LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010653.D
Acq On : 22 Jun 2017 11:09
Operator : SJ/JU
Sample : I3756-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	6.645	633	639	645	rBV	59656	84105	4.13%	0.483%
2	6.816	662	668	676	rBB	176484	256887	12.61%	1.474%
3	6.998	694	699	706	rBB	207728	317582	15.59%	1.823%
4	7.463	772	778	786	rBB	231206	336878	16.54%	1.933%
5	8.169	892	898	905	rBB	183224	275647	13.53%	1.582%
6	8.604	967	972	980	rBV	253882	401946	19.73%	2.307%
7	9.322	1087	1094	1100	rBB	248554	389835	19.14%	2.237%
8	9.851	1177	1184	1191	rBV	360475	554771	27.24%	3.184%
9	10.228	1241	1248	1255	rBV	311361	505369	24.81%	2.900%
10	11.522	1462	1468	1474	rBB	21329	30198	1.48%	0.173%
11	13.533	1804	1810	1816	rBV	783392	1057821	51.94%	6.071%
12	13.804	1849	1856	1862	rBV	789899	1116343	54.81%	6.407%
13	14.116	1902	1909	1916	rBB2	525871	784491	38.52%	4.502%
14	14.321	1938	1944	1950	rVB	84553	118192	5.80%	0.678%
15	15.116	2073	2079	2085	rBV	1072449	1448279	71.11%	8.312%
16	15.239	2094	2100	2108	rBB	409683	523728	25.71%	3.006%
17	15.821	2195	2199	2205	rBV2	22855	29018	1.42%	0.167%
18	16.868	2371	2377	2383	rBV	787752	1048059	51.46%	6.015%
19	16.968	2388	2394	2404	rBV	1233362	1681815	82.57%	9.652%
20	17.557	2490	2494	2498	rBV2	101474	120399	5.91%	0.691%
21	19.086	2750	2754	2759	rBV4	26007	29917	1.47%	0.172%
22	19.274	2780	2786	2792	rBV	1511332	2036808	100.00%	11.690%
23	21.080	3088	3093	3099	rVB	1078483	1309243	64.28%	7.514%
24	22.121	3265	3270	3276	rBV2	214339	288768	14.18%	1.657%
25	23.091	3428	3435	3442	rVB	945632	1646397	80.83%	9.449%
26	23.221	3451	3457	3468	rVB	565446	1031147	50.63%	5.918%

Sum of corrected areas: 17423643

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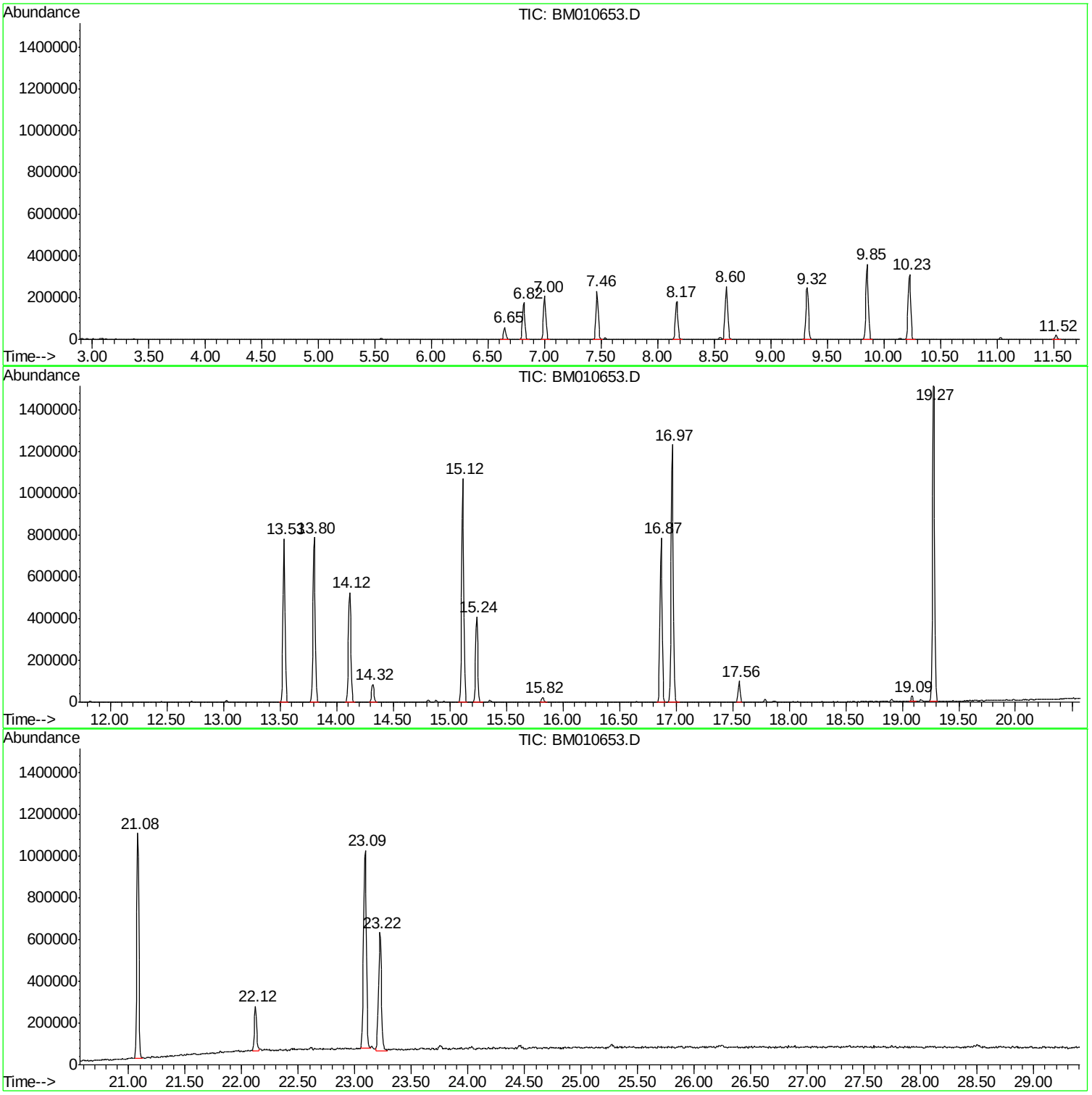
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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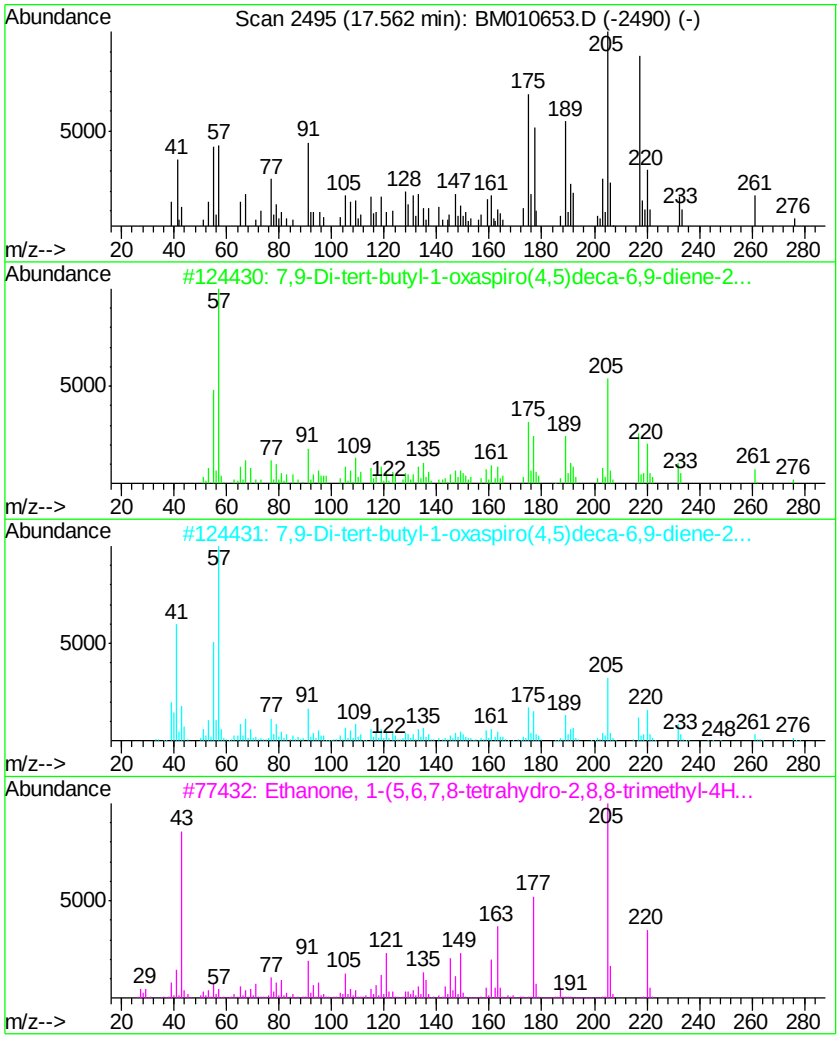
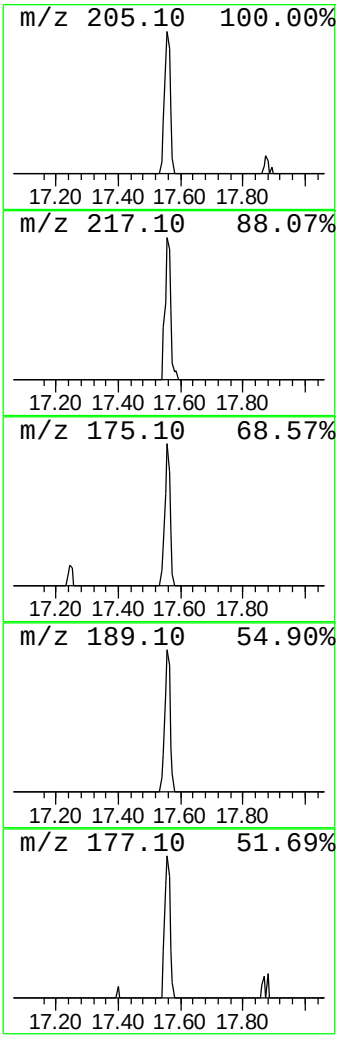
Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.30 ng/ul	120399	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	72
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	30
5	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	25





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AD1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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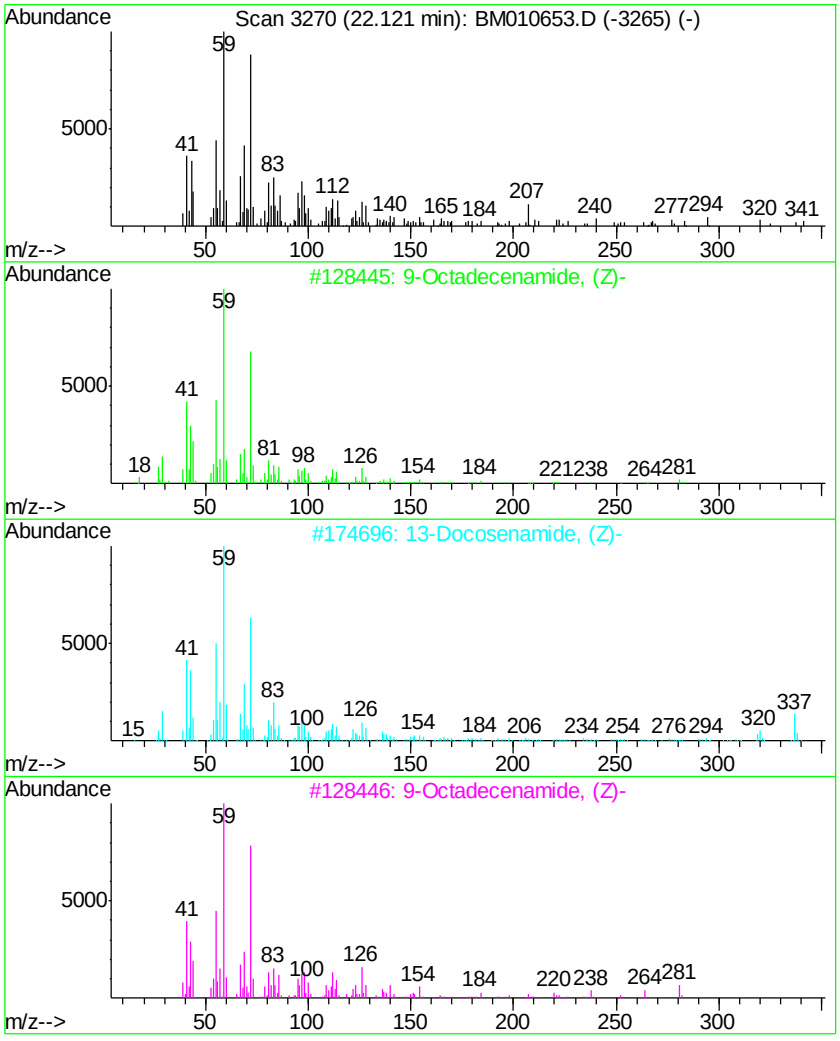
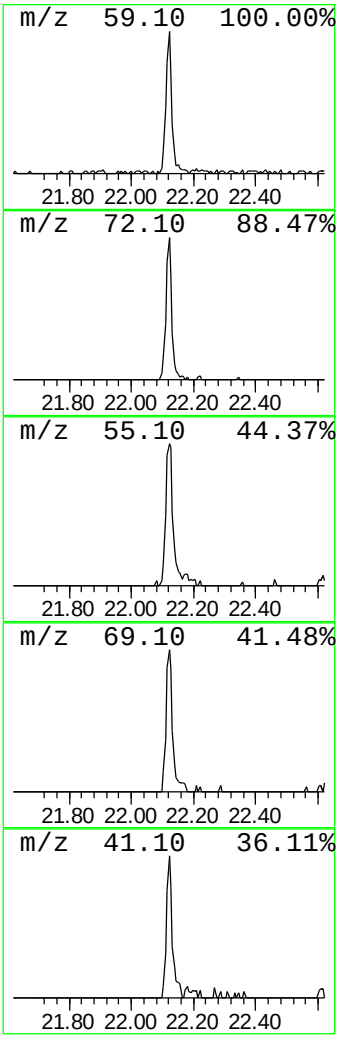
Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	4.41 ng/ul	288768	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	Octadecanamide	283	C18H37NO	000124-26-5	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.56	2.3	ng/ul	120399	4	16.87	1048060	20.0
9-Octadecenamide,...	22.12	4.4	ng/ul	288768	5	21.08	1309240	20.0