LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010502.D
Acq On : 11 Jun 2017 01:10
Operator : SJ/MA
Sample : I3558-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A60

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-BM052717.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	6.534	581	586	592	rBV4	44356	69098	1.25%	0.130%
2	7.075	672	678	690	rBV	536224	966287	17.47%	1.815%
3	7.234	697	705	713	rBV	370097	588043	10.63%	1.105%
4	7.434	731	739	748	rBV	625835	1025464	18.54%	1.927%
5	7.893	810	817	828	rVB	696900	1100366	19.89%	2.067%
6	8.175	856	865	870	rBV3	144446	240244	4.34%	0.451%
7	8.616	933	940	949	rBV	676237	1126553	20.37%	2.116%
8	9.075	1011	1018	1026	rBV	537907	906104	16.38%	1.702%
9	9.793	1133	1140	1148	rBV	516900	874100	15.80%	1.642%
10	10.322	1220	1230	1242	rBV	854639	1468092	26.54%	2.758%
11	10.692	1287	1293	1306	rVB	850048	1442996	26.09%	2.711%
12	10.863	1314	1322	1332	rBV	591177	1083555	19.59%	2.036%
13	13.222	1716	1723	1730	rBV7	33186	68868	1.25%	0.129%
14	13.810	1818	1823	1828	rVB3	96496	137129	2.48%	0.258%
15	13.945	1840	1846	1850	rBV	1590354	2183201	39.47%	4.102%
16	13.992	1850	1854	1862	rVB	545416	726194	13.13%	1.364%
17	14.228	1887	1894	1901	rBV	1597137	2290122	41.40%	4.302%
18	14.445	1923	1931	1938	rBV7	82244	173598	3.14%	0.326%
19	14.528	1939	1945	1955	rVB2	1321378	2087260	37.73%	3.921%
20	14.739	1976	1981	1982	rBV3	61965	79487	1.44%	0.149%
21	14.769	1982	1986	1999	rVB	606751	1073000	19.40%	2.016%
22	15.310	2073	2078	2086	rBV6	47097	70788	1.28%	0.133%
23	15.522	2107	2114	2122	rBV	2189644	3082242	55.72%	5.791%
24	15.645	2130	2135	2140	rBV	696741	979244	17.70%	1.840%
25	15.692	2140	2143	2148	rVV7	56037	98489	1.78%	0.185%
26	15.757	2150	2154	2159	rVB8	32685	56382	1.02%	0.106%
27	15.886	2172	2176	2181	rVB6	37678	66112	1.20%	0.124%
28	16.069	2204	2207	2212	rBV8	42906	65751	1.19%	0.124%
29	16.127	2212	2217	2221	rVV3	120157	171045	3.09%	0.321%
30	16.174	2222	2225	2229	rVV6	43930	66108	1.20%	0.124%
31	16.222	2229	2233	2237	rVB2	83084	99380	1.80%	0.187%
32	16.886	2342	2346	2351	rVB8	49870	74197	1.34%	0.139%
33	16.963	2355	2359	2363	rBV7	46396	65626	1.19%	0.123%
34	17.227	2394	2404	2407	rBV6	127489	261833	4.73%	0.492%

LSC Area Percent Report

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Data File : BM010502.D
Acq On : 11 Jun 2017 01:10
Operator : SJ/MA
Sample : I3558-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A60

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-BM052717.M
Title : SVOA CALIBRATION

35	17.280	2407	2413	2423	rVB	1904036	2816247	50.91%	5.291%
36	17.374	2423	2429	2439	rBV	2473858	3638106	65.77%	6.835%
37	17.463	2439	2444	2450	rBV5	193783	310706	5.62%	0.584%
38	17.521	2450	2454	2455	rBV4	49797	61832	1.12%	0.116%
39	17.721	2485	2488	2494	rVB7	37629	64625	1.17%	0.121%
40	18.021	2529	2539	2548	rBV7	153528	374048	6.76%	0.703%
41	18.127	2552	2557	2559	rBV	514486	751021	13.58%	1.411%
42	18.233	2571	2575	2580	rVB8	58271	87511	1.58%	0.164%
43	18.292	2581	2585	2591	rVB9	97412	142997	2.59%	0.269%
44	18.386	2597	2601	2605	rVB6	88544	116850	2.11%	0.220%
45	19.098	2720	2722	2727	rVB5	52546	62735	1.13%	0.118%
46	19.298	2750	2756	2760	rVB6	64067	134038	2.42%	0.252%
47	19.398	2769	2773	2778	rVB4	153509	191806	3.47%	0.360%
48	19.533	2793	2796	2802	rBV5	83744	122505	2.21%	0.230%
49	19.662	2813	2818	2824	rBV	3471022	4590338	82.99%	8.624%
50	19.792	2837	2840	2852	rVB9	87428	176037	3.18%	0.331%
51	20.986	3039	3043	3049	rBV	474364	530870	9.60%	0.997%
52	21.098	3059	3062	3070	rVB5	279006	367100	6.64%	0.690%
53	21.445	3116	3121	3127	rBV	3370800	4109516	74.29%	7.720%
54	23.627	3486	3492	3502	rVB2	2877746	5531378	100.00%	10.392%
55	23.780	3512	3518	3526	rVB	2199284	4181478	75.60%	7.856%

Sum of corrected areas: 53228702

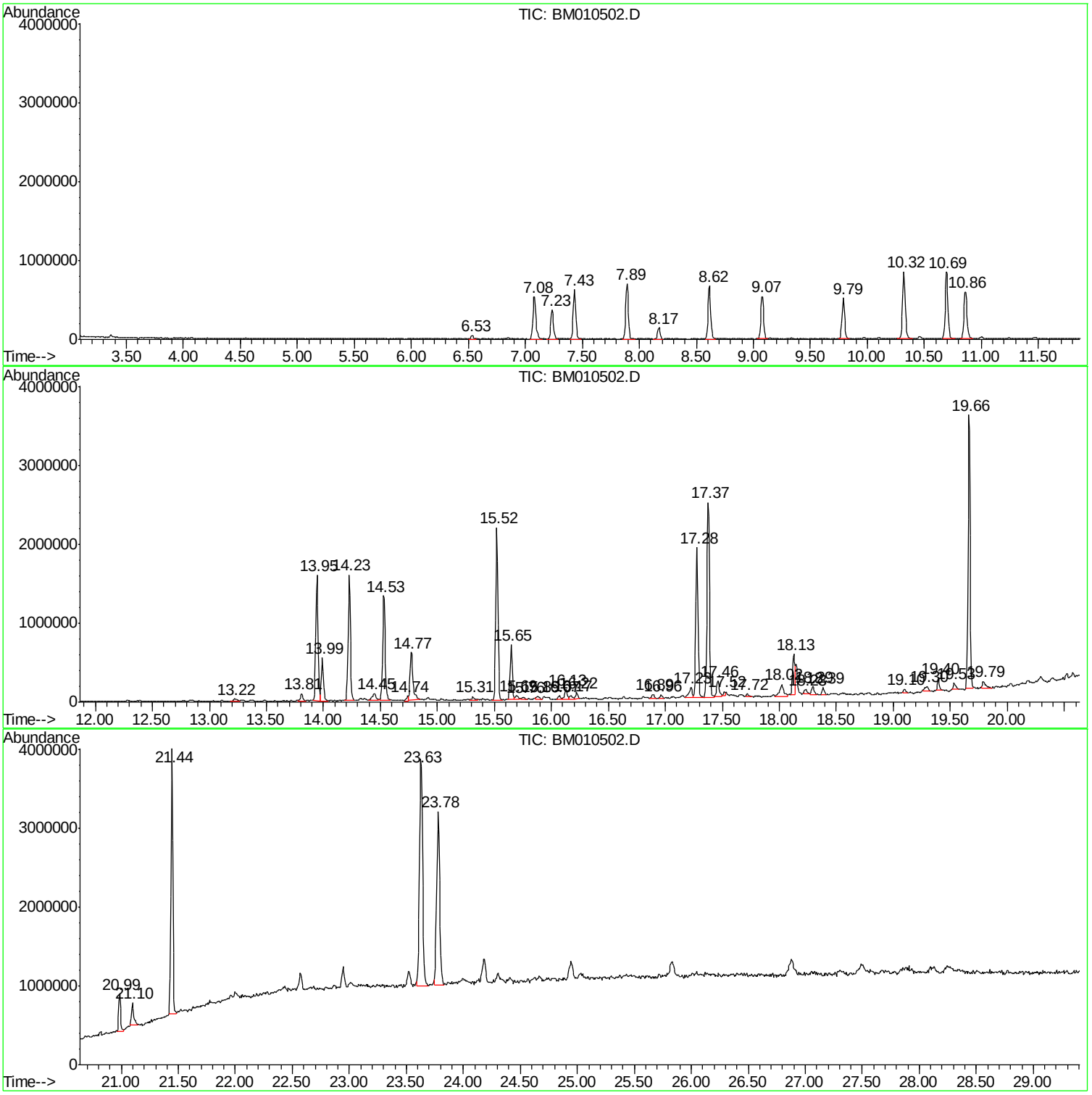
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010502.D
Acq On : 11 Jun 2017 01:10
Operator : SJ/MA
Sample : I3558-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A60

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010502.D
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Operator : SJ/MA
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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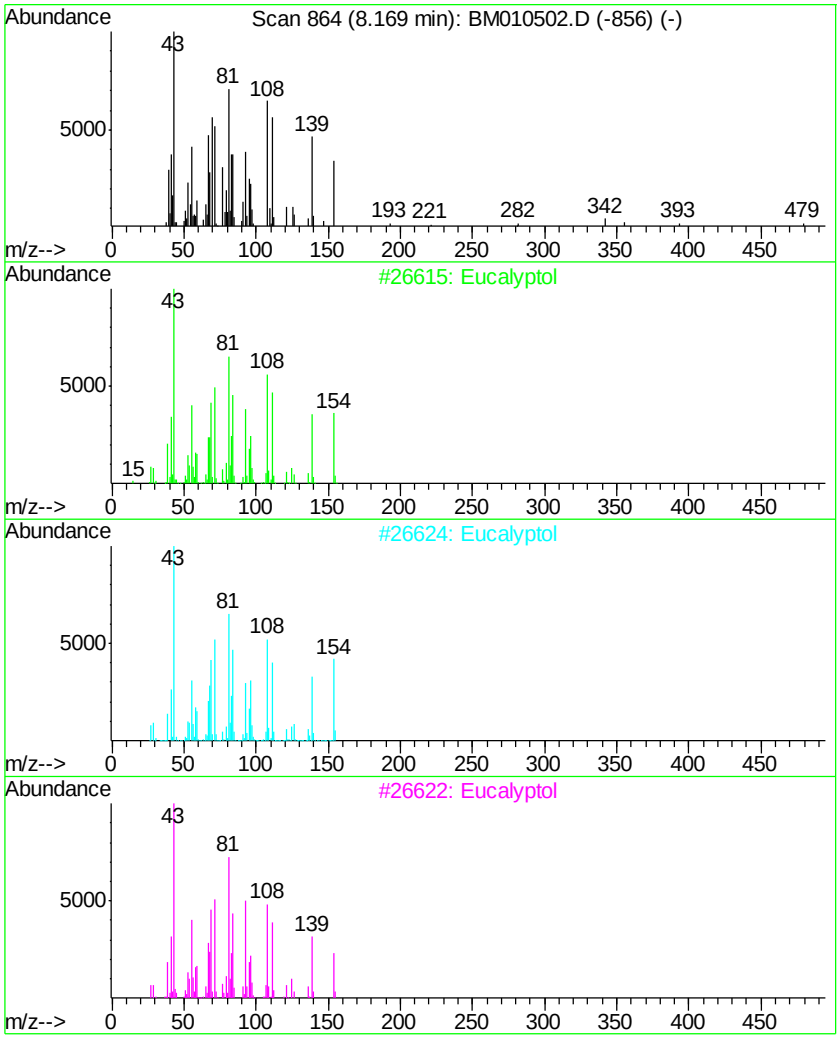
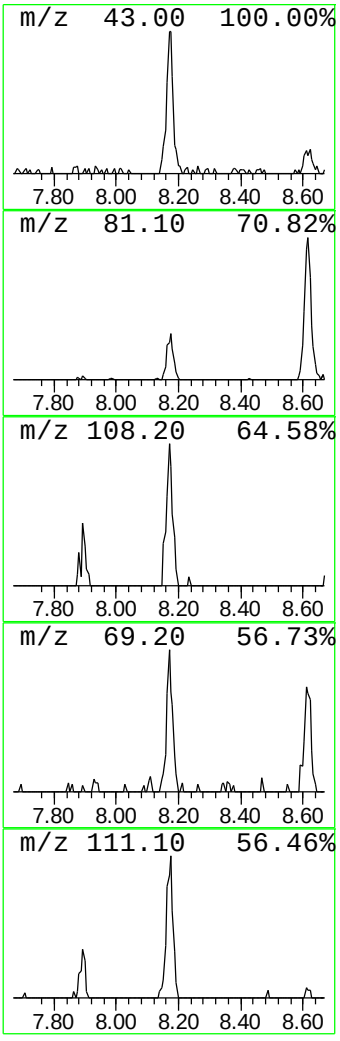
Peak Number 1 Eucalyptol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.37 ng/ul	240244	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	96
2	Eucalyptol	154	C10H18O	000470-82-6	90
3	Eucalyptol	154	C10H18O	000470-82-6	89
4	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	58
5	Eucalyptol	154	C10H18O	000470-82-6	53





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Operator : SJ/MA
Sample : I3558-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A60

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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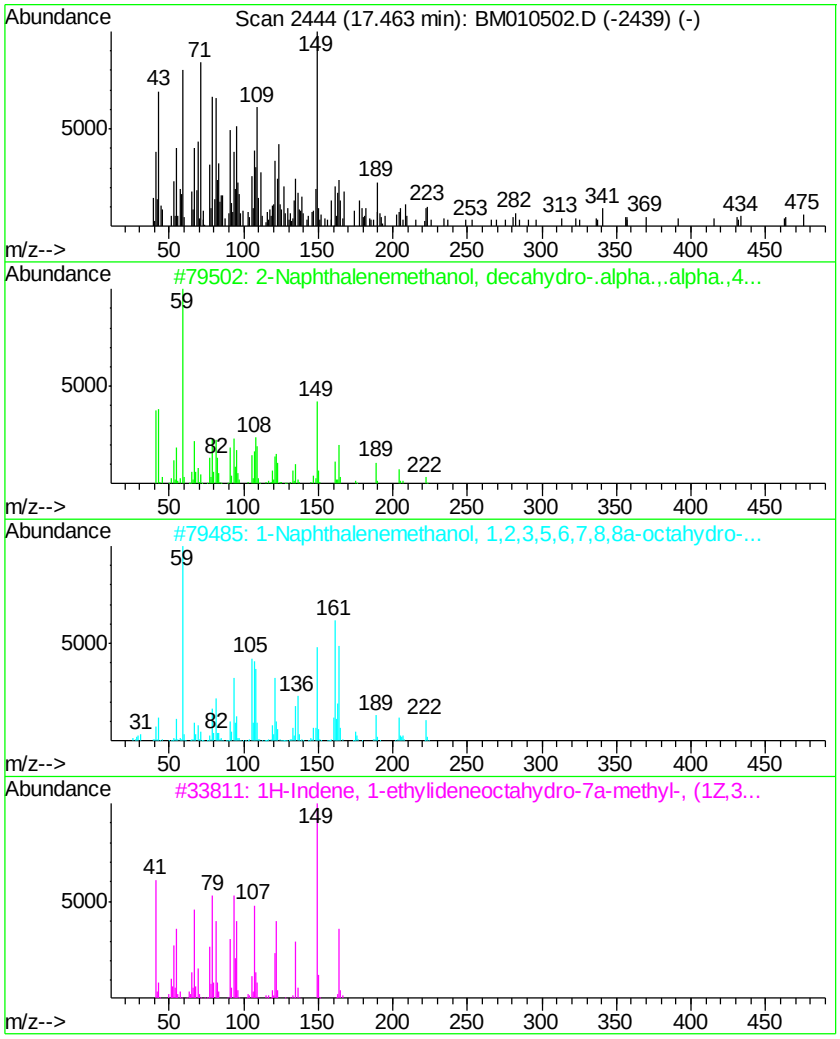
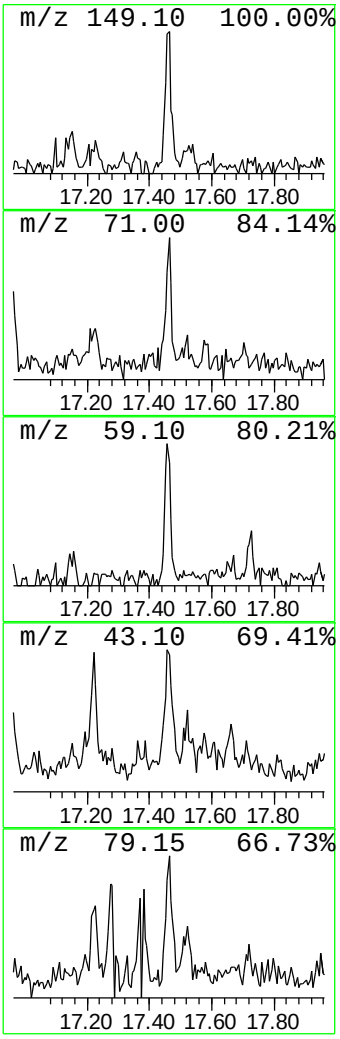
Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.21 ng/ul	310706	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	30
2	1-Naphthalenemethanol, 1,2,3,5,6...	222	C15H26O	062192-82-9	30
3	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-69-7	25
4	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056362-87-9	25
5	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	20





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A60

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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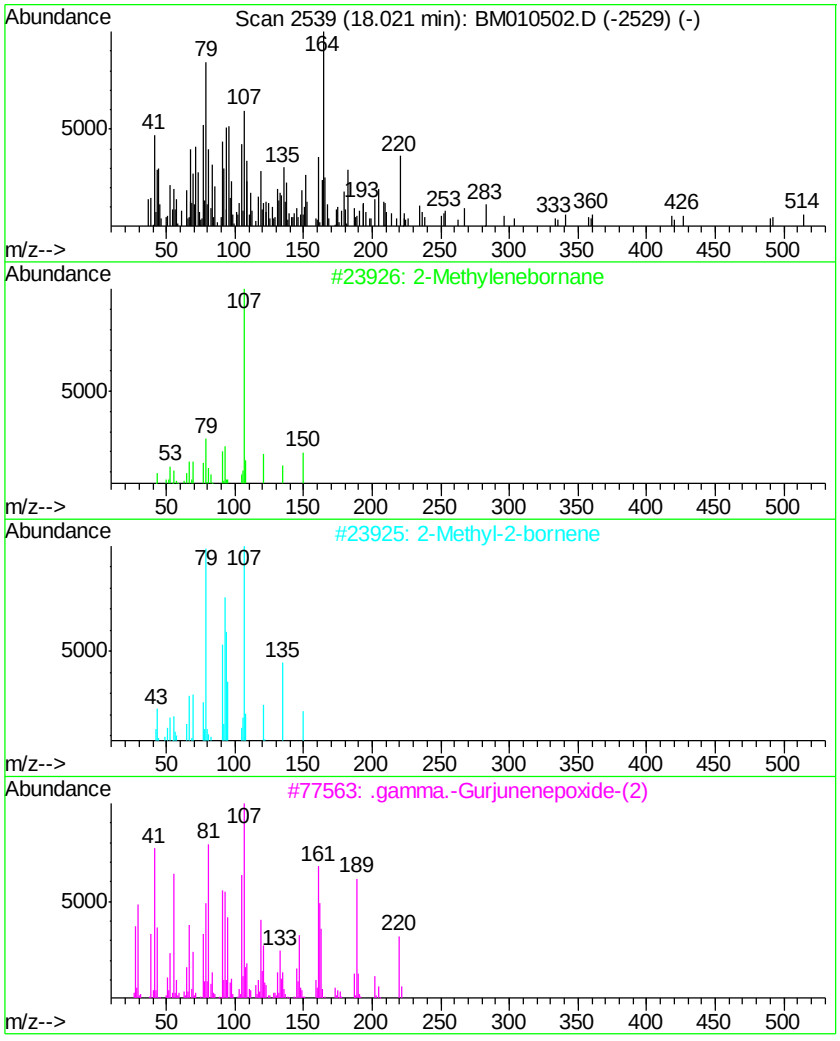
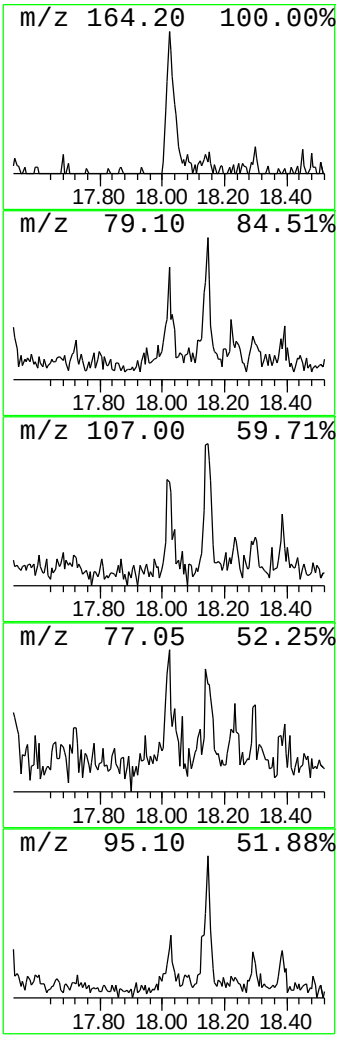
Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.66 ng/ul	374048	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylenebornane	150	C11H18	027538-47-2	38
2	2-Methyl-2-bornene	150	C11H18	072540-93-3	38
3	.gamma.-Gurjunenepoxide-(2)	220	C15H24O	184705-51-9	35
4	Cyclopentanecarboxylic acid, 3-e...	152	C9H12O2	108451-43-0	25
5	Benzenemethanol, .alpha.-(2-nitr...	223	C12H17NO3	103077-81-2	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Operator : SJ/MA
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Misc :
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Instrument : BNA_M
ClientSampleId : F5A60

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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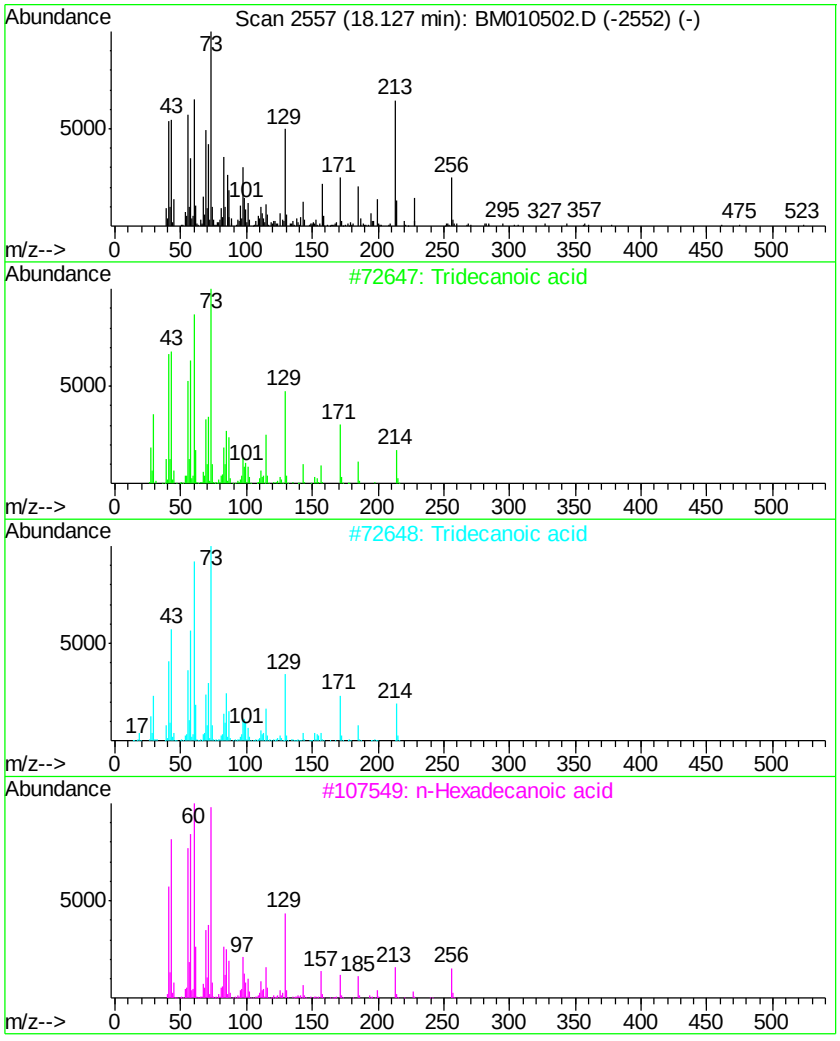
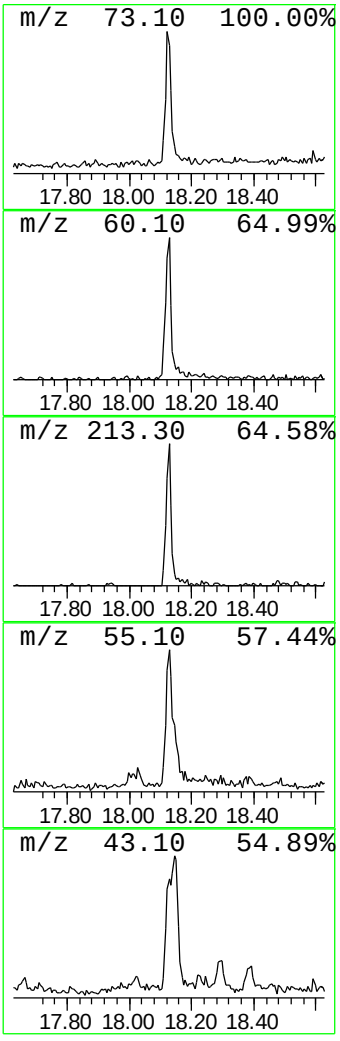
Peak Number 4 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.33 ng/ul	751021	Phenanthrene-d10	17.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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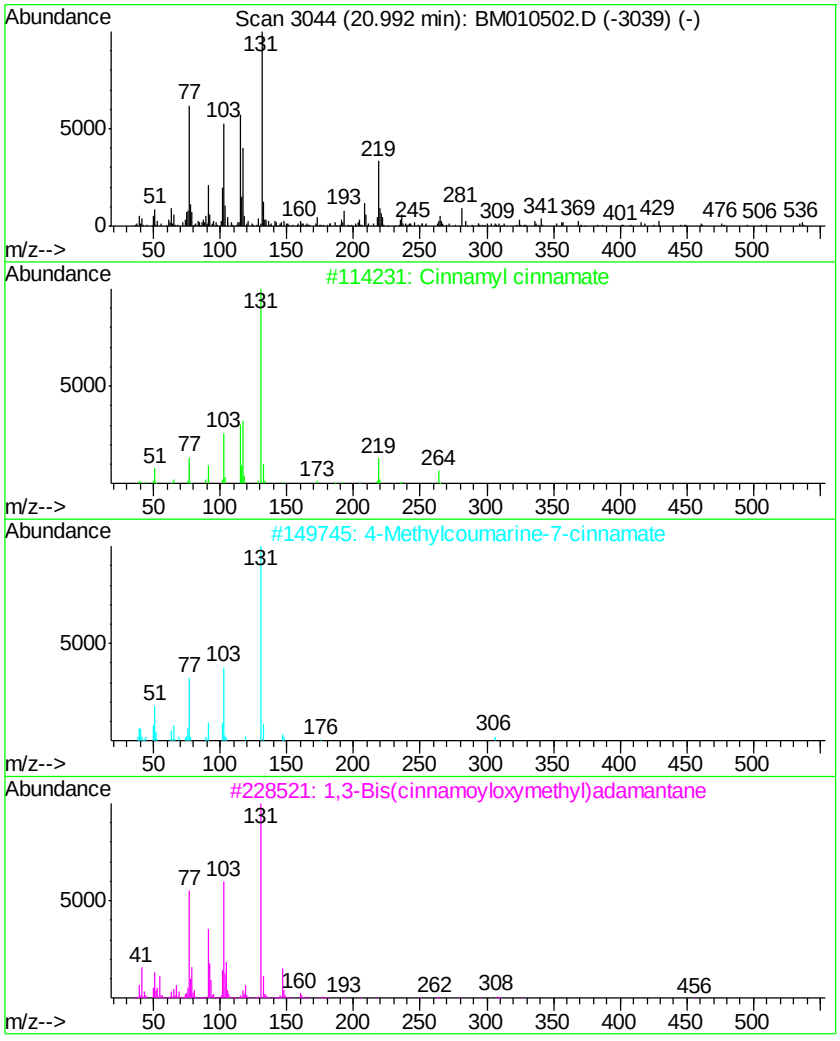
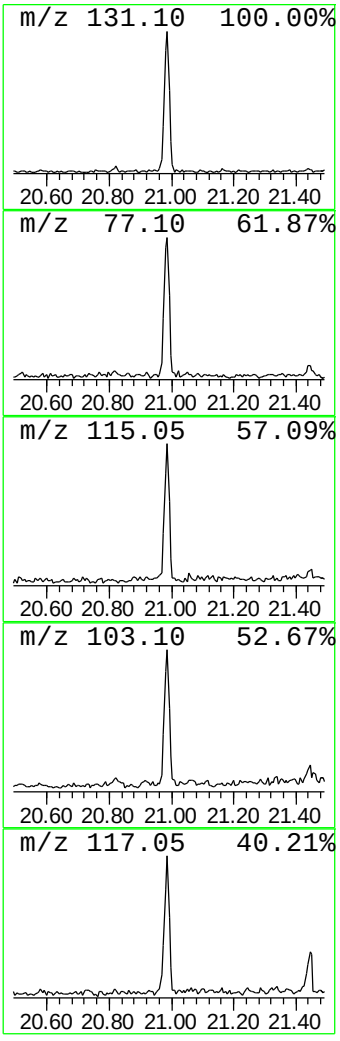
Peak Number 5 Cinnamyl cinnamate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.58 ng/ul	530870	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	72
2	4-Methylcoumarine-7-cinnamate	306	C19H14O4	300829-05-4	47
3	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43
5	2-(4-Nitro-phenyl)-5-phenyl-5,6-...	352	C17H12N4O3S	1000317-81-5	43





Tentatively Identified Compound (LSC) summary

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ClientSampleId : F5A60

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
Eucalyptol	8.17	4.4	ng/ul	240244	1	7.89	1100370	20.0
unknown-01	17.46	2.2	ng/ul	310706	4	17.27	2816250	20.0
unknown-02	18.02	2.7	ng/ul	374048	4	17.27	2816250	20.0
Tridecanoic acid	18.13	5.3	ng/ul	751021	4	17.27	2816250	20.0
Cinnamyl cinnamate	20.99	2.6	ng/ul	530870	5	21.44	4109520	20.0