LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027357.D
Acq On : 08 Sep 2020 14:15
Operator : JU/CG
Sample : L3891-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW2A0

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_M\METHODS\SOM-EPA-BM090420MA.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	3.134	21	25	33	rBV2	29571	39125	0.84%	0.111%
2	3.757	129	131	135	rVB	8443	9281	0.20%	0.026%
3	6.751	635	640	654	rVB	101991	171110	3.69%	0.486%
4	6.910	661	667	683	rBV	338817	535666	11.56%	1.522%
5	7.104	694	700	710	rBV	378269	618869	13.36%	1.759%
6	7.210	714	718	722	rBV3	9850	15713	0.34%	0.045%
7	7.569	772	779	787	rBV	384698	591945	12.78%	1.682%
8	8.275	893	899	912	rBV	299924	480919	10.38%	1.367%
9	8.381	915	917	924	rVB5	2897	5051	0.11%	0.014%
10	8.710	965	973	987	rBV	475181	772537	16.68%	2.195%
11	9.428	1088	1095	1105	rBV	421663	670907	14.48%	1.906%
12	9.963	1179	1186	1207	rBV	571560	989834	21.37%	2.813%
13	10.339	1242	1250	1258	rBV	499711	822340	17.75%	2.337%
14	10.480	1268	1274	1286	rBV2	44230	88077	1.90%	0.250%
15	10.992	1357	1361	1369	rVB2	3812	7486	0.16%	0.021%
16	11.939	1518	1522	1530	rVB2	6583	12818	0.28%	0.036%
17	12.569	1625	1629	1637	rBV6	3492	4916	0.11%	0.014%
18	13.127	1721	1724	1729	rVB3	4893	5973	0.13%	0.017%
19	13.627	1803	1809	1814	rBV	1409128	1876722	40.52%	5.333%
20	13.674	1814	1817	1825	rVB	229370	290823	6.28%	0.826%
21	13.898	1848	1855	1867	rBV	1369503	2002465	43.23%	5.690%
22	14.210	1901	1908	1916	rBV	885734	1280328	27.64%	3.638%
23	14.421	1939	1944	1952	rBV2	76465	141831	3.06%	0.403%
24	14.968	2035	2037	2042	rBV4	3653	5422	0.12%	0.015%
25	15.045	2046	2050	2056	rBV5	9772	16198	0.35%	0.046%
26	15.210	2071	2078	2089	rBV	1981971	2703863	58.38%	7.683%
27	15.333	2093	2099	2114	rBV	733246	998615	21.56%	2.838%
28	15.451	2114	2119	2124	rVB	22263	34578	0.75%	0.098%
29	15.574	2137	2140	2145	rBV4	4109	5638	0.12%	0.016%
30	15.992	2208	2211	2215	rVB3	6044	8303	0.18%	0.024%
31	16.745	2335	2339	2343	rBV3	5434	9065	0.20%	0.026%
32	16.956	2367	2375	2385	rBV	1229905	1679815	36.27%	4.773%
33	17.056	2385	2392	2403	rVV	2627728	3550327	76.65%	10.088%
34	17.162	2407	2410	2415	rVB5	5419	9525	0.21%	0.027%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

35	17.262	2424	2427	2433	rBV	6388	8157	0.18%	0.023%
36	17.656	2490	2494	2499	rVB5	3368	6490	0.14%	0.018%
37	17.880	2527	2532	2539	rBV	166601	247069	5.33%	0.702%
38	17.939	2539	2542	2548	rVB	40246	58905	1.27%	0.167%
39	18.186	2579	2584	2588	rBV5	3446	6365	0.14%	0.018%
40	18.545	2640	2645	2649	rBV3	10470	17399	0.38%	0.049%
41	18.992	2716	2721	2726	rBV	27022	40971	0.88%	0.116%
42	19.168	2747	2751	2760	rBV	68695	108827	2.35%	0.309%
43	19.239	2760	2763	2772	rVB	28063	45119	0.97%	0.128%
44	19.356	2777	2783	2795	rVV	3496101	4577567	98.83%	13.007%
45	19.903	2874	2876	2881	rVB4	12946	13342	0.29%	0.038%
46	20.309	2942	2945	2950	rVB2	23002	26461	0.57%	0.075%
47	20.892	3040	3044	3055	rBV	386021	573849	12.39%	1.631%
48	21.156	3084	3089	3100	rBV	1797015	2210382	47.72%	6.281%
49	23.191	3428	3435	3443	rBV	2743548	4631796	100.00%	13.161%
50	23.327	3452	3458	3468	rVB	1230528	2163858	46.72%	6.149%

Sum of corrected areas: 35192642

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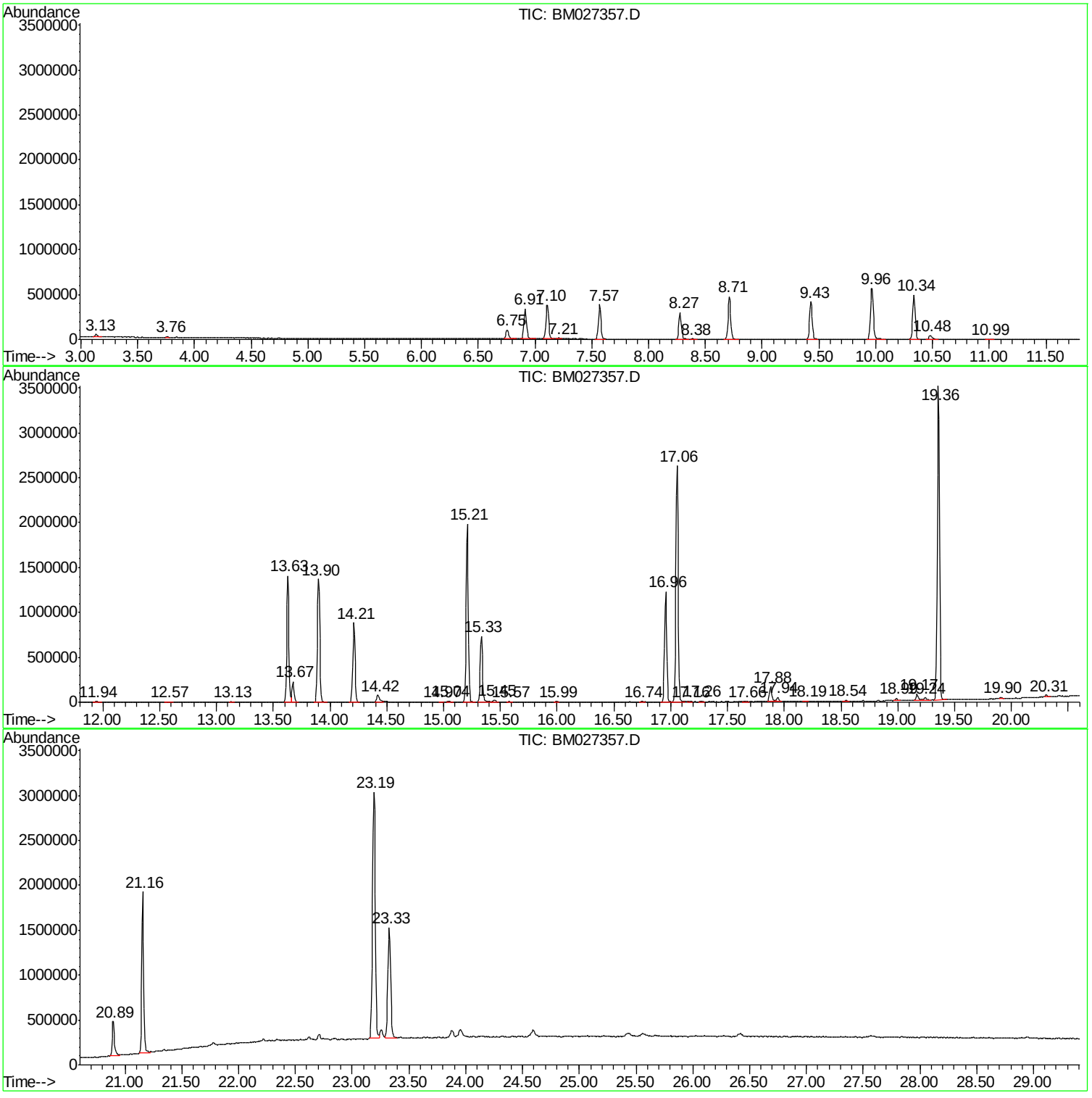
Instrument : BNA_M
ClientSampleId : EW2A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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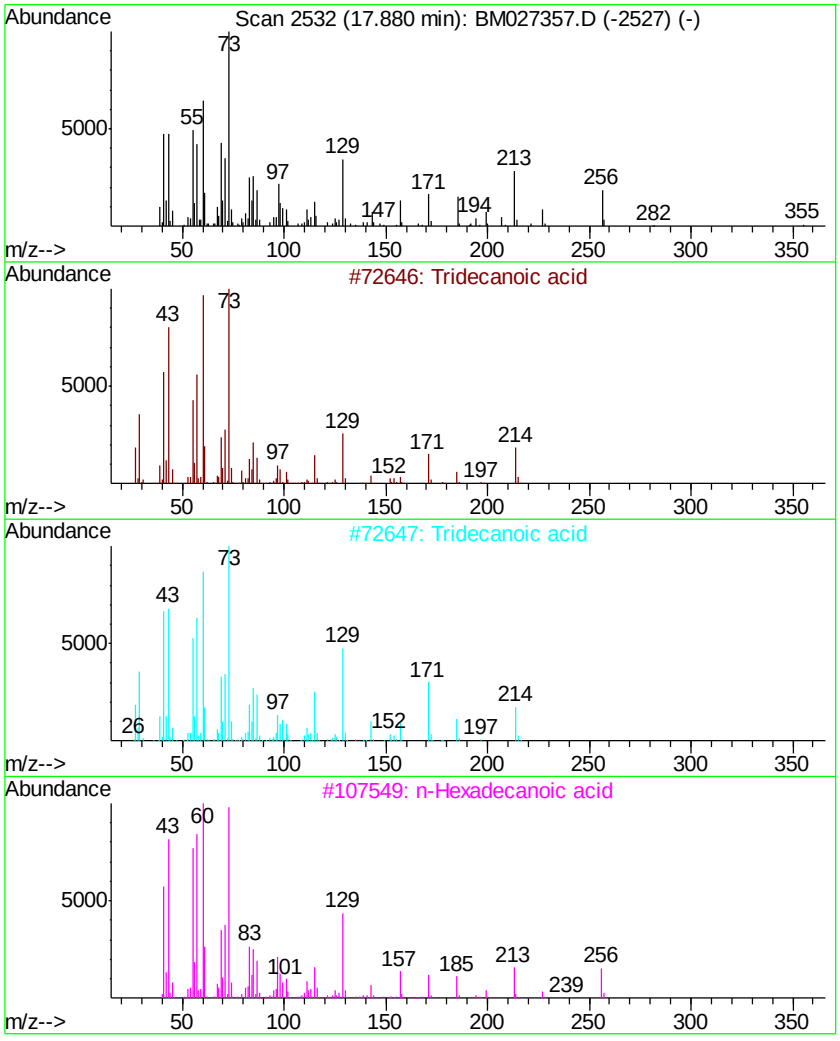
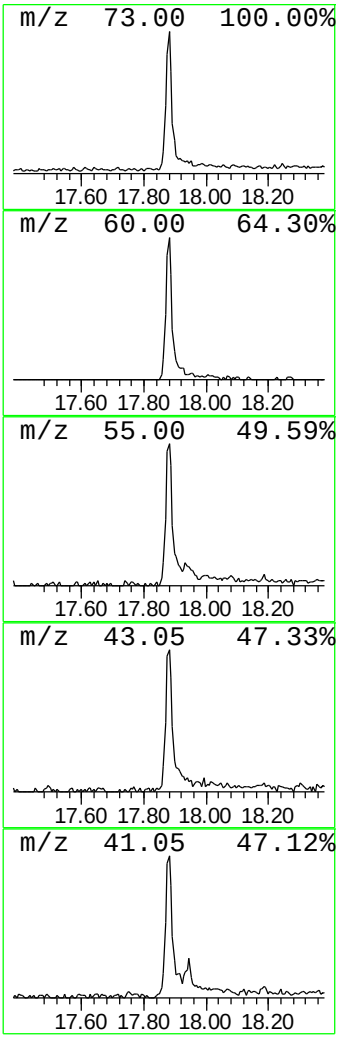
Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.94 ng/ul	247069	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW2A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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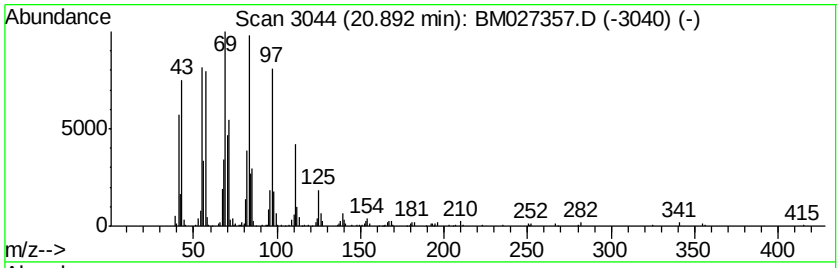
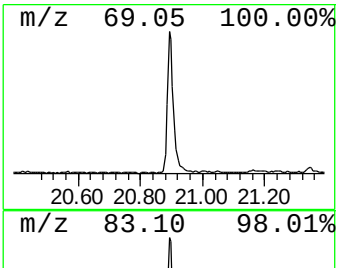
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.19 ng/ul	573849	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Cyclotetradecane	196	C14H28	000295-17-0	90
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	76





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : EW2A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
Tridecanoic acid	17.88	2.9	ng/ul	247069	4	16.96	1679820	20.0
(DEL) Alkane: Str...	20.89	5.2	ng/ul	573849	5	21.16	2210380	20.0