LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047359.D
Acq On : 19 Nov 2020 19:22
Operator : CG/JU
Sample : L4710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.566	37	39	42	rBV3	3953	3420	0.28%	0.038%
2	4.289	159	162	168	rVB6	6615	11791	0.96%	0.129%
3	4.524	200	202	205	rBV2	2098	2703	0.22%	0.030%
4	4.606	214	216	222	rVB	5155	7013	0.57%	0.077%
5	5.429	353	356	359	rVB3	3534	4157	0.34%	0.046%
6	7.397	685	691	701	rVB	114591	206944	16.77%	2.272%
7	7.585	715	723	734	rBV	72453	136456	11.06%	1.498%
8	7.797	751	759	766	rVB2	109512	191965	15.55%	2.108%
9	7.861	766	770	771	rBV2	3917	5491	0.44%	0.060%
10	8.273	833	840	847	rBV	164088	281488	22.81%	3.091%
11	8.543	885	886	889	rBV	2173	2822	0.23%	0.031%
12	8.954	950	956	965	rBV2	122885	219217	17.76%	2.407%
13	9.436	1030	1038	1048	rVB	108758	198469	16.08%	2.179%
14	9.865	1106	1111	1112	rBV2	4492	6390	0.52%	0.070%
15	9.971	1125	1129	1132	rBV3	4412	5951	0.48%	0.065%
16	10.165	1155	1162	1170	rVB2	91164	166632	13.50%	1.830%
17	10.447	1203	1210	1211	rBV	2220	3346	0.27%	0.037%
18	10.705	1247	1254	1264	rBV	147505	278327	22.55%	3.056%
19	11.099	1313	1321	1329	rBV	208518	380573	30.83%	4.179%
20	11.216	1334	1341	1353	rVB	109918	218470	17.70%	2.399%
21	11.622	1405	1410	1412	rBV	3331	5476	0.44%	0.060%
22	11.874	1449	1453	1456	rBV	2480	3996	0.32%	0.044%
23	12.051	1481	1483	1487	rVB	3527	3558	0.29%	0.039%
24	12.103	1487	1492	1494	rBV2	2553	4194	0.34%	0.046%
25	12.662	1584	1587	1592	rVB2	3309	4732	0.38%	0.052%
26	13.249	1686	1687	1690	rVB2	3229	2925	0.24%	0.032%
27	13.613	1747	1749	1752	rBV	2658	3930	0.32%	0.043%
28	13.707	1763	1765	1772	rBV4	4978	6745	0.55%	0.074%
29	13.766	1772	1775	1777	rBV3	5835	6935	0.56%	0.076%
30	13.942	1802	1805	1808	rBV	2571	3463	0.28%	0.038%
31	14.277	1856	1862	1866	rBV	284705	412416	33.41%	4.528%
32	14.324	1866	1870	1877	rVB	132244	190441	15.43%	2.091%
33	14.507	1898	1901	1904	rBV3	4941	5856	0.47%	0.064%
34	14.583	1907	1914	1921	rVB	272025	451792	36.60%	4.961%

LSC Area Percent Report

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Sample : L4710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

35	14.724	1934	1938	1942	rBV3	2041	3492	0.28%	0.038%
36	14.765	1942	1945	1948	rBV2	3603	4685	0.38%	0.051%
37	14.883	1958	1965	1972	rVB2	355878	553902	44.87%	6.082%
38	15.029	1984	1990	2000	rBV	143136	228199	18.49%	2.506%
39	15.194	2014	2018	2021	rBV4	4291	6495	0.53%	0.071%
40	15.664	2094	2098	2102	rVB4	6174	8992	0.73%	0.099%
41	15.870	2126	2133	2139	rBV	365901	572019	46.34%	6.281%
42	15.958	2144	2148	2158	rVV	88187	148275	12.01%	1.628%
43	16.210	2190	2191	2196	rVB3	3559	3809	0.31%	0.042%
44	16.851	2298	2300	2306	rVB3	10826	11671	0.95%	0.128%
45	17.497	2406	2410	2415	rBV6	10779	19314	1.56%	0.212%
46	17.615	2424	2430	2436	rBV	466331	730651	59.19%	8.022%
47	17.715	2441	2447	2458	rVB	440753	666469	53.99%	7.318%
48	18.490	2574	2579	2586	rBV5	47192	84433	6.84%	0.927%
49	19.260	2706	2710	2714	rBV2	72692	103276	8.37%	1.134%
50	19.648	2773	2776	2781	rVB2	46451	55910	4.53%	0.614%
51	19.747	2789	2793	2797	rBV6	57894	80944	6.56%	0.889%
52	19.794	2797	2801	2805	rVB3	95118	127747	10.35%	1.403%
53	19.977	2824	2832	2841	rBV	686931	1234323	100.00%	13.553%
54	21.516	3091	3094	3099	rVB2	110647	145106	11.76%	1.593%
55	21.774	3135	3138	3144	rVB2	88822	128209	10.39%	1.408%
56	21.898	3153	3159	3165	rBV2	435204	751601	60.89%	8.252%

Sum of corrected areas: 9107606

LSC Report - Integrated Chromatogram

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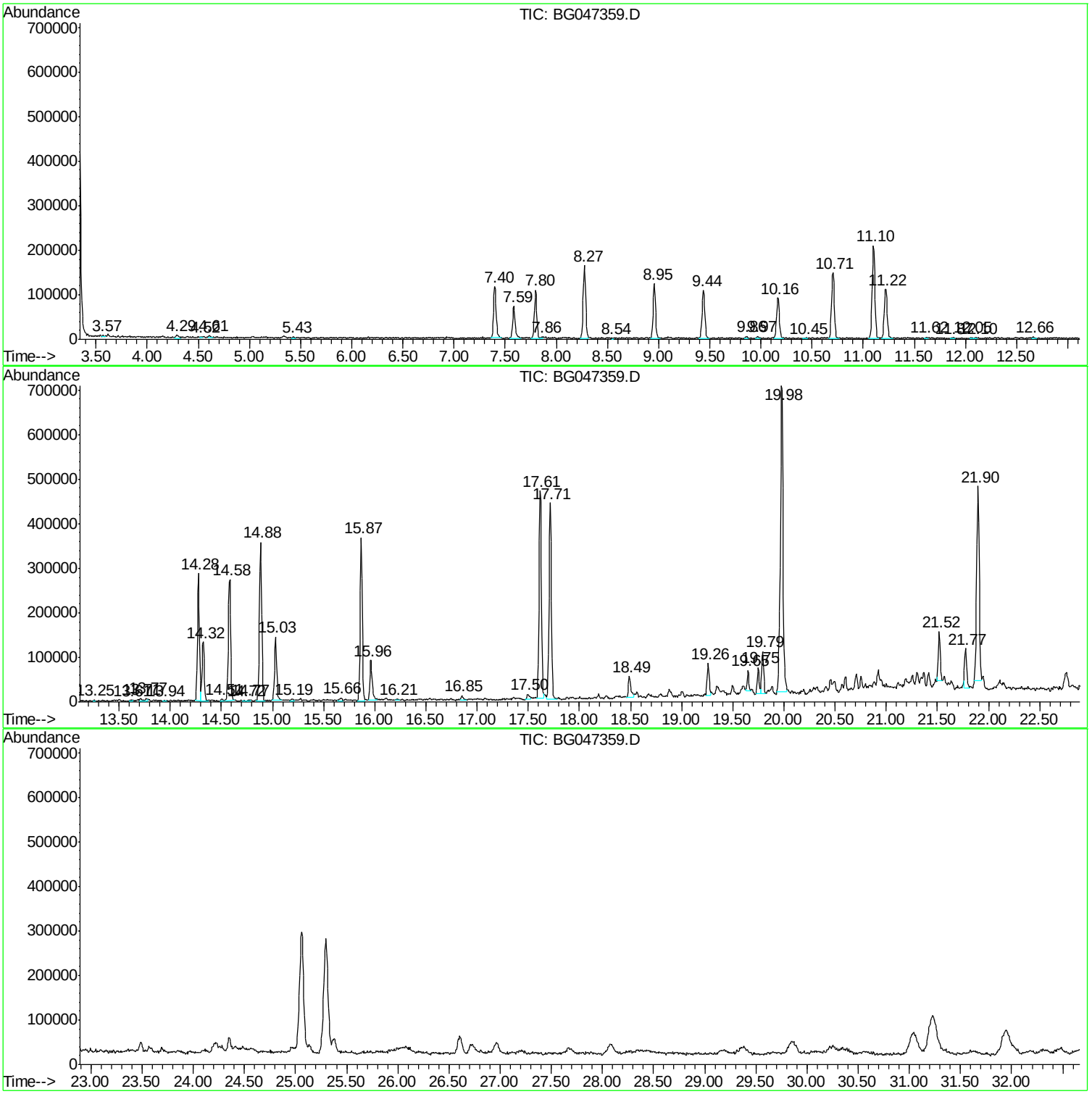
Acq On : 19 Nov 2020 19:22
Operator : CG/JU
Sample : L4710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047359.D
Acq On : 19 Nov 2020 19:22
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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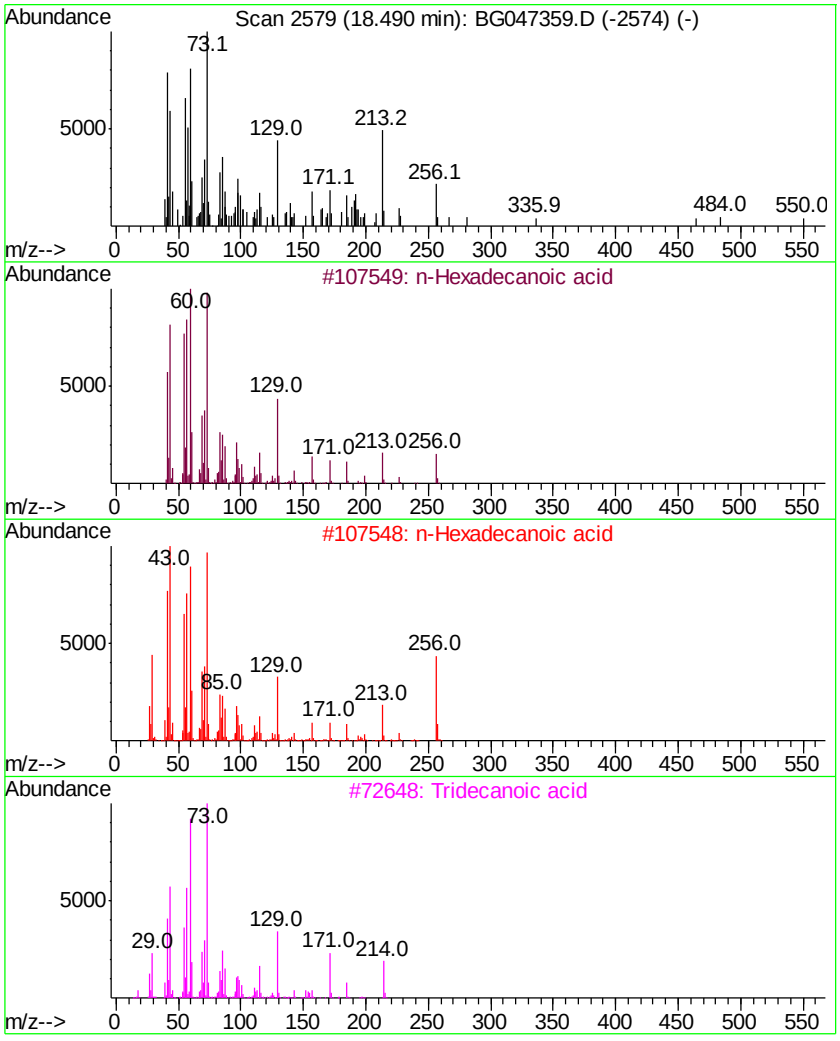
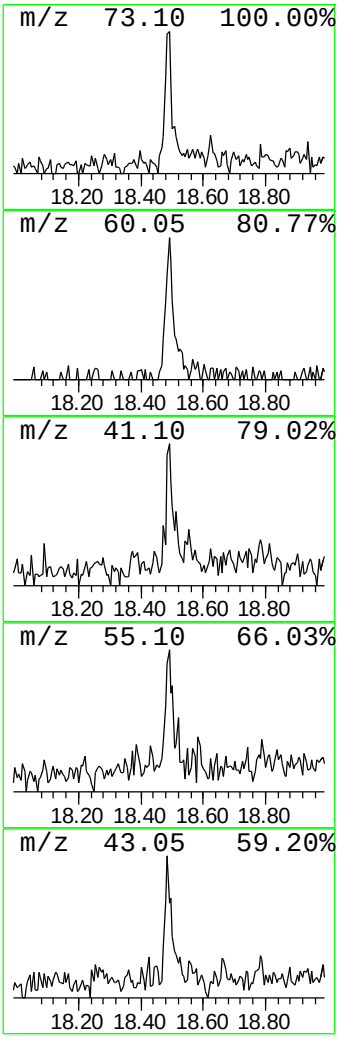
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.31 ng/ul	84433	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Library Search Compound Report

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Operator : CG/JU
Sample : L4710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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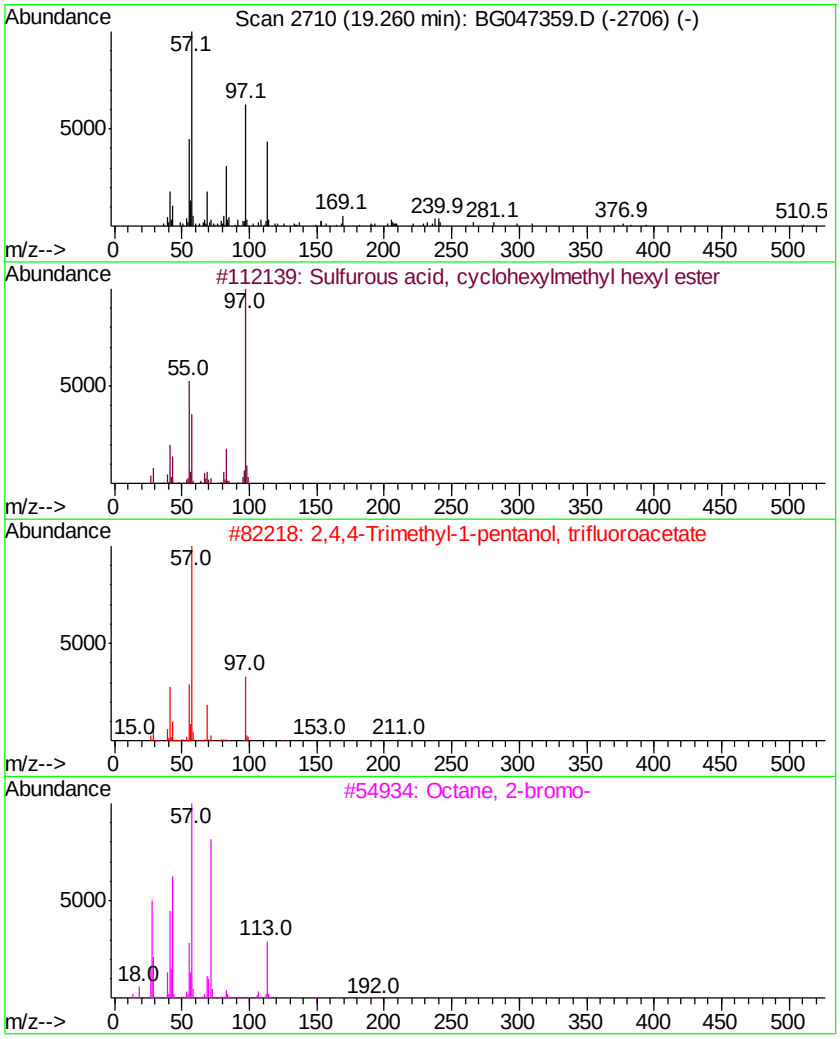
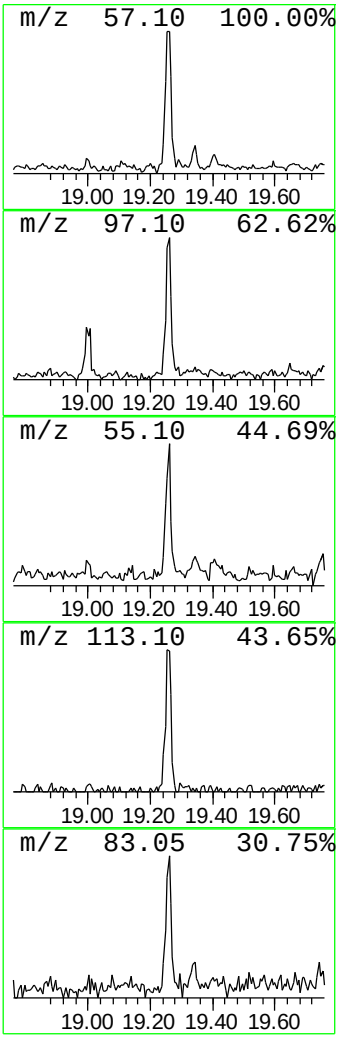
Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.83 ng/ul	103276	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	32
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	16
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	16





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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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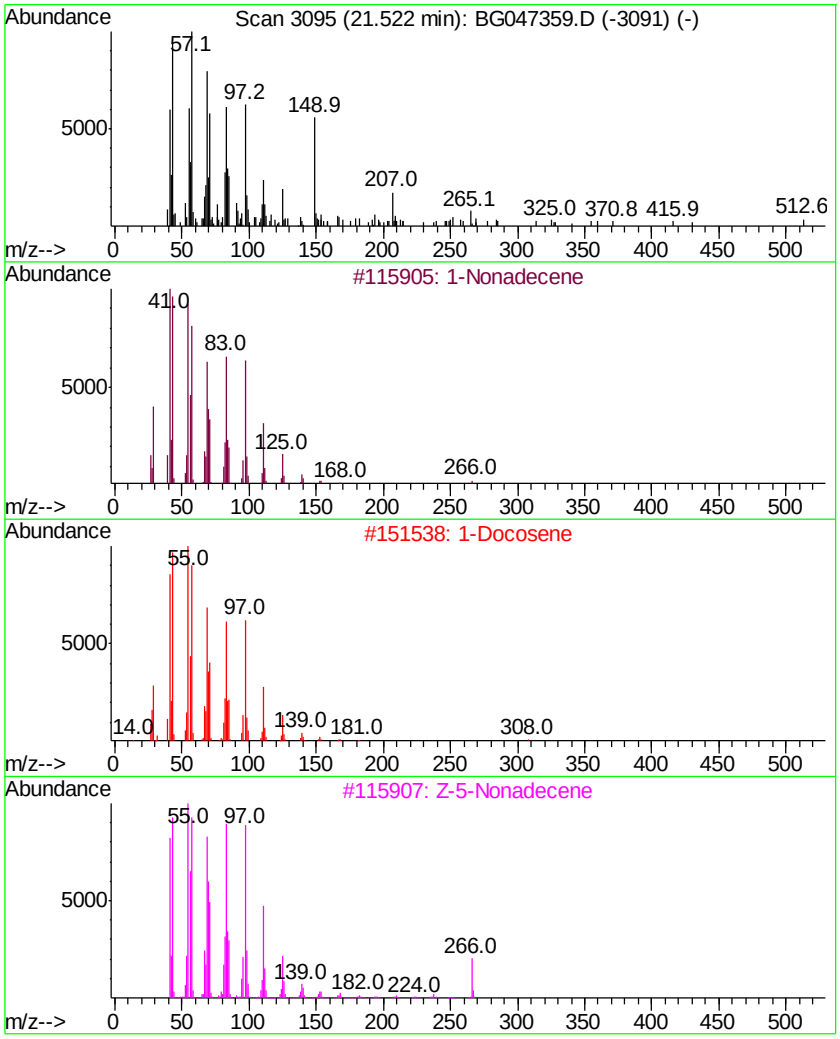
TIC Integration Parameters: LSCINT.P

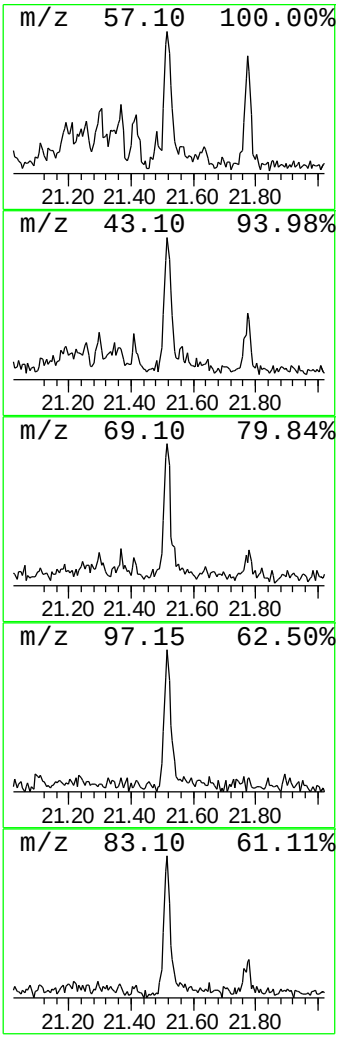
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.86 ng/ul	145106	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	86
2	1-Docosene	308	C22H44	001599-67-3	83
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	81
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	81
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111920\
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	2.3	ng/ul	84433	4	17.61	730651	20.0
unknown-01	19.26	2.8	ng/ul	103276	4	17.61	730651	20.0
(DEL) Alkane: Str...	21.52	3.9	ng/ul	145106	5	21.90	751601	20.0