LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038666.D
Acq On : 17 Dec 2018 17:03
Operator : JU/SJ
Sample : J6378-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS001-1824-01

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-BG121218.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	5.140	345	349	354	rBV	17330	26872	1.82%	0.337%
2	5.610	422	429	441	rVB	349897	590595	40.00%	7.404%
3	7.214	694	702	717	rBV	372309	700101	47.41%	8.777%
4	7.584	758	765	774	rVB	340202	612953	41.51%	7.685%
5	8.060	840	846	853	rVB	75970	131834	8.93%	1.653%
6	8.383	893	901	910	rVB	246904	453356	30.70%	5.684%
7	9.235	1038	1046	1056	rBV	226250	417472	28.27%	5.234%
8	10.874	1314	1325	1335	rBV	97358	182427	12.35%	2.287%
9	13.312	1734	1740	1753	rVB	505740	835302	56.57%	10.472%
10	14.141	1876	1881	1891	rBV	29709	44022	2.98%	0.552%
11	14.693	1969	1975	1987	rVB2	157468	269947	18.28%	3.384%
12	16.185	2222	2229	2242	rBV	528784	813594	55.10%	10.200%
13	17.443	2437	2443	2454	rVB2	240569	368223	24.94%	4.616%
14	18.301	2585	2589	2596	rBV3	26216	42795	2.90%	0.537%
15	19.576	2798	2806	2812	rBV5	6428	14933	1.01%	0.187%
16	20.046	2880	2886	2892	rBV	1130835	1476615	100.00%	18.513%
17	21.321	3098	3103	3114	rBV2	41000	84340	5.71%	1.057%
18	21.720	3164	3171	3180	rBV2	250531	431589	29.23%	5.411%
19	23.183	3412	3420	3425	rBV5	12574	27429	1.86%	0.344%
20	23.982	3552	3556	3566	rVB5	10199	23112	1.57%	0.290%
21	24.952	3713	3721	3722	rBV5	8937	16187	1.10%	0.203%
22	25.022	3724	3733	3747	rVB2	136607	412541	27.94%	5.172%

Sum of corrected areas: 7976239

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ClientSampleId :
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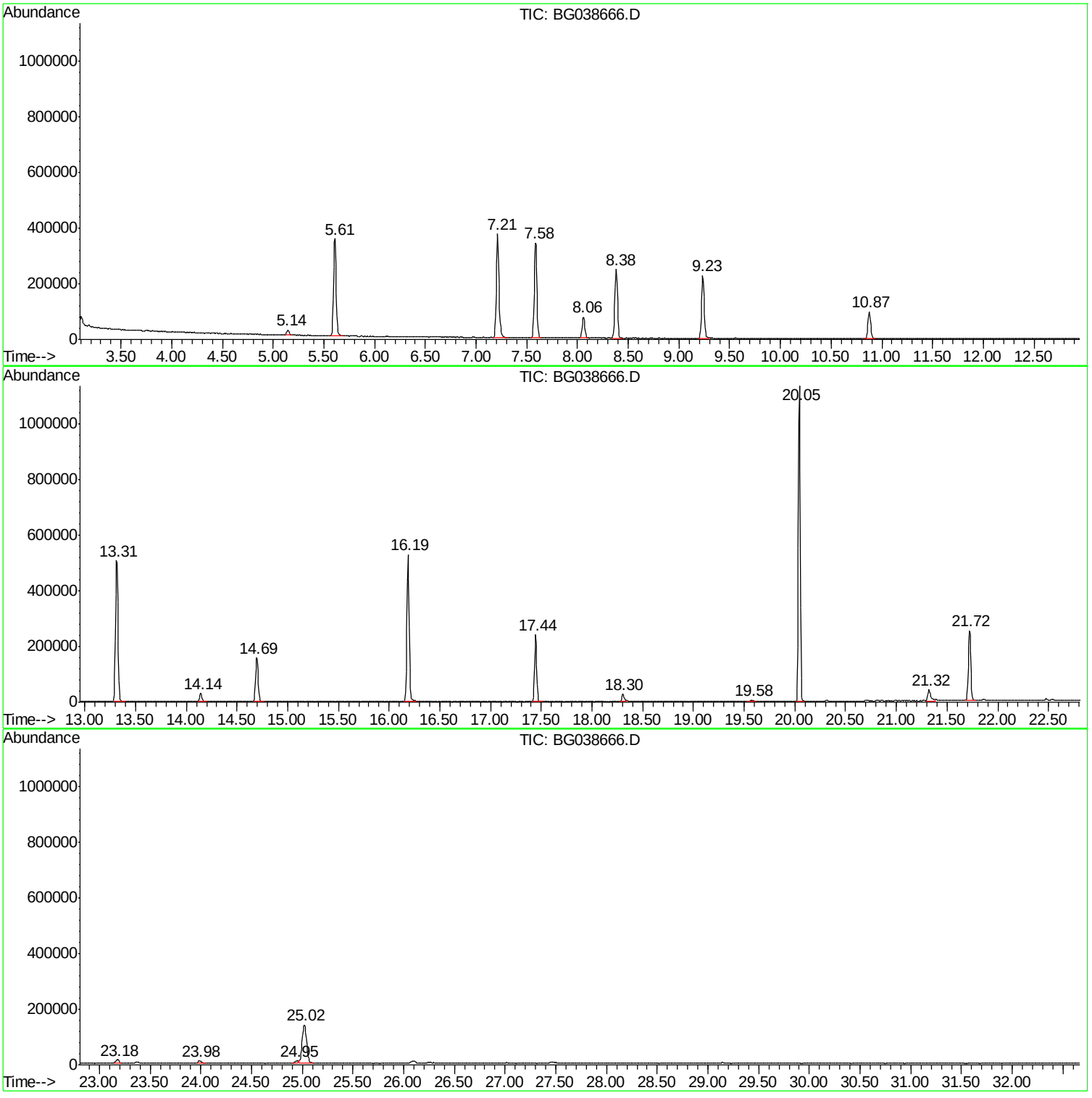
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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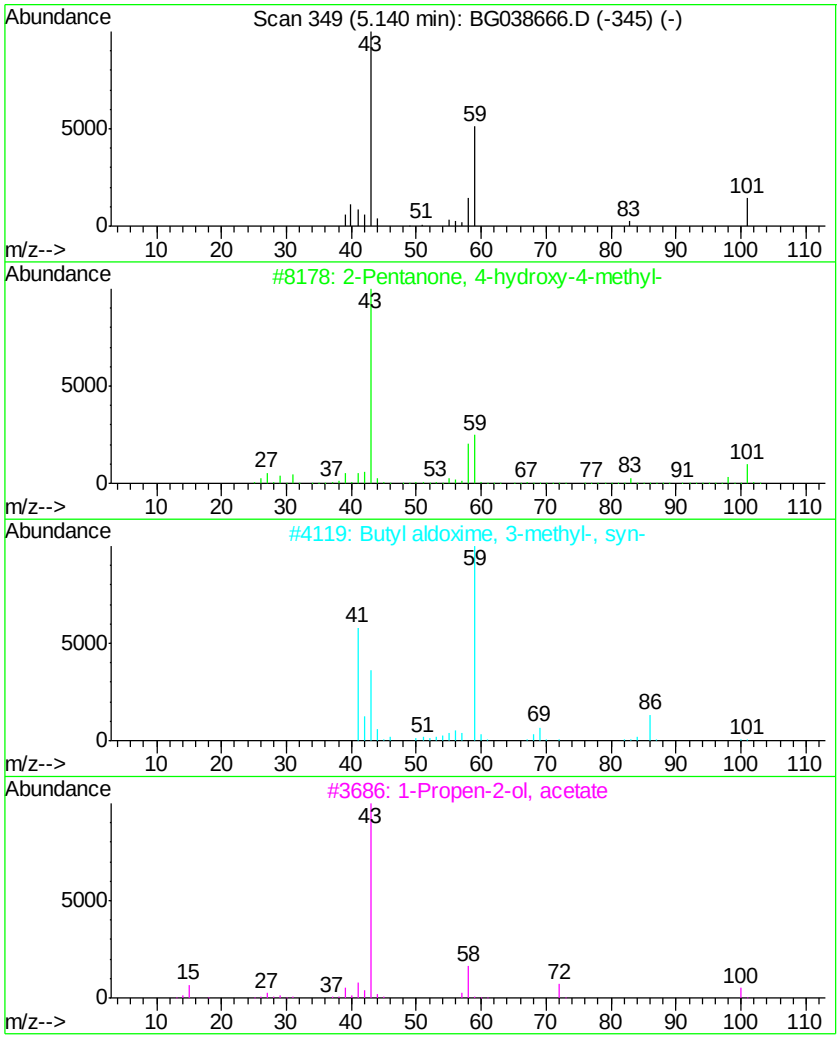
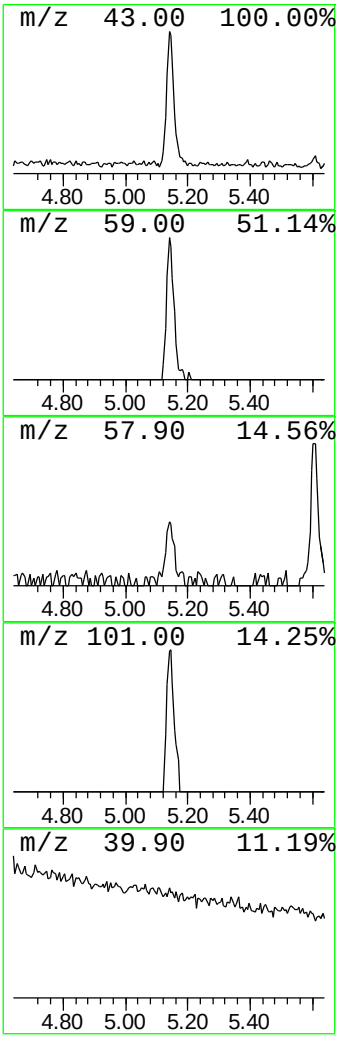
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	4.08 ng	26872	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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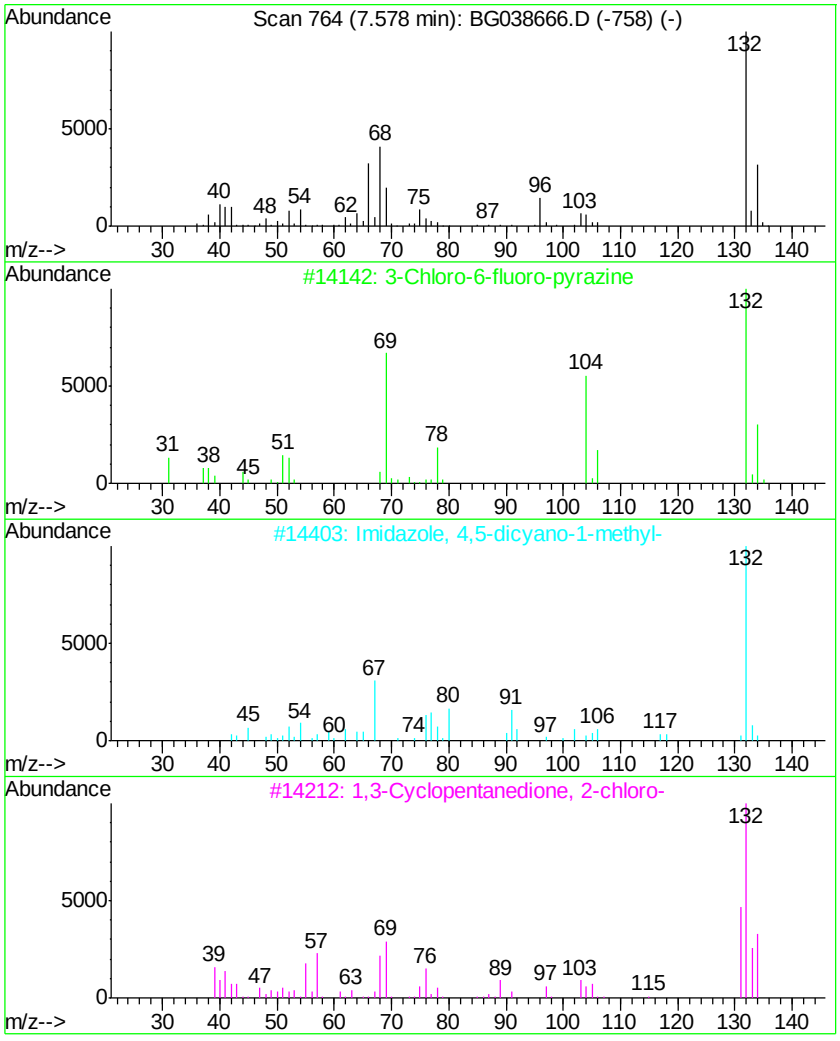
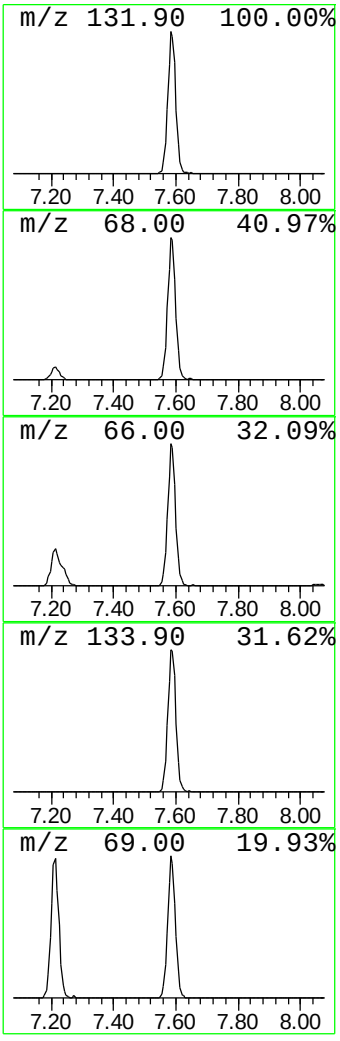
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	92.99 ng	612953	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : P001-SS001-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
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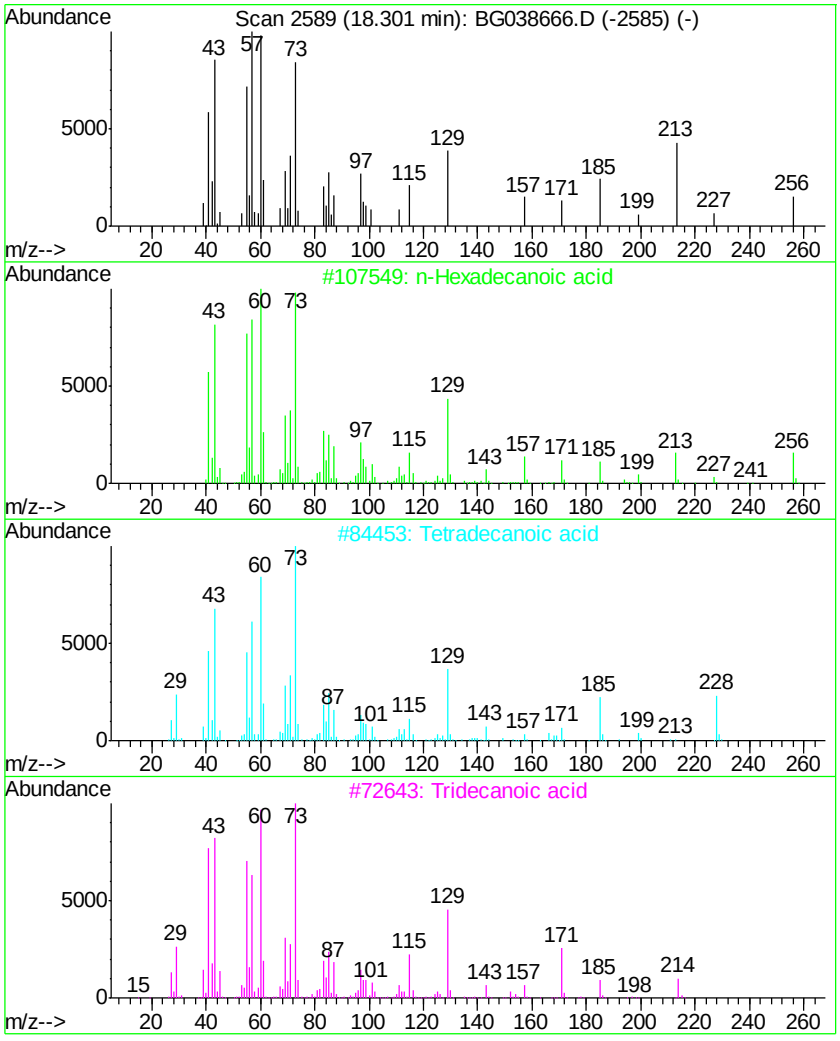
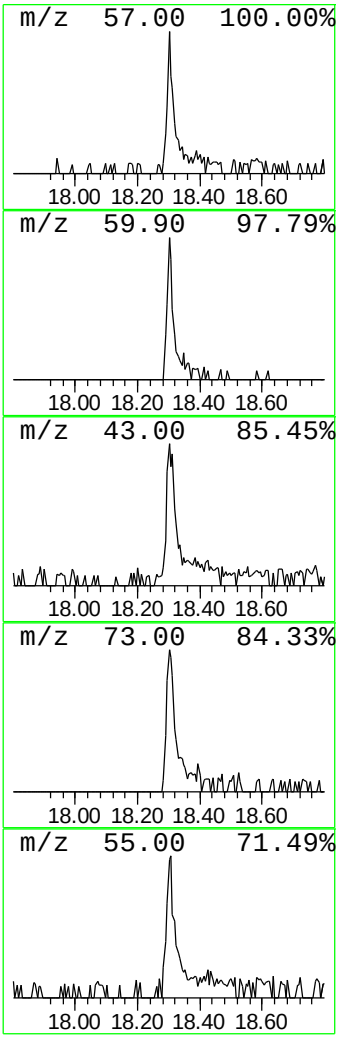
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.32 ng	42795	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Instrument : BNA_G
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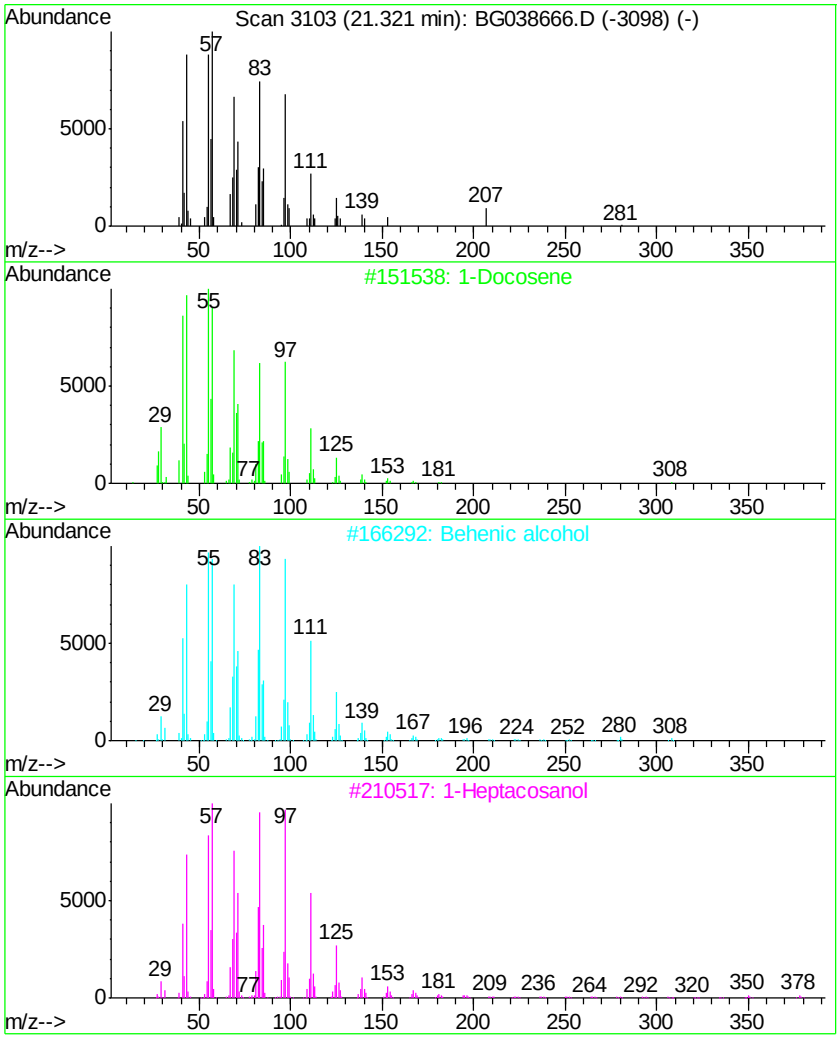
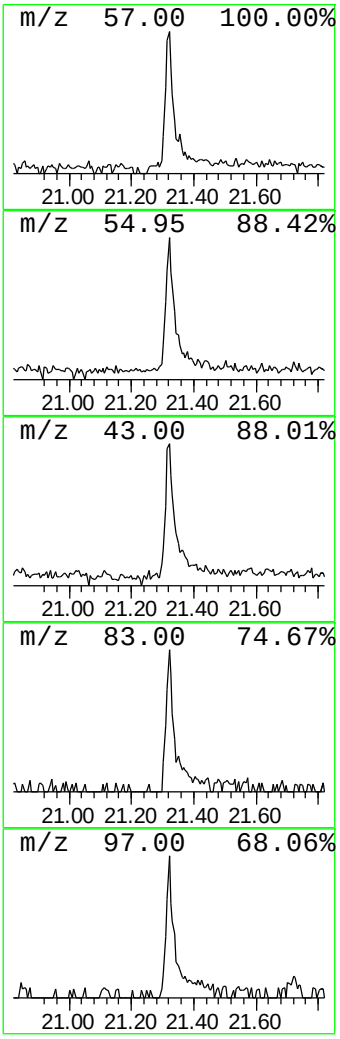
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.91 ng	84340	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	81
5	Octacosanol	410	C28H58O	000557-61-9	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	4.1	ng	26872	1	8.06	131834	20.0
unknown7.58	7.58	93.0	ng	612953	1	8.06	131834	20.0
n-Hexadecanoic acid	18.30	2.3	ng	42795	4	17.44	368223	20.0
1-Docosene	21.32	3.9	ng	84340	5	21.72	431589	20.0