LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047234.D
Acq On : 6 Nov 2020 1:04
Operator : CG/JU
Sample : L4641-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P0102-CAS002-0406-01

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-BG110420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.559	371	378	388	rBV	678445	1071110	35.02%	6.473%
2	7.163	642	651	662	rBV	724119	1213501	39.67%	7.334%
3	8.003	788	794	802	rBV	202585	340740	11.14%	2.059%
4	9.167	984	992	1002	rBV	444661	788395	25.77%	4.765%
5	10.818	1263	1273	1286	rBV	280572	515473	16.85%	3.115%
6	13.262	1682	1689	1699	rVB	1285280	1980693	64.75%	11.970%
7	14.090	1824	1830	1836	rBV2	58414	87775	2.87%	0.530%
8	14.643	1917	1924	1931	rVB2	527792	833055	27.23%	5.035%
9	16.129	2170	2177	2190	rBV	1283325	1892798	61.88%	11.439%
10	17.387	2384	2391	2396	rBV	705992	1067371	34.90%	6.451%
11	17.428	2396	2398	2402	rVB	38414	44919	1.47%	0.271%
12	18.274	2536	2542	2552	rBV	529305	811791	26.54%	4.906%
13	19.431	2736	2739	2744	rVB	59802	84491	2.76%	0.511%
14	19.543	2754	2758	2763	rBV	229614	326372	10.67%	1.972%
15	19.801	2799	2802	2806	rVB3	64375	81638	2.67%	0.493%
16	19.995	2830	2835	2841	rBV	2477363	3058787	100.00%	18.486%
17	20.847	2977	2980	2983	rVB	90788	105310	3.44%	0.636%
18	21.294	3052	3056	3067	rVB2	136975	277811	9.08%	1.679%
19	21.646	3111	3116	3122	rVB2	620037	966605	31.60%	5.842%
20	24.843	3652	3660	3670	rVB	368051	998002	32.63%	6.031%

Sum of corrected areas: 16546637

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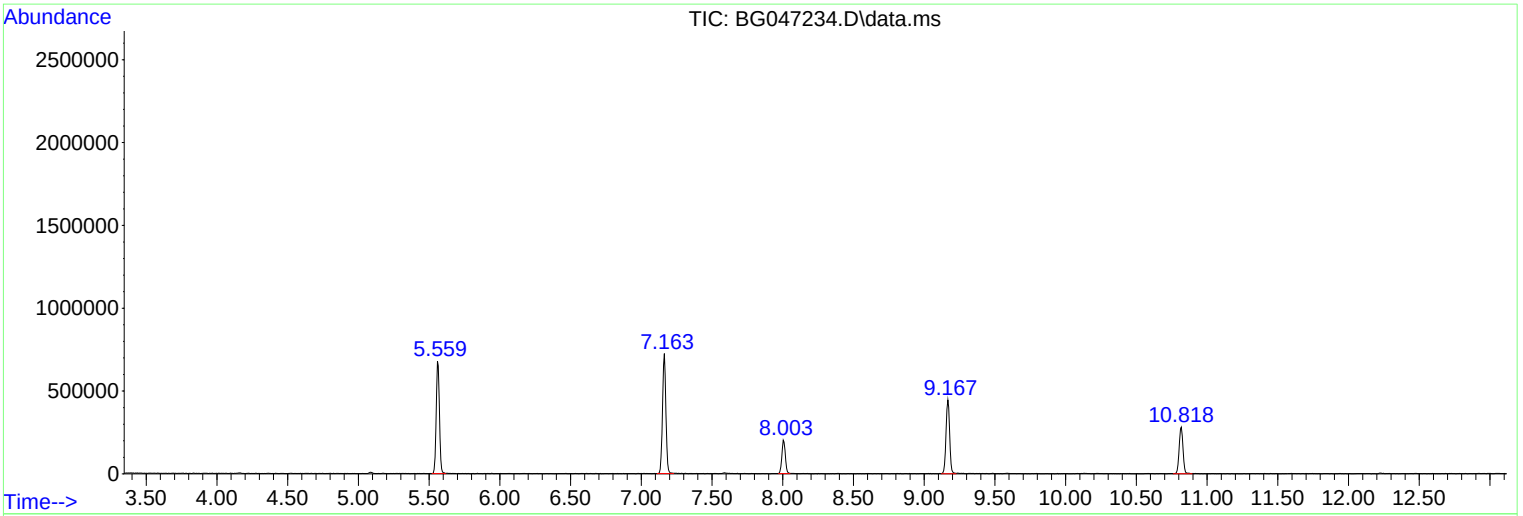
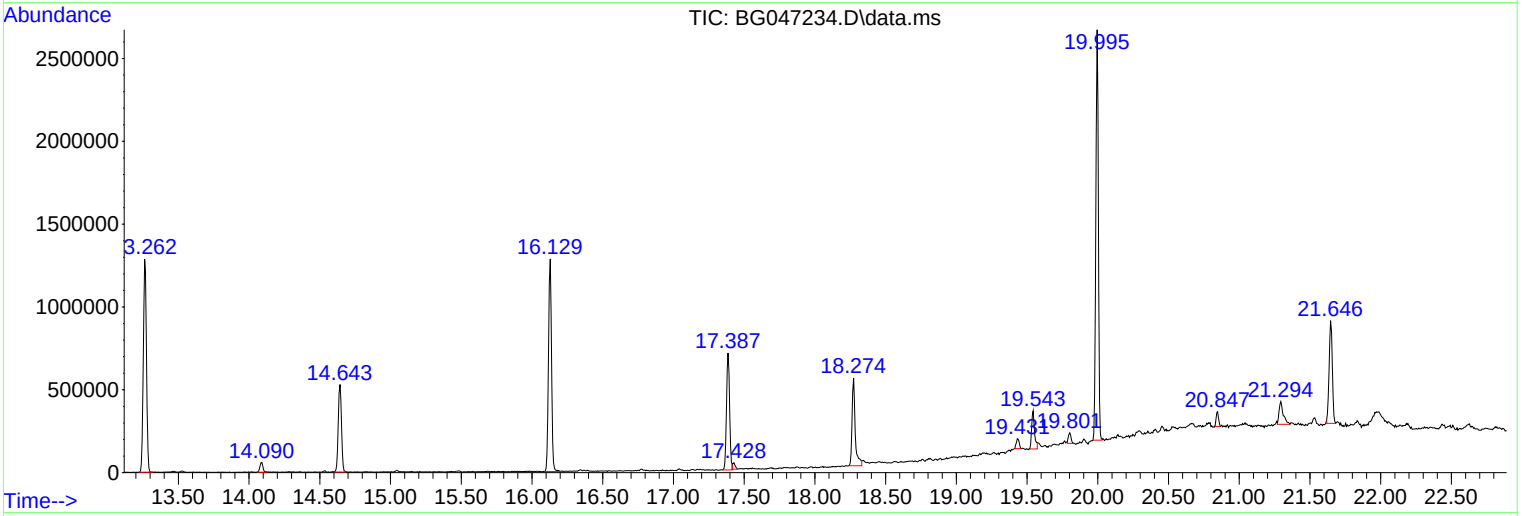
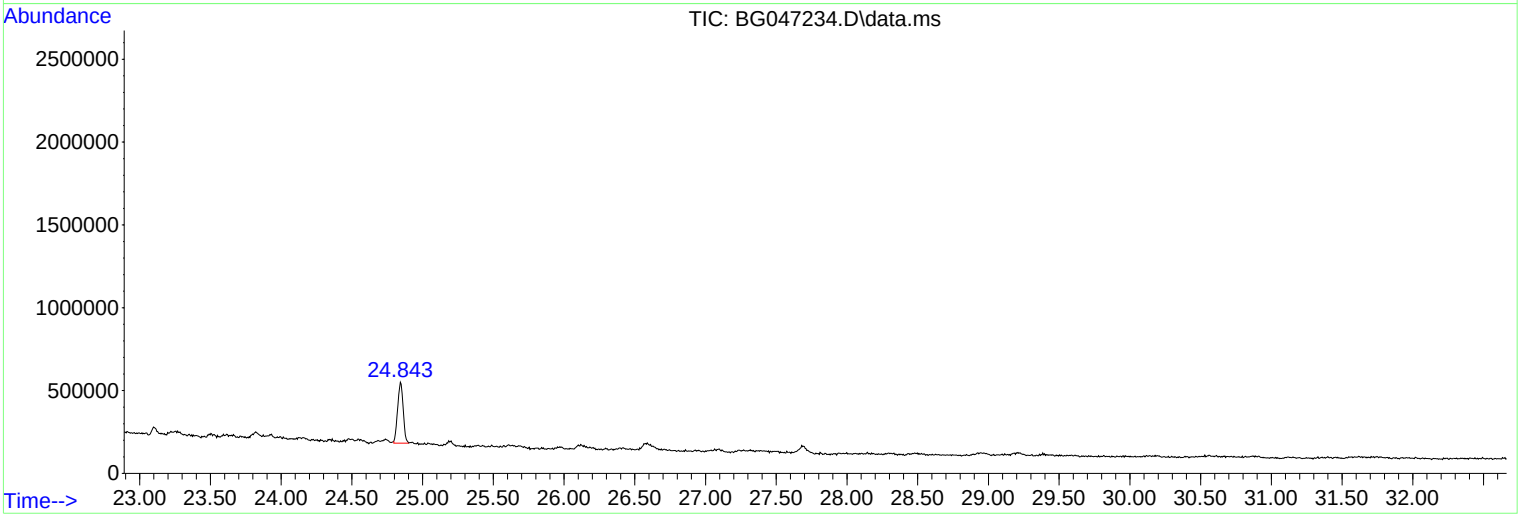
BNA_G
ClientSampleId :
P0102-CAS002-0406-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.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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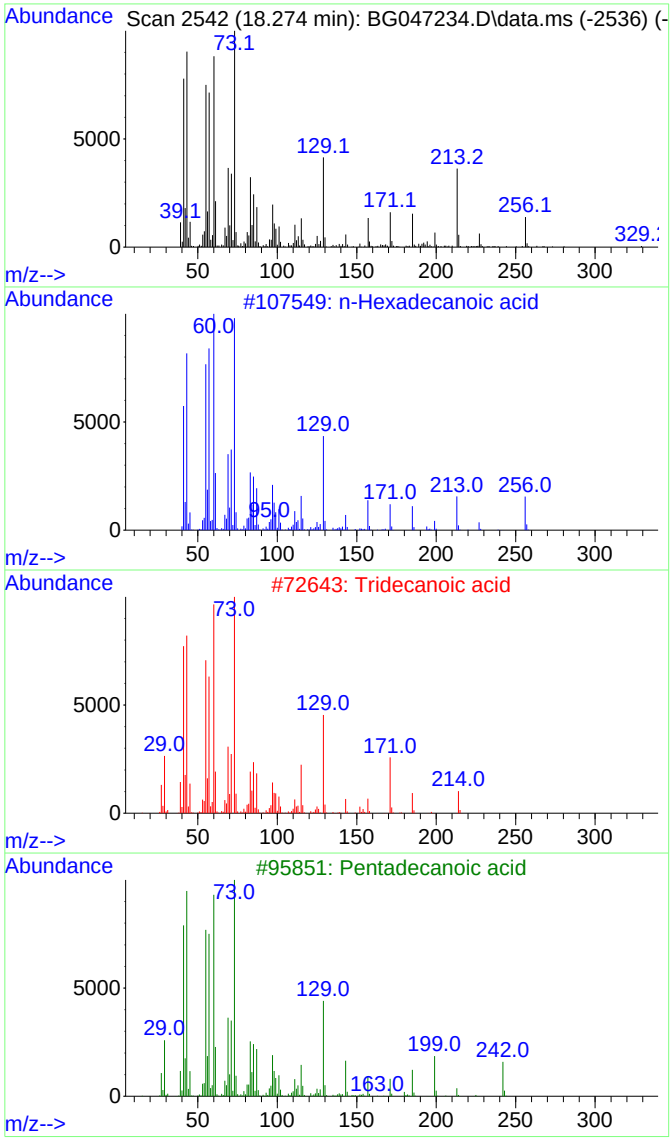
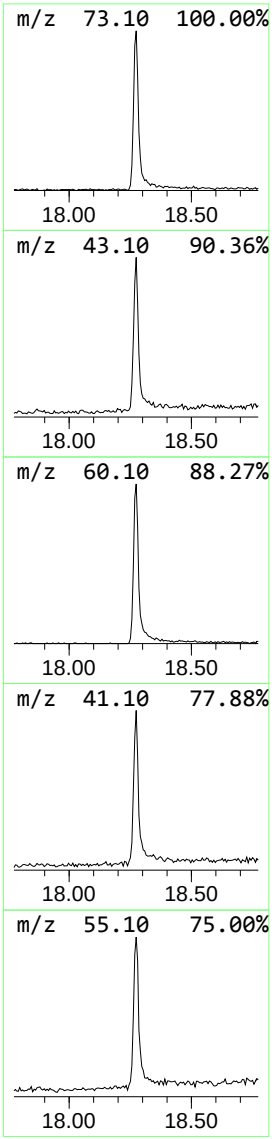
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	15.21 ng	811791	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Instrument :
BNA_G
ClientSampleId :
P0102-CAS002-0406-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
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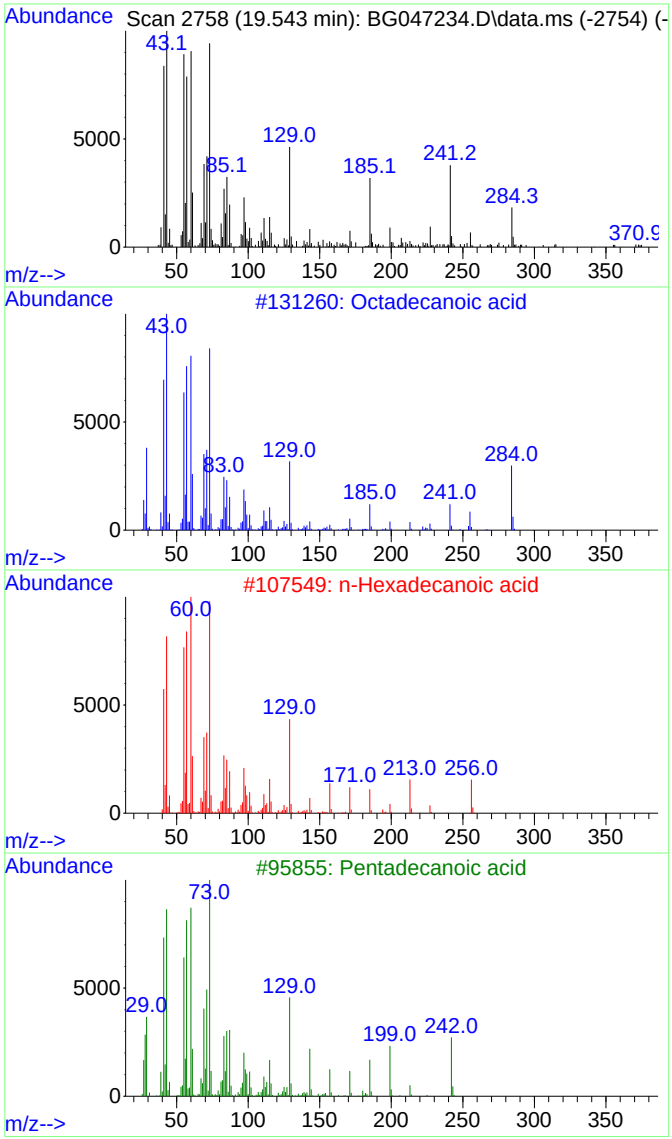
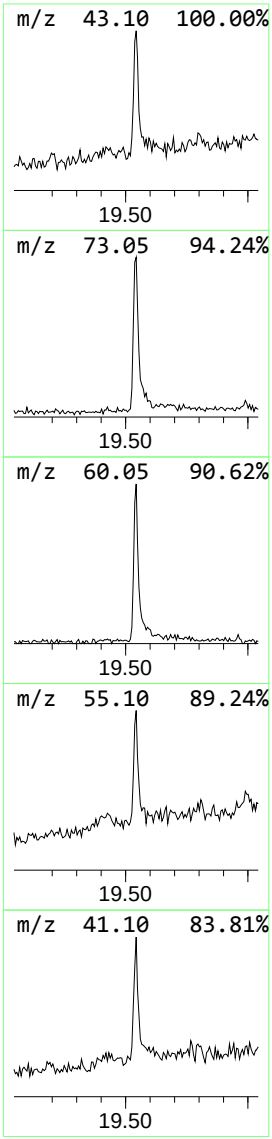
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.543	6.75 ng	326372	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : L4641-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P0102-CAS002-0406-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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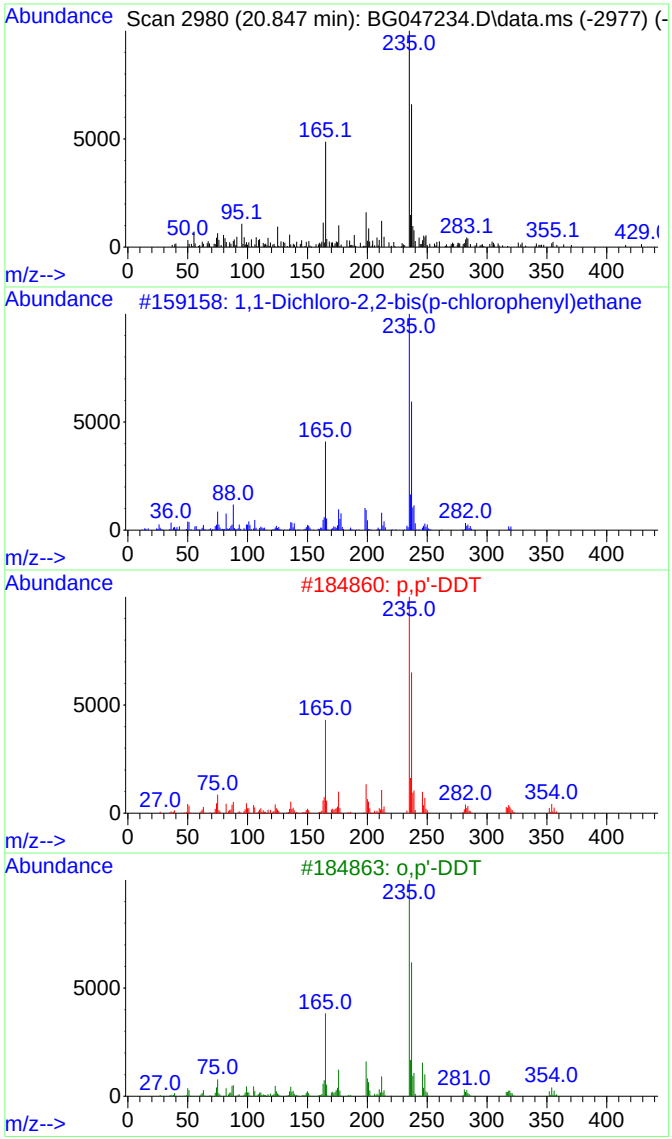
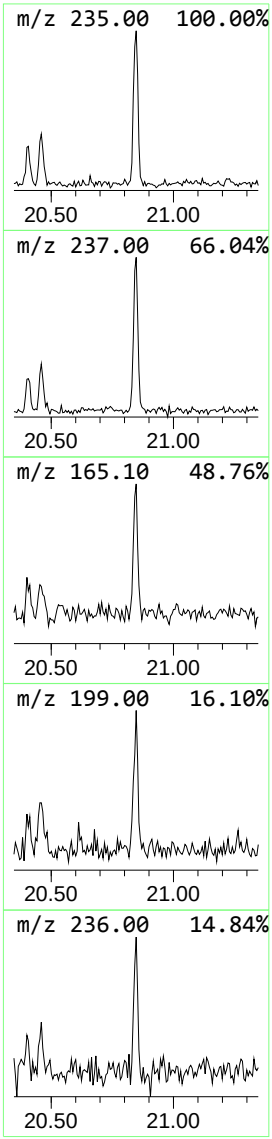
Peak Number 3 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.847	2.18 ng	105310	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	90
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	90
3	o,p'-DDT	352	C14H9Cl5	000789-02-6	83
4	1,2-Bis(2-chlorophenyl)-1,2-bis(...	470	C26H18Cl4	1000137-94-8	72
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	72





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P0102-CAS002-0406-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
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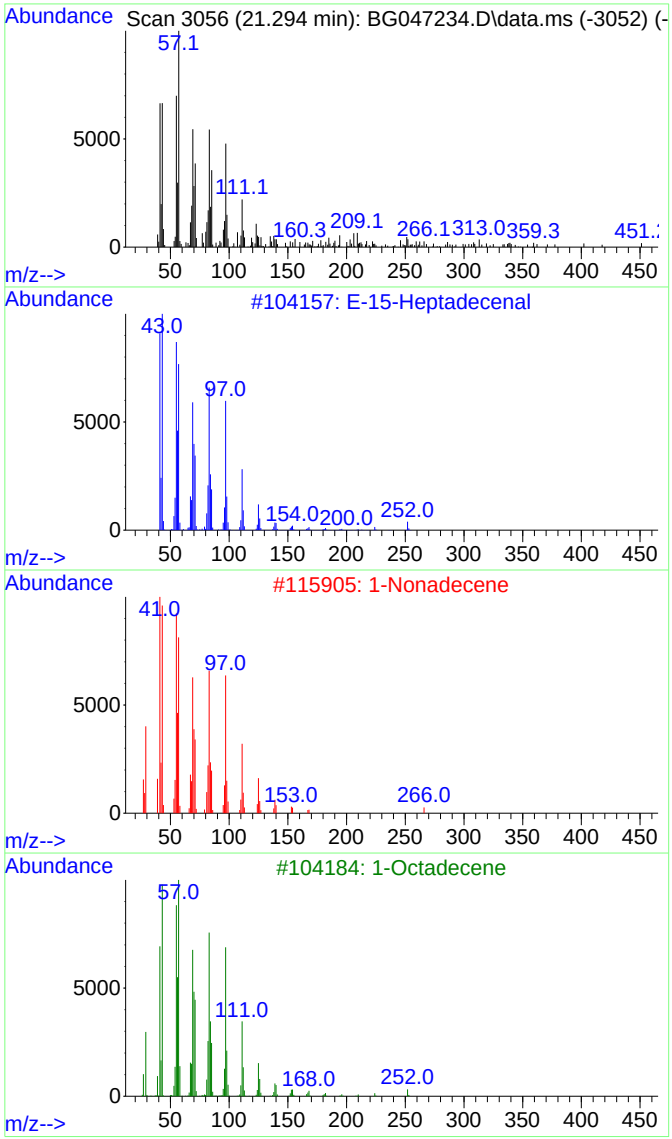
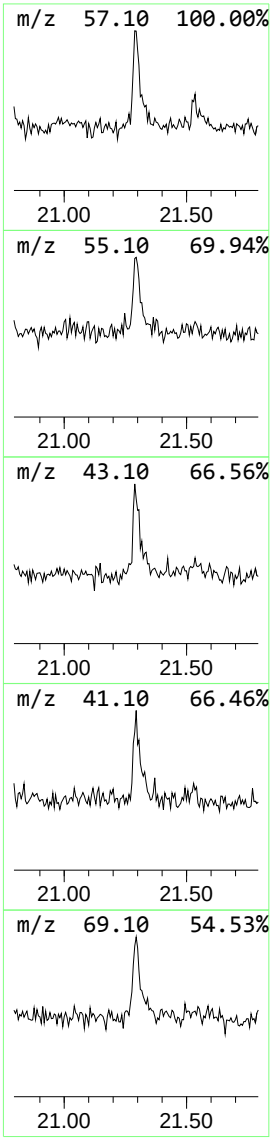
Peak Number 4 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.294	5.75 ng	277811	Chrysene-d12	21.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	1-Octadecene	252	C18H36	000112-88-9	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	1-Tricosene	322	C23H46	018835-32-0	93





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P0102-CAS002-0406-01

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.274	15.2	ng	811791	4	17.387	1067370	20.0
Octadecanoic acid	19.543	6.8	ng	326372	5	21.646	966605	20.0
1,1-Dichloro-2,...	20.847	2.2	ng	105310	5	21.646	966605	20.0
E-15-Heptadecenal	21.294	5.8	ng	277811	5	21.646	966605	20.0