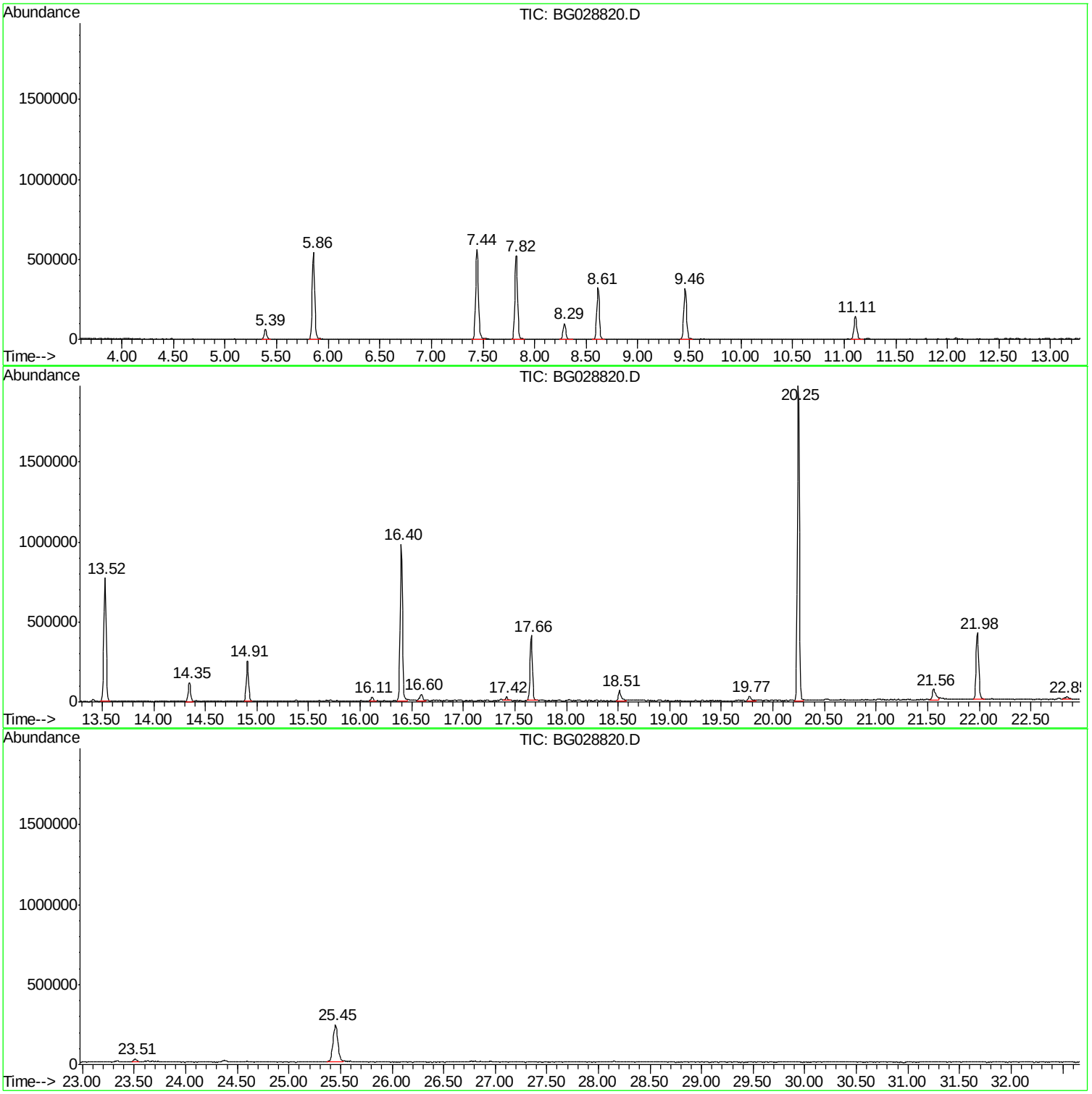
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BG028820.D
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Sample : I5265-17
Misc :
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Instrument : BNA_G
ClientSampleId : TP-34D46

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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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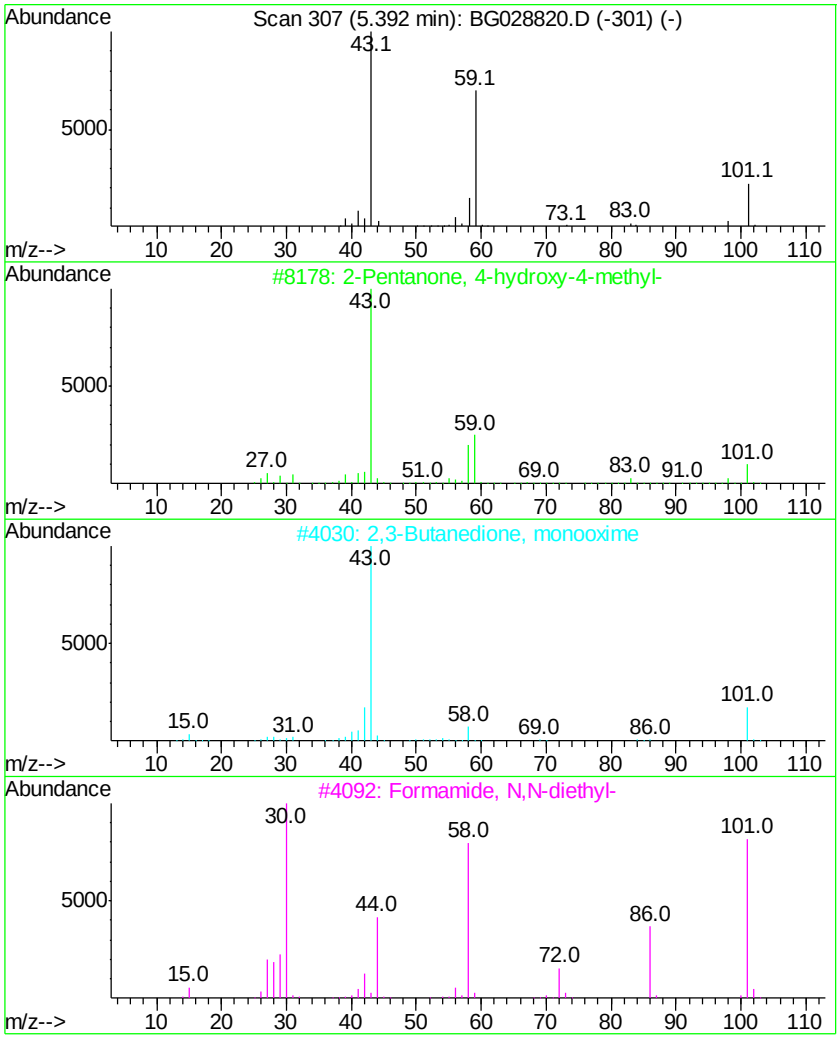
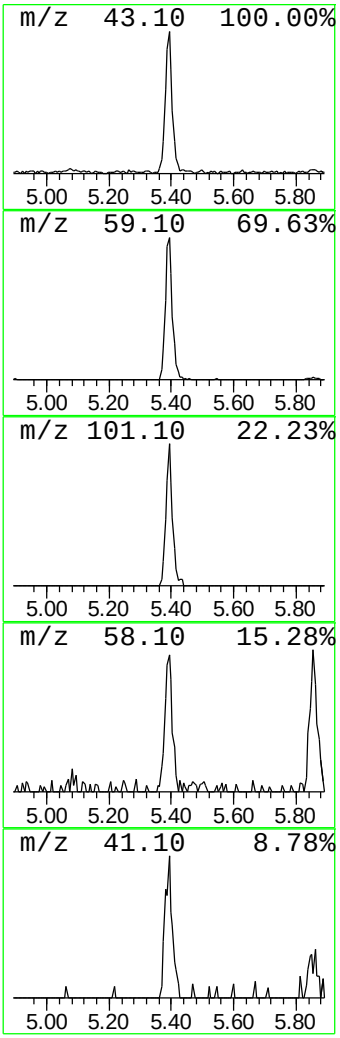
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	10.97 ng	98559	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





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TIC Library : C:\Database\NIST11.L
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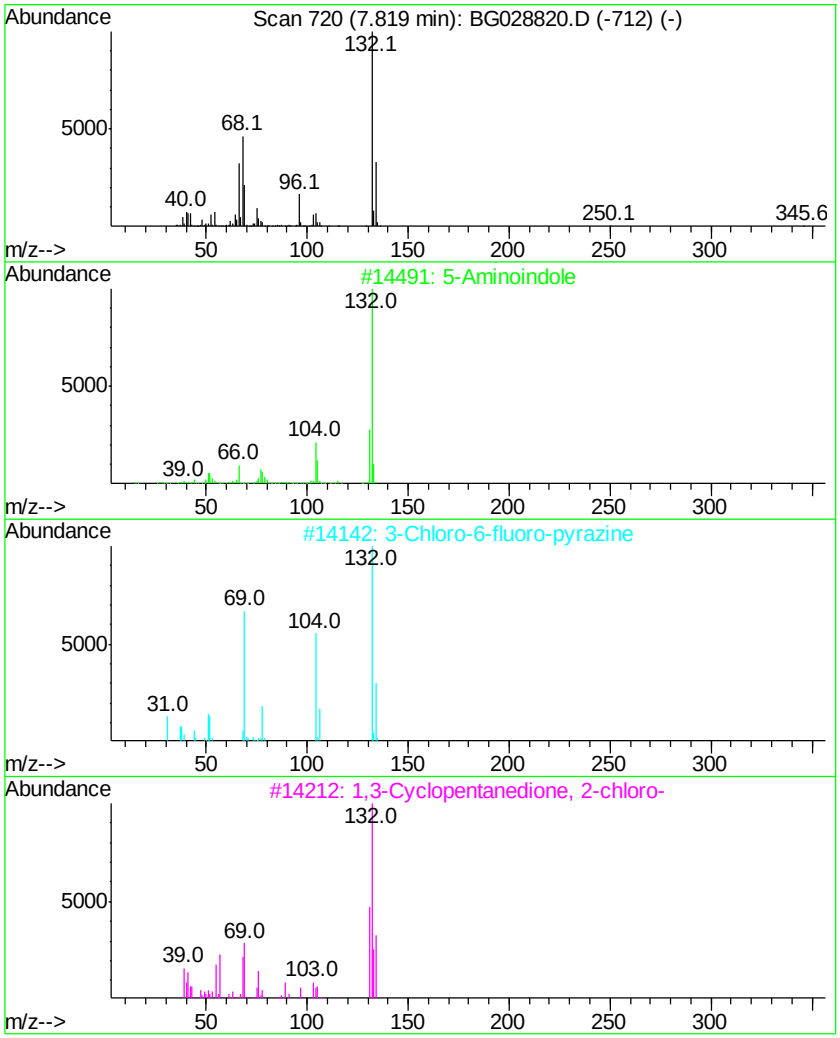
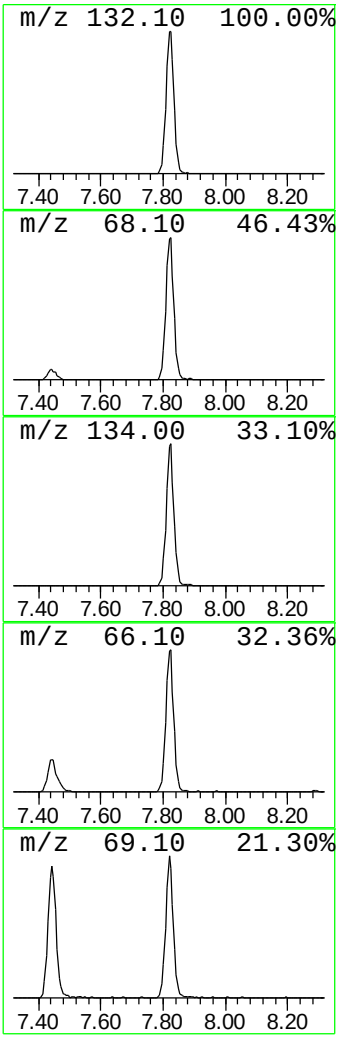
Peak Number 2 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	104.41 ng	938140	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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ClientSampleId : TP-34D46

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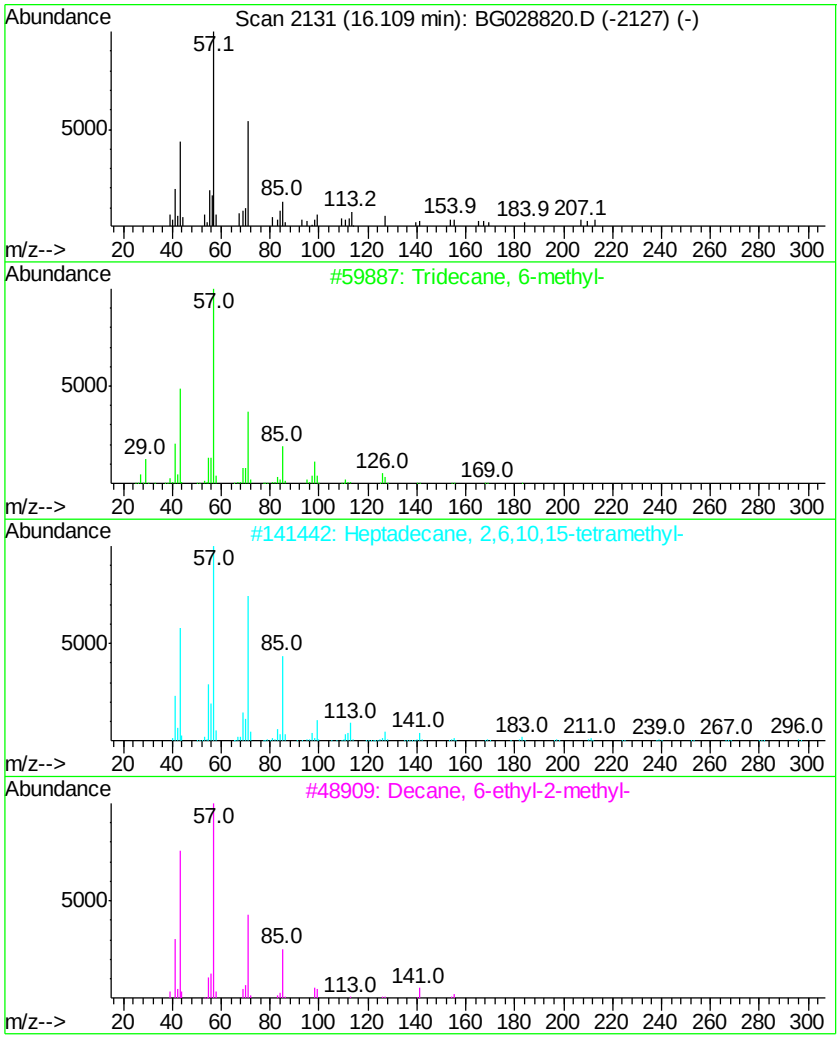
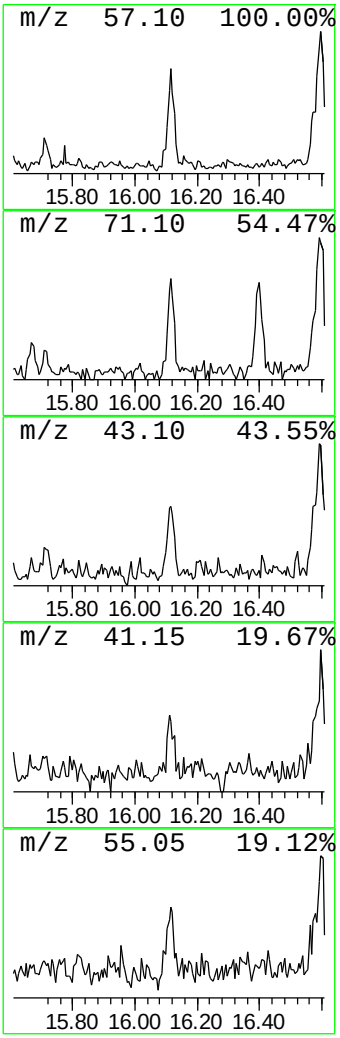
Peak Number 4 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.18 ng	45358	Acenaphthene-d10	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53





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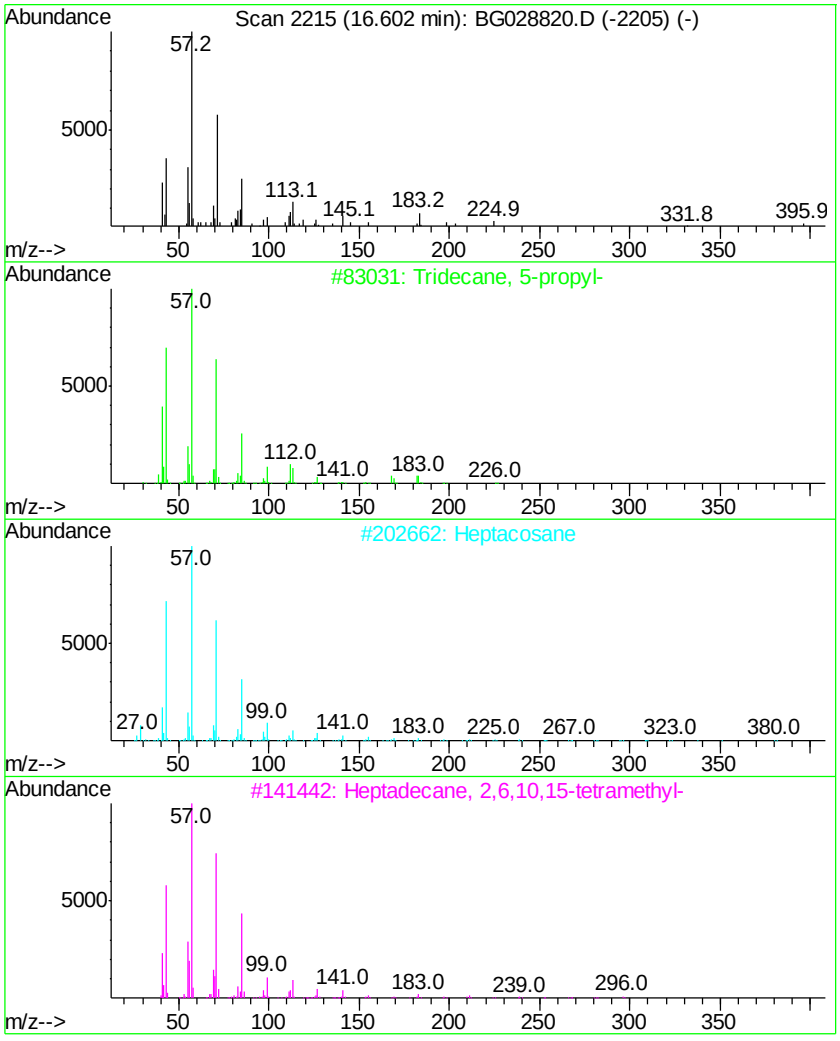
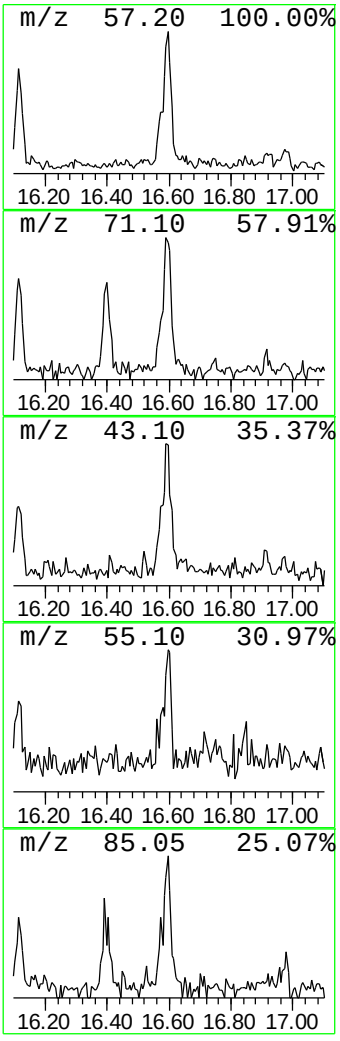
Peak Number 5 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.55 ng	81851	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Heptacosane	380	C27H56	000593-49-7	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Tritetracontane	605	C43H88	007098-21-7	64
5	Octacosane	394	C28H58	000630-02-4	62





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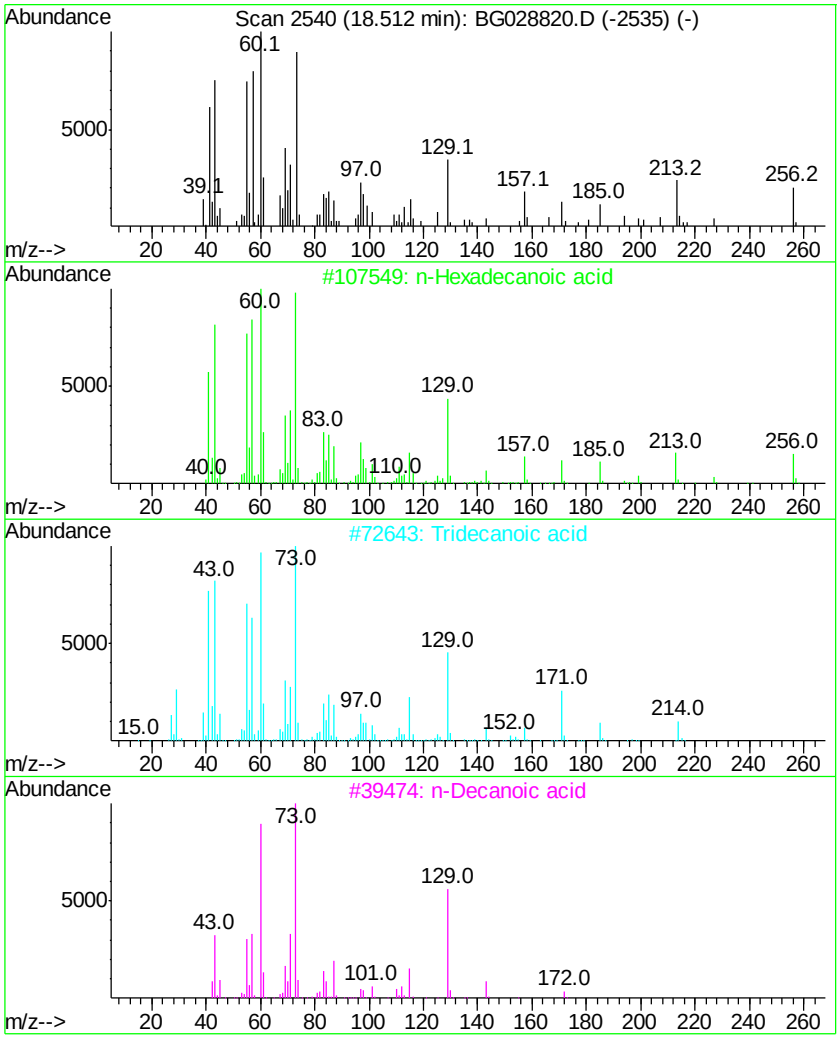
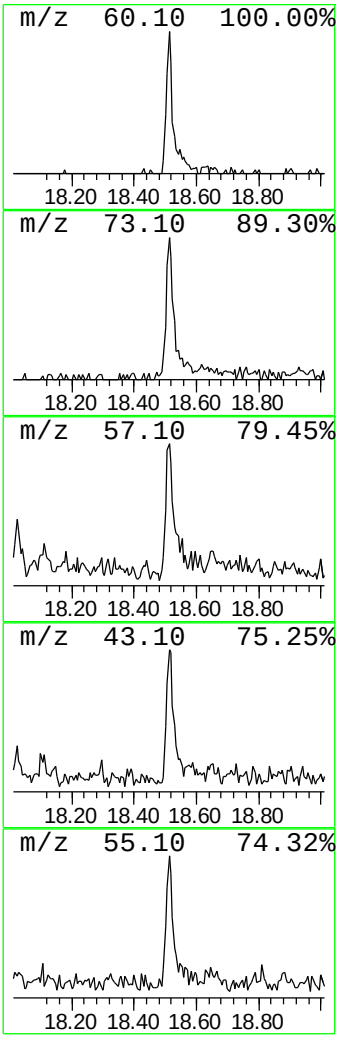
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.94 ng	126369	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	47





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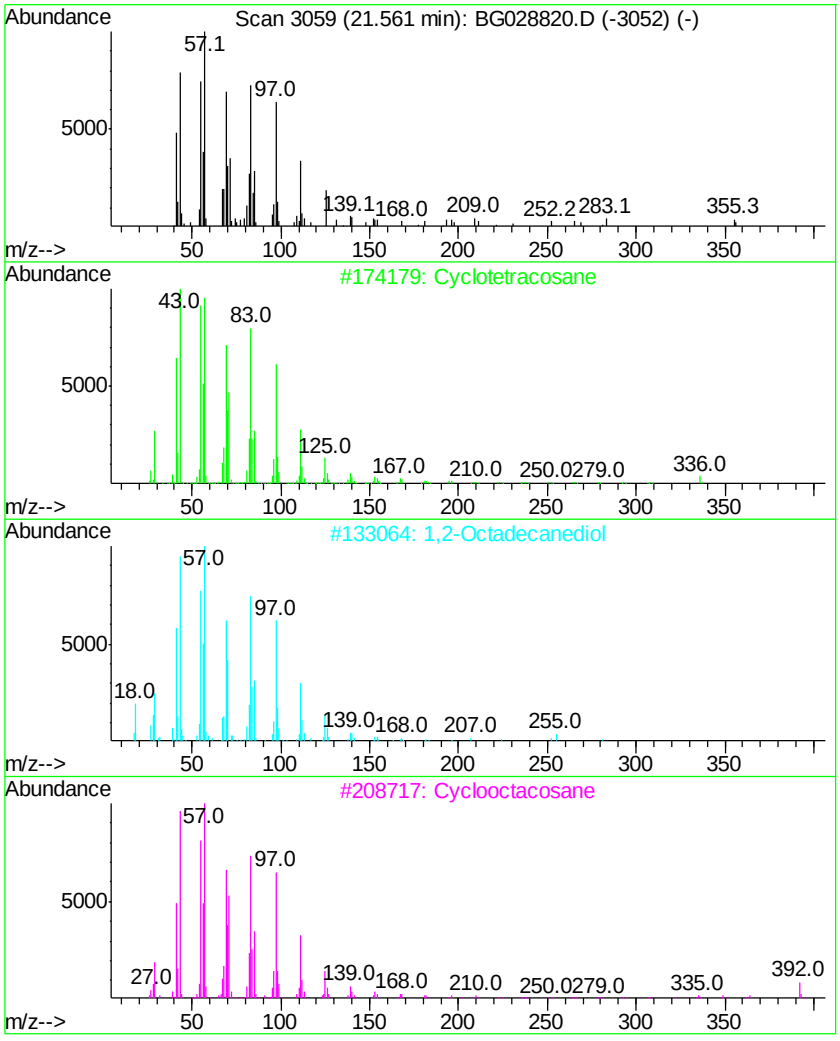
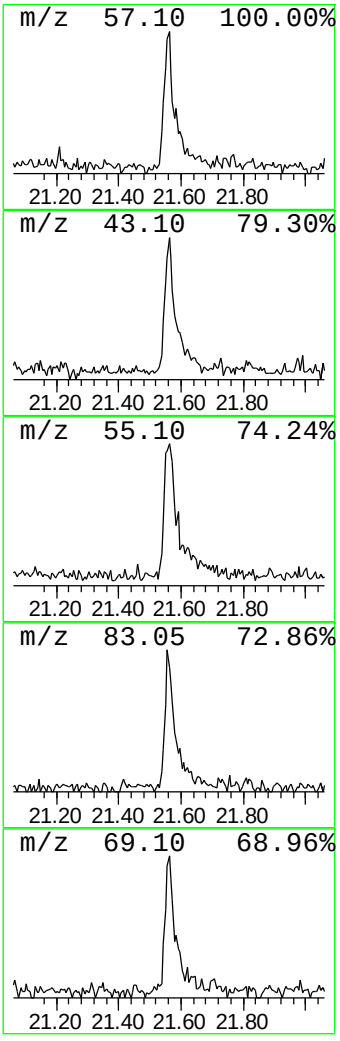
Peak Number 7 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	4.17 ng	157690	Chrysene-d12	21.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	87
2	1,2-Octadecanediol	286	C18H38O2	020294-76-2	68
3	Cyclooctacosane	392	C28H56	000297-24-5	68
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	68
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.39	11.0	ng	98559	1	8.29	179711	20.0
unknown7.82	7.82	104.4	ng	938140	1	8.29	179711	20.0
Tridecane, 6-methyl-	16.11	2.2	ng	45358	3	14.91	416957	20.0
Tridecane, 5-propyl-	16.60	2.5	ng	81851	4	17.66	641972	20.0
n-Hexadecanoic acid	18.51	3.9	ng	126369	4	17.66	641972	20.0
Cyclotetracosane	21.56	4.2	ng	157690	5	21.98	755423	20.0