LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042485.D
Acq On : 25 Aug 2019 19:37
Operator : HP/JU
Sample : K4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

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-BG082219.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	3.117	3	5	27	rVB	712431	902584	23.40%	4.431%
2	5.556	413	420	441	rBV	730453	1197292	31.04%	5.878%
3	7.166	685	694	713	rBV	757134	1336464	34.65%	6.561%
4	7.530	744	756	766	rBV	772126	1347305	34.93%	6.615%
5	8.000	829	836	845	rBV	143159	244139	6.33%	1.199%
6	8.323	883	891	902	rBV	610439	1085120	28.14%	5.327%
7	9.169	1027	1035	1052	rBV	416486	808322	20.96%	3.968%
8	10.826	1309	1317	1334	rBV	168234	348793	9.04%	1.712%
9	13.276	1727	1734	1755	rBV	1388538	2317503	60.09%	11.378%
10	14.110	1869	1876	1888	rBV	59957	112288	2.91%	0.551%
11	14.657	1962	1969	1978	rBV	355070	583416	15.13%	2.864%
12	16.149	2216	2223	2243	rBV	1263065	2135283	55.36%	10.483%
13	17.412	2432	2438	2442	rBV	518121	791198	20.51%	3.884%
14	17.453	2442	2445	2452	rVB	105308	158235	4.10%	0.777%
15	18.305	2586	2590	2600	rBV2	105323	199299	5.17%	0.978%
16	19.463	2783	2787	2793	rBV	210289	307213	7.97%	1.508%
17	19.827	2845	2849	2857	rVB	175704	246693	6.40%	1.211%
18	20.027	2877	2883	2889	rBV	2910731	3856790	100.00%	18.935%
19	21.337	3103	3106	3117	rVB5	94195	210719	5.46%	1.035%
20	21.684	3159	3165	3171	rBV	537026	1011500	26.23%	4.966%
21	23.905	3537	3543	3550	rBV2	51356	140071	3.63%	0.688%
22	24.927	3708	3717	3731	rBV	337270	1028727	26.67%	5.050%

Sum of corrected areas: 20368954

LSC Report - Integrated Chromatogram

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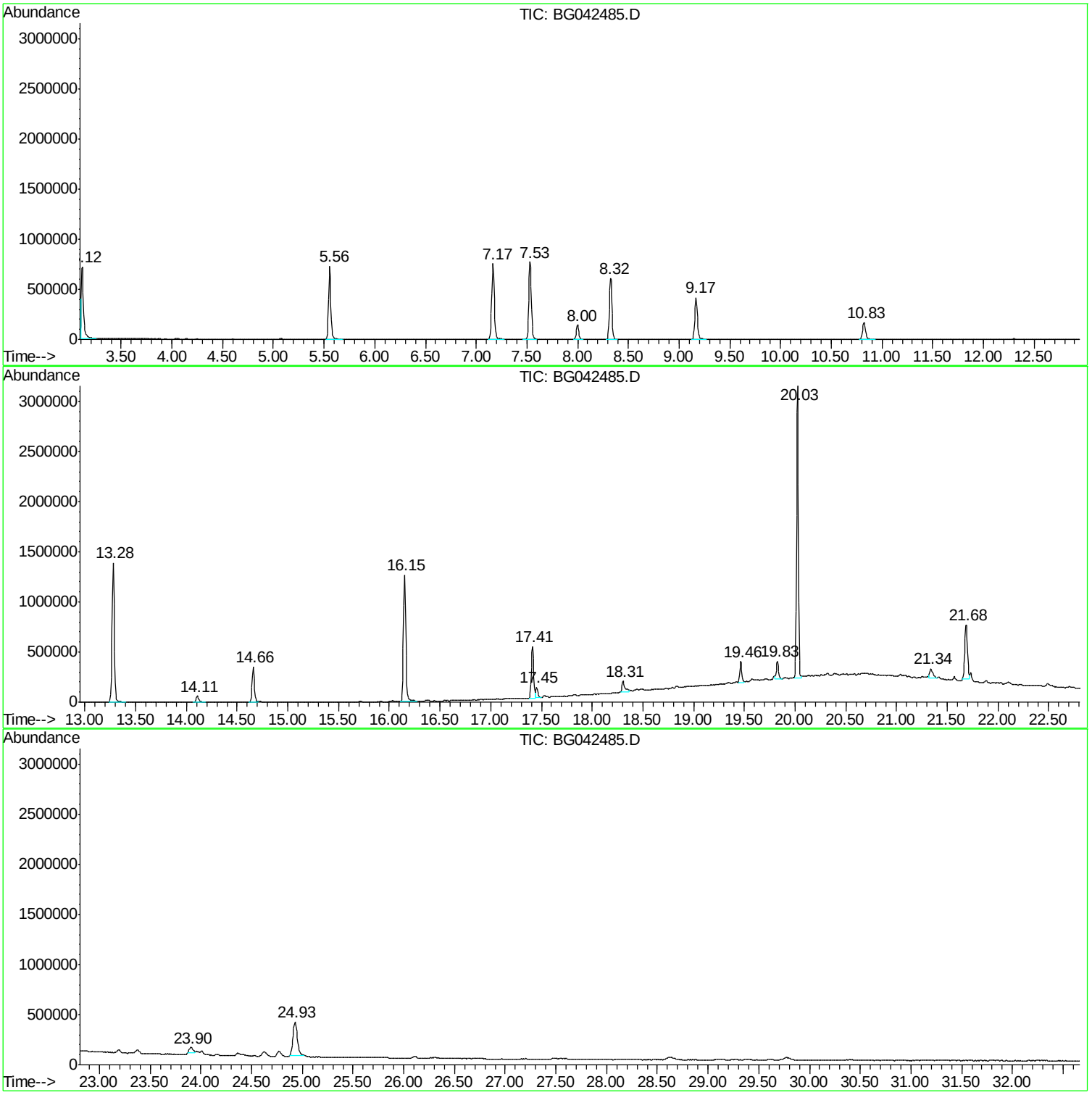
Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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\BG082519\
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Acq On : 25 Aug 2019 19:37
Operator : HP/JU
Sample : K4493-01
Misc :
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Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

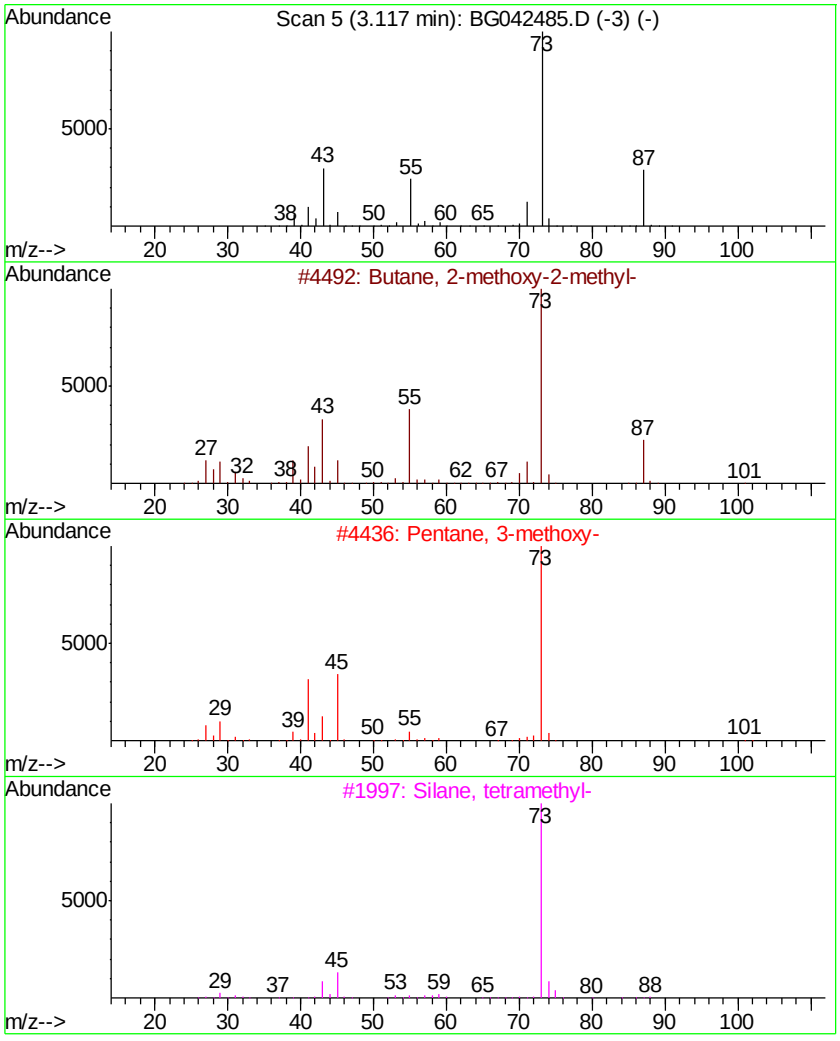
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

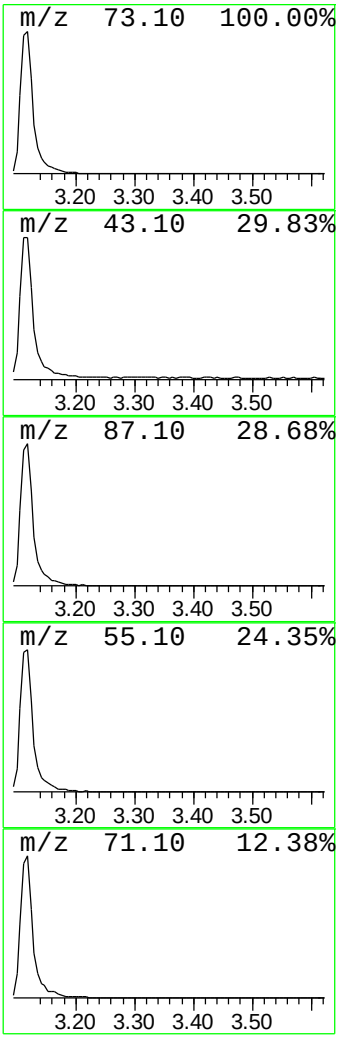
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	73.94 ng	902584	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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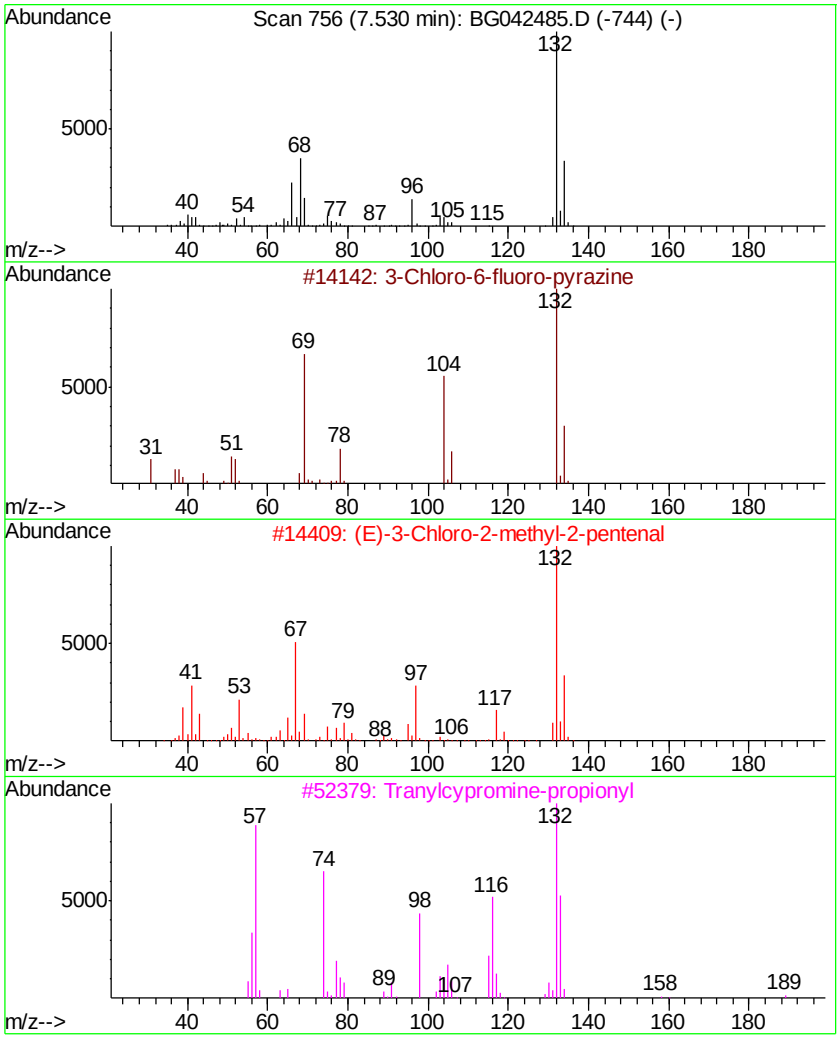
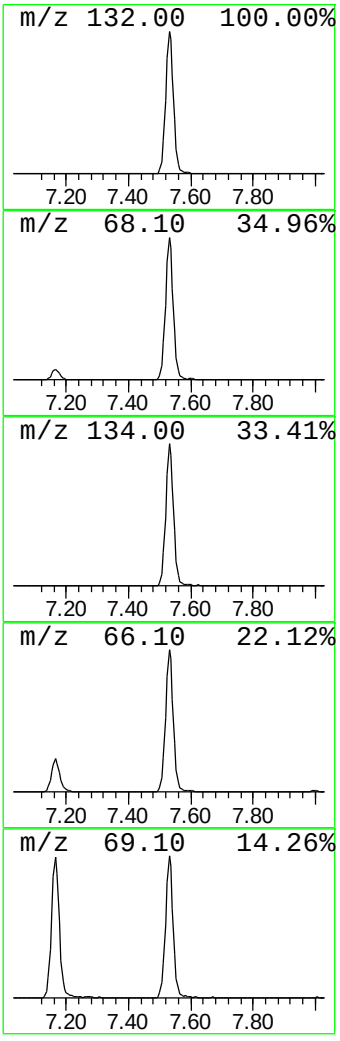
Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	110.37 ng	1347310	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Acq On : 25 Aug 2019 19:37
Operator : HP/JU
Sample : K4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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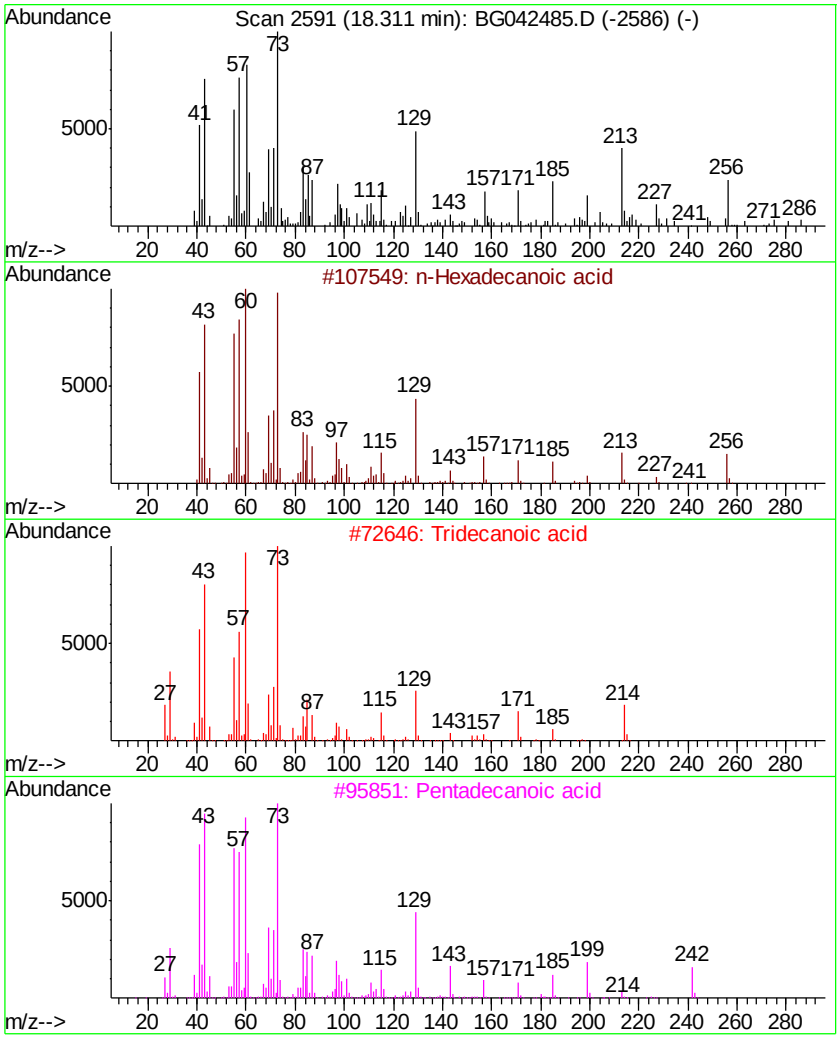
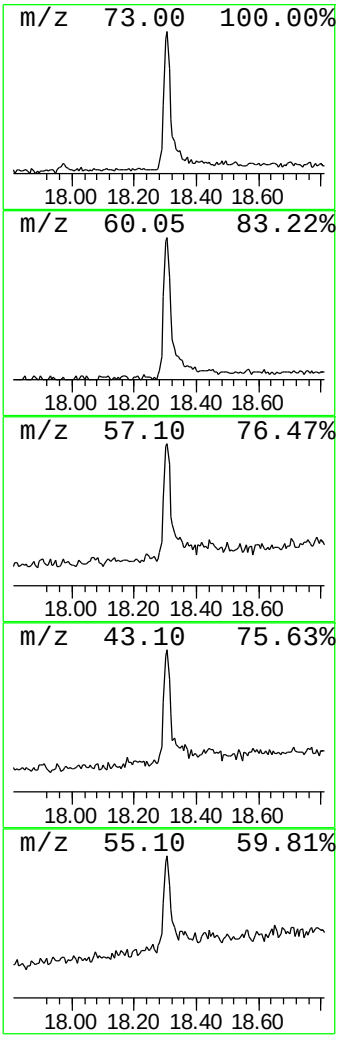
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.04 ng	199299	Phenanthrene-d10	17.41

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T9-12-13-H-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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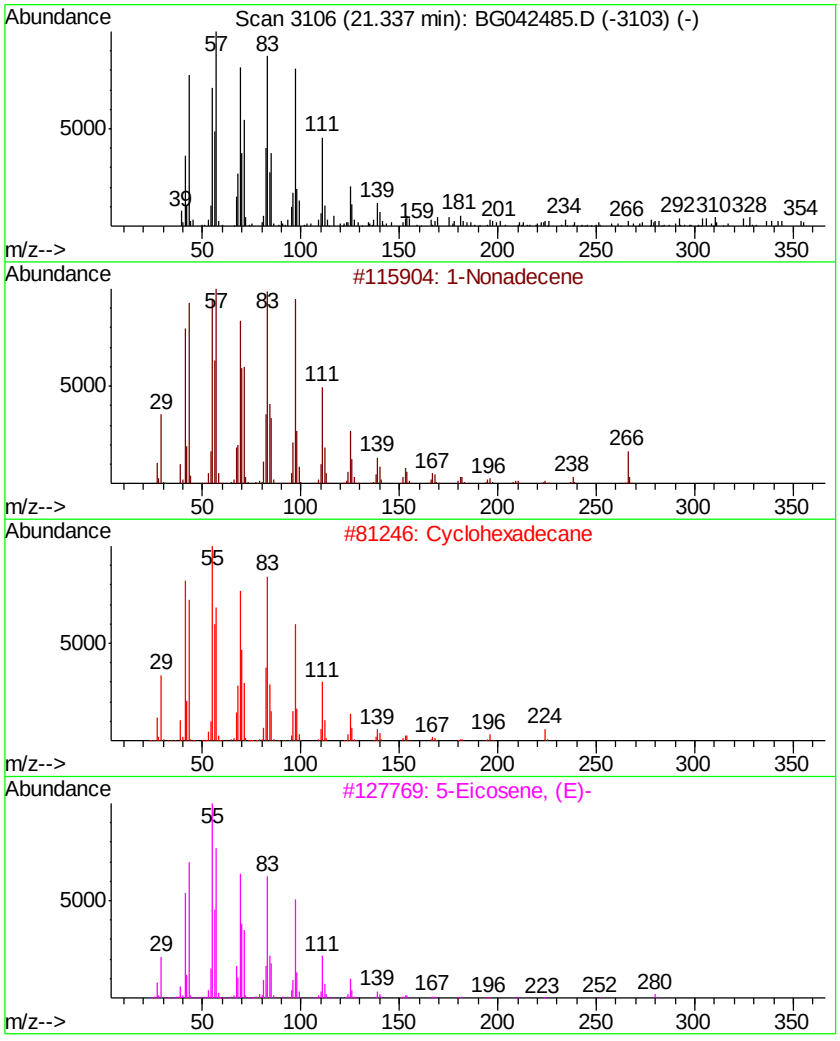
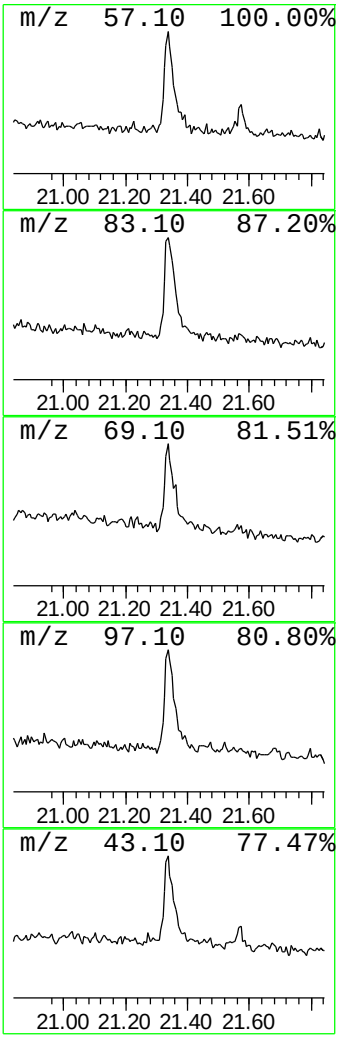
****

Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.17 ng	210719	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
4	Cyclotetracosane	336	C24H48	000297-03-0	98
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	97





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
Butane, 2-methoxy...	3.12	73.9	ng	902584	1	8.00	244139	20.0
unknown7.53	7.53	110.4	ng	1347310	1	8.00	244139	20.0
n-Hexadecanoic acid	18.31	5.0	ng	199299	4	17.41	791198	20.0
1-Nonadecene	21.34	4.2	ng	210719	5	21.69	1011500	20.0