LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008887.D
Acq On : 26 Jan 2017 22:13
Operator : SJ/MA
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX6

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\SOM02.2-EPA-BM012317.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	2.722	21	23	27	rVB3	16548	16275	1.21%	0.109%
2	2.834	39	42	46	rVB2	45447	53914	4.00%	0.361%
3	2.922	53	57	61	rVB	49157	63107	4.68%	0.423%
4	2.969	61	65	71	rVB	185108	223543	16.58%	1.499%
5	3.046	71	78	83	rBV	89431	130719	9.70%	0.876%
6	3.875	214	219	224	rBV	93516	128963	9.57%	0.865%
7	4.493	318	324	328	rVB5	8122	15190	1.13%	0.102%
8	5.398	469	478	484	rBV5	13553	23278	1.73%	0.156%
9	5.528	497	500	507	rVB3	15992	26287	1.95%	0.176%
10	6.269	621	626	628	rBV3	13538	22381	1.66%	0.150%
11	6.422	648	652	659	rVB2	31390	54047	4.01%	0.362%
12	6.522	659	669	672	rBV3	38261	75932	5.63%	0.509%
13	6.610	678	684	688	rBV5	9366	15380	1.14%	0.103%
14	6.657	688	692	697	rVB4	10855	15370	1.14%	0.103%
15	6.716	697	702	706	rBV4	23712	34668	2.57%	0.232%
16	6.898	728	733	741	rBV4	11958	22548	1.67%	0.151%
17	7.075	757	763	775	rBV2	233538	417600	30.98%	2.800%
18	7.257	787	794	801	rBV	166809	254068	18.85%	1.703%
19	7.457	822	828	835	rVB	232500	375990	27.89%	2.521%
20	7.928	900	908	914	rBV	404585	635687	47.16%	4.262%
21	8.622	1020	1026	1034	rVB2	208150	345407	25.62%	2.316%
22	9.092	1097	1106	1113	rBV	239717	403427	29.93%	2.705%
23	9.457	1163	1168	1175	rBV3	11909	22052	1.64%	0.148%
24	9.810	1222	1228	1236	rBV3	142975	244836	18.16%	1.642%
25	10.339	1311	1318	1326	rVB2	250566	420575	31.20%	2.820%
26	10.727	1378	1384	1391	rBV2	437331	756786	56.14%	5.074%
27	10.869	1403	1408	1412	rBV3	10573	15696	1.16%	0.105%
28	13.968	1929	1935	1939	rBV	297511	404192	29.98%	2.710%
29	14.015	1939	1943	1948	rVB2	123236	178116	13.21%	1.194%
30	14.257	1978	1984	1990	rBV	401526	588479	43.65%	3.946%
31	14.439	2011	2015	2020	rVB3	13689	17011	1.26%	0.114%
32	14.563	2030	2036	2042	rBV	657661	919054	68.18%	6.162%
33	14.745	2061	2067	2074	rBV	149262	210255	15.60%	1.410%
34	14.951	2097	2102	2107	rBV6	13867	22340	1.66%	0.150%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX6

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\SOM02.2-EPA-BM012317.M
Title : SVOA CALIBRATION

35	15.345	2164	2169	2172	rBV4	12475	16450	1.22%	0.110%
36	15.392	2172	2177	2182	rVV3	24107	30833	2.29%	0.207%
37	15.557	2197	2205	2210	rBV	523788	771667	57.24%	5.174%
38	15.662	2217	2223	2231	rVB4	78042	122905	9.12%	0.824%
39	16.257	2319	2324	2331	rVB5	30563	48310	3.58%	0.324%
40	17.045	2454	2458	2463	rBV3	29579	38385	2.85%	0.257%
41	17.098	2463	2467	2470	rVB5	10764	15292	1.13%	0.103%
42	17.309	2496	2503	2509	rBV2	797854	1138149	84.43%	7.631%
43	17.409	2513	2520	2529	rVB	585264	841795	62.45%	5.644%
44	17.786	2579	2584	2587	rBV4	23429	29312	2.17%	0.197%
45	18.174	2647	2650	2654	rBV3	39949	51195	3.80%	0.343%
46	18.474	2696	2701	2707	rBV7	18125	29770	2.21%	0.200%
47	19.450	2864	2867	2872	rBV6	28917	42990	3.19%	0.288%
48	19.697	2900	2909	2915	rBV	738427	1002497	74.37%	6.721%
49	21.162	3155	3158	3162	rBV6	62872	76063	5.64%	0.510%
50	21.474	3207	3211	3216	rBV	1050373	1348044	100.00%	9.038%
51	23.685	3580	3587	3594	rBV2	451747	910907	67.57%	6.107%
52	23.838	3607	3613	3622	rVB	615627	1247131	92.51%	8.362%

Sum of corrected areas: 14914868

LSC Report - Integrated Chromatogram

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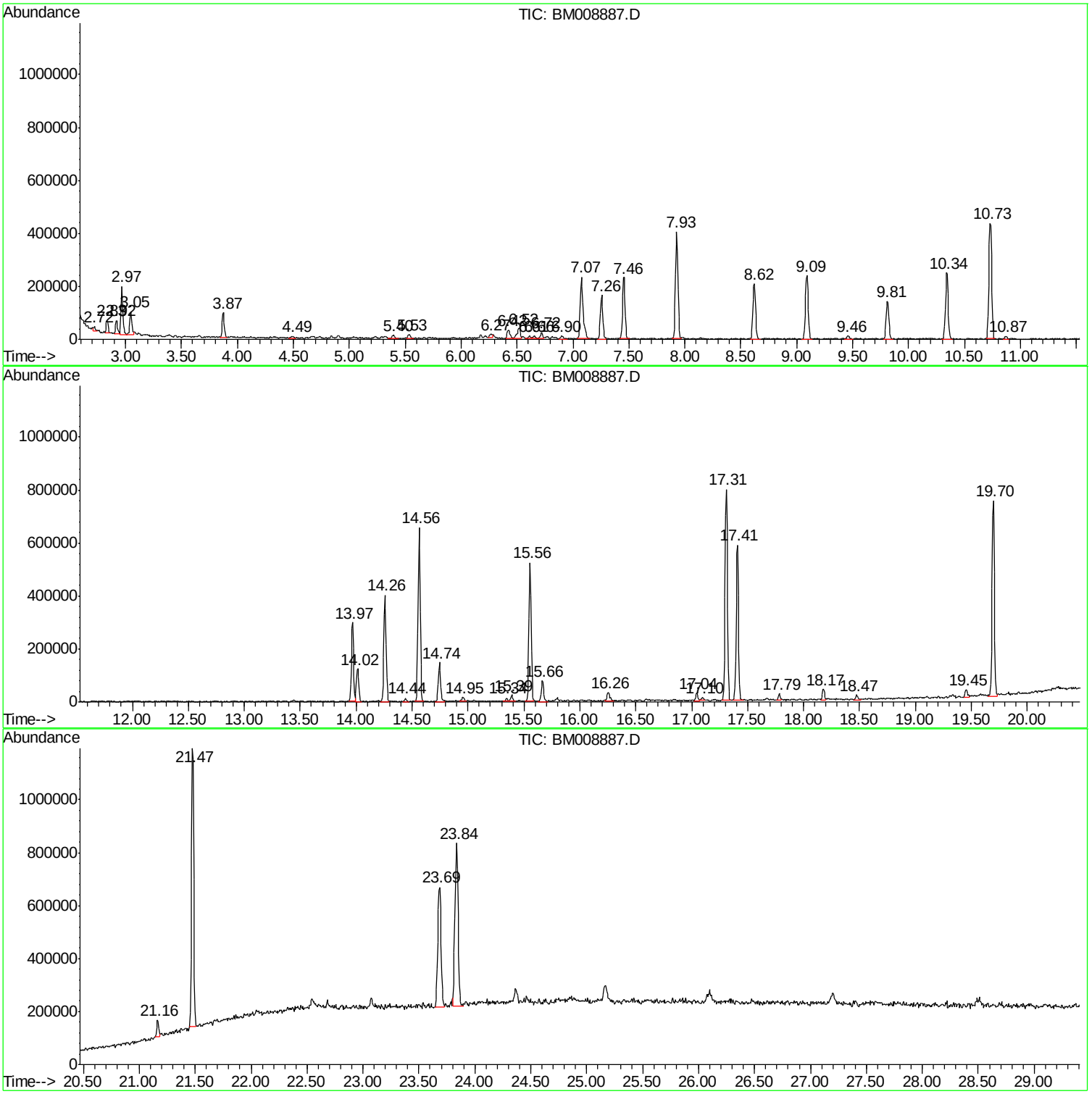
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMX6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008887.D
Acq On : 26 Jan 2017 22:13
Operator : SJ/MA
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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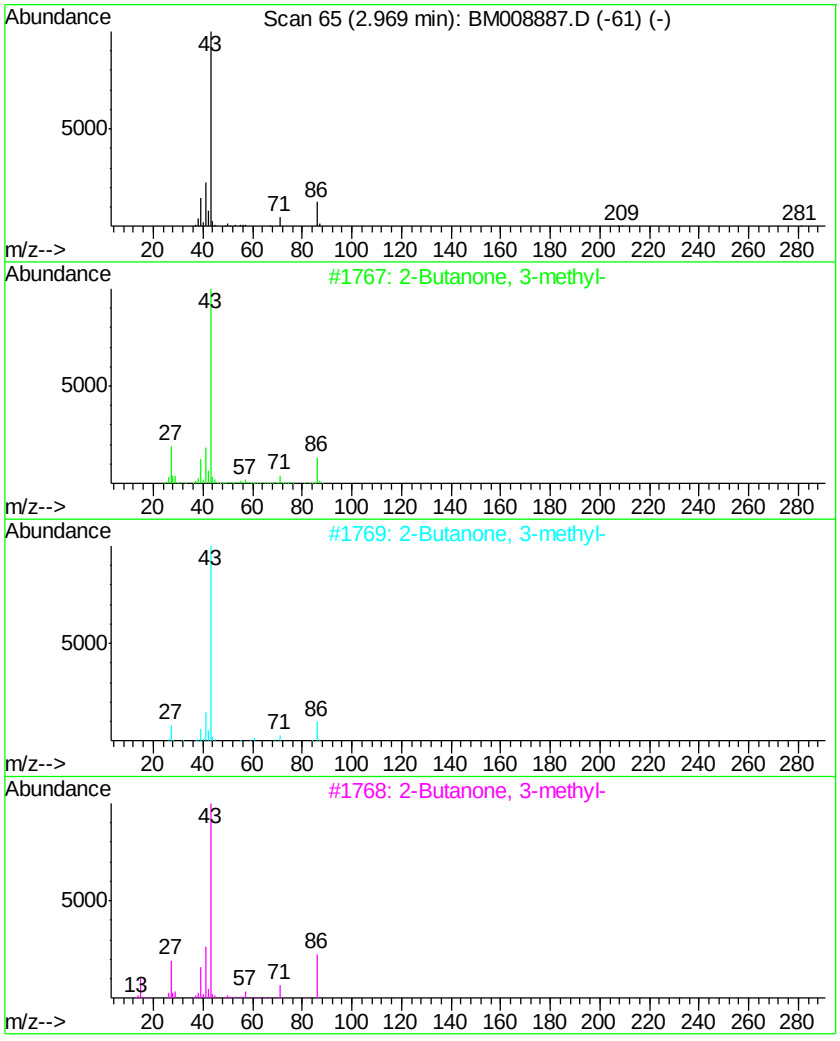
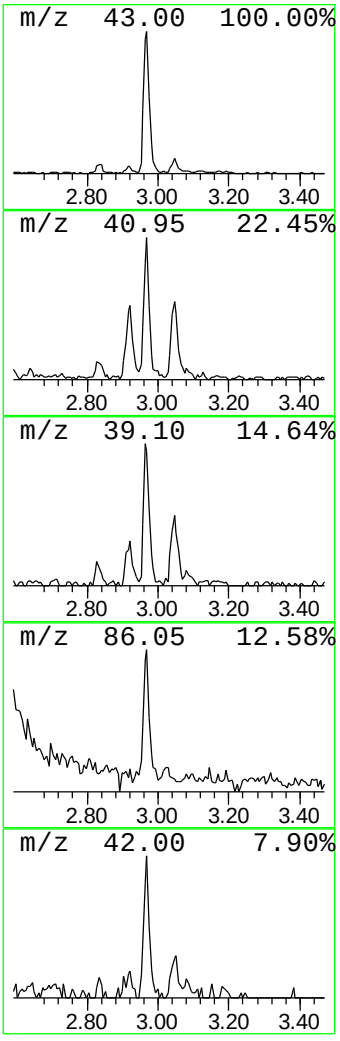
Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	7.03 ng/ul	223543	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
4	2,3-Butanedione	86	C4H6O2	000431-03-8	40
5	2,3-Butanedione	86	C4H6O2	000431-03-8	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
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Operator : SJ/MA
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMX6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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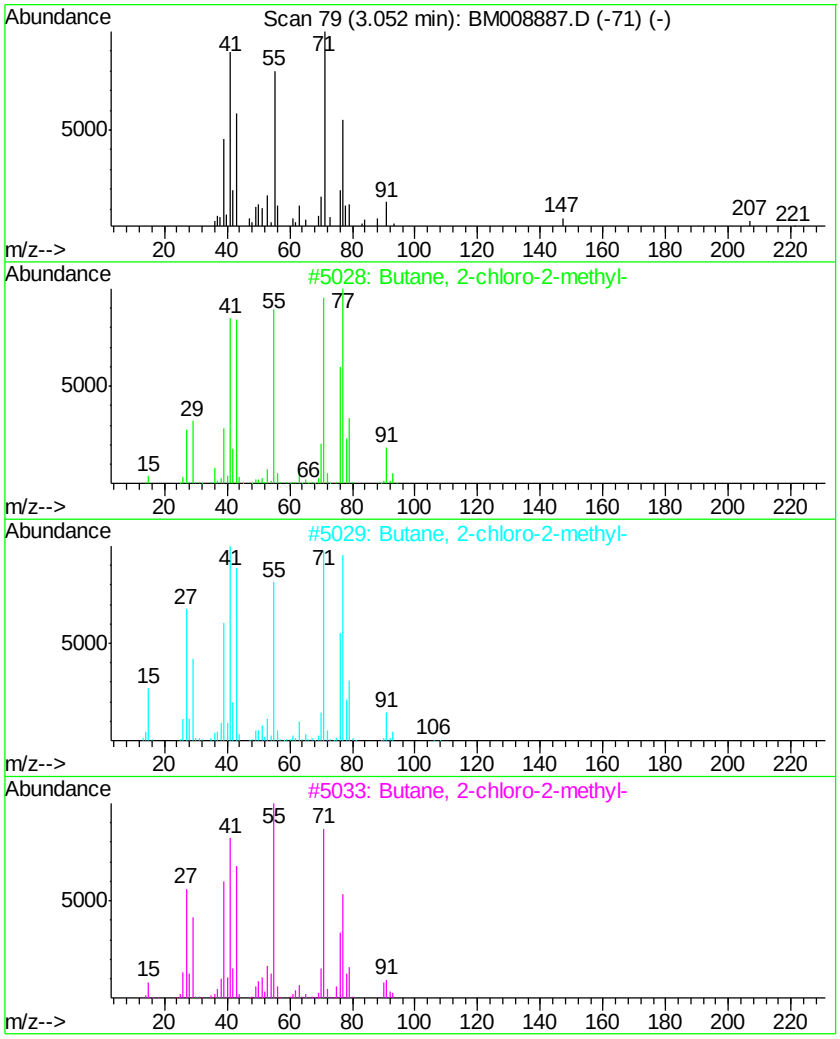
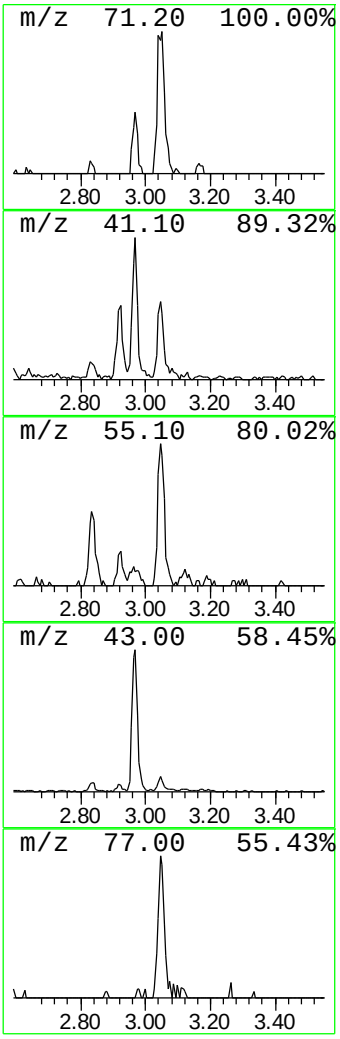
Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	4.11 ng/ul	130719	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	47
2	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	45
3	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	40
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	38
5	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
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Operator : SJ/MA
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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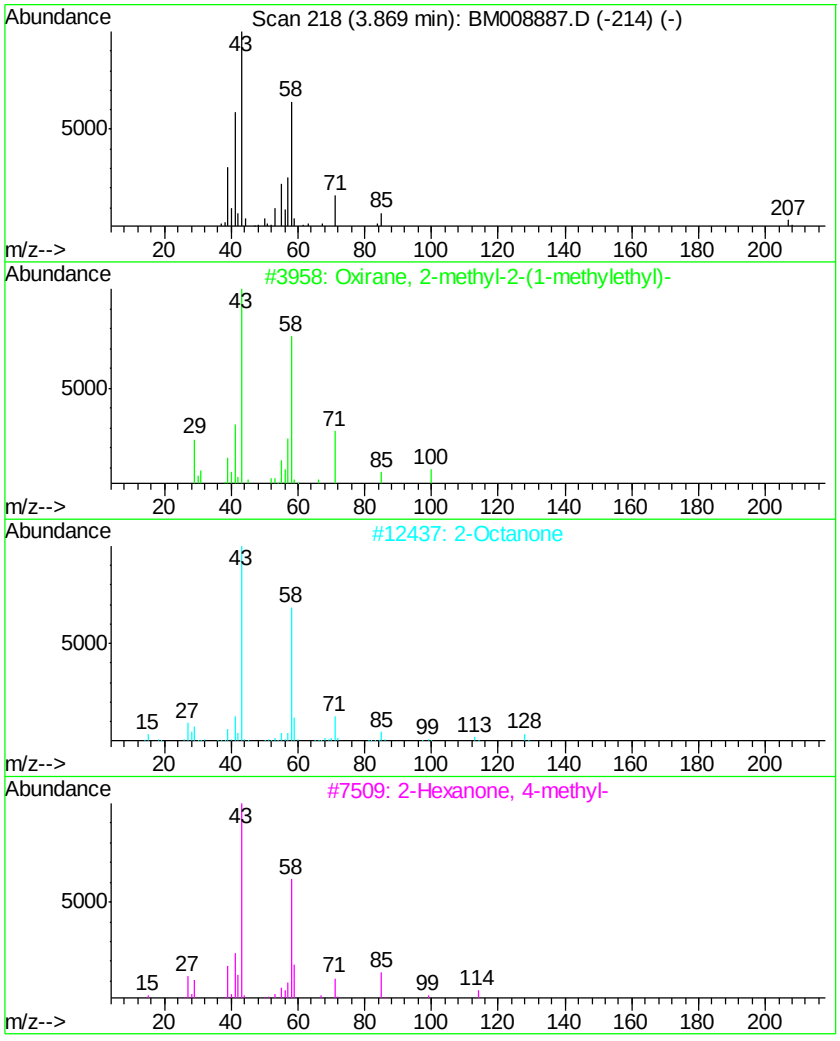
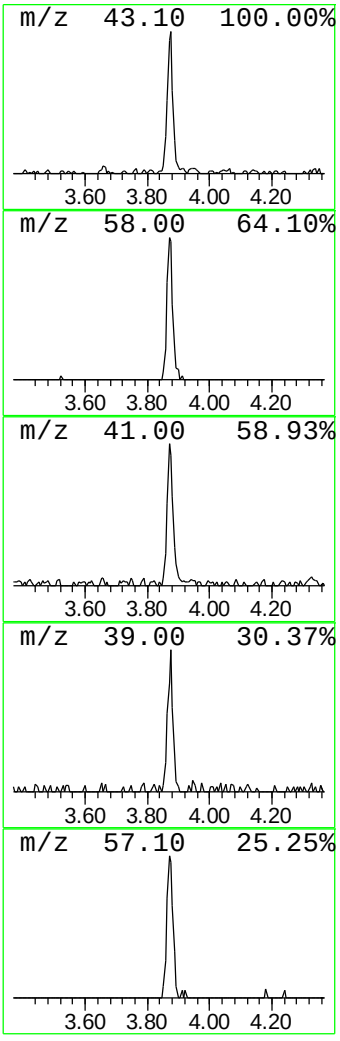
Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	4.06 ng/ul	128963	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	42
2	2-Octanone	128	C8H16O	000111-13-7	39
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	39
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	39
5	2-Octanone	128	C8H16O	000111-13-7	39





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Operator : SJ/MA
Sample : I1426-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMX6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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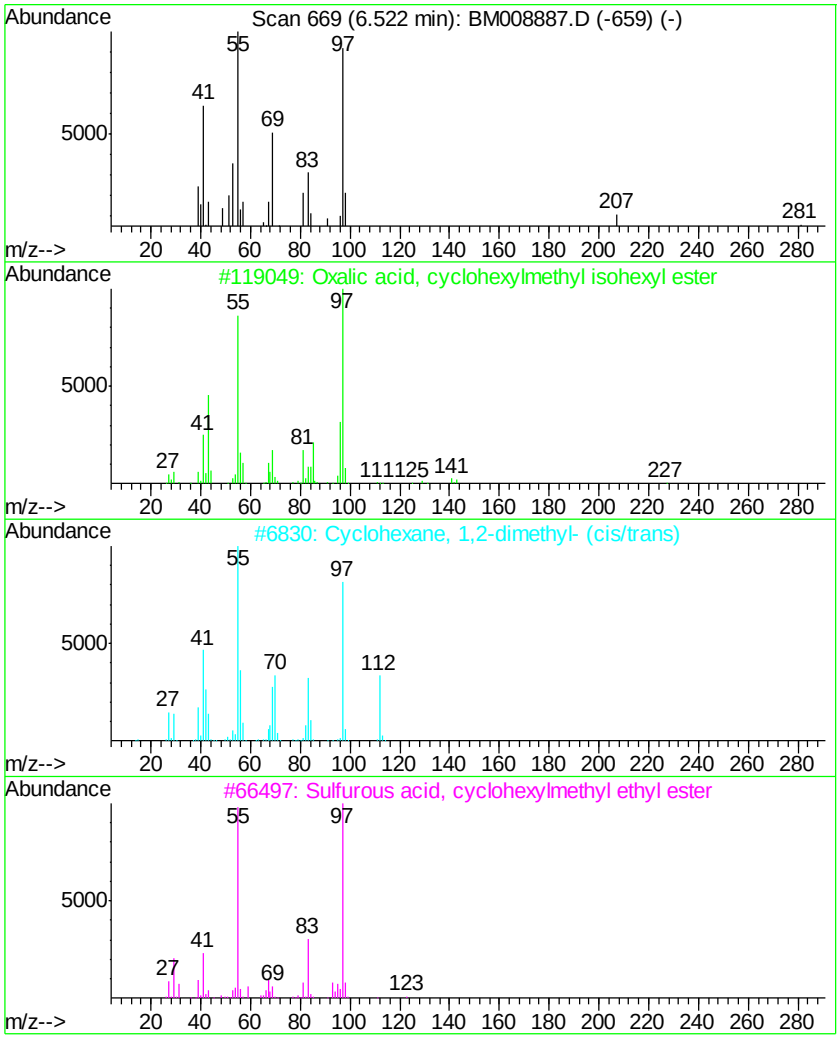
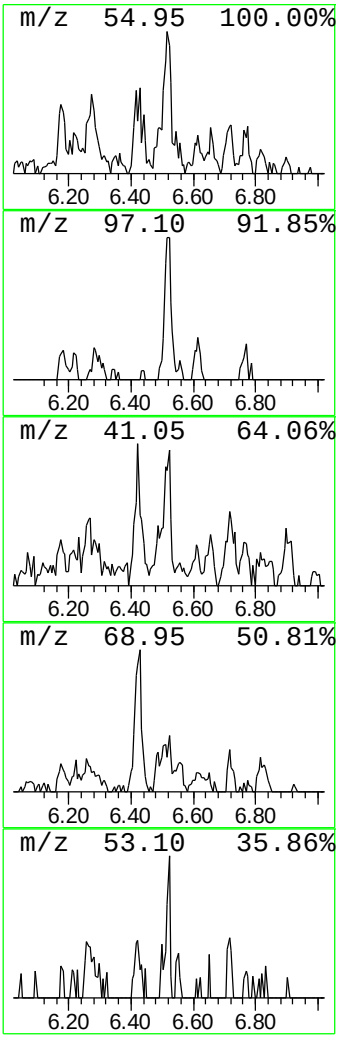
Peak Number 4 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	2.39 ng/ul	75932	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	40
3	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	40
4	3-cyclohexylpropionic acid, 2,2,...	338	C13H17F7O2	1000376-61-3	40
5	3,5-Hexadien-2-ol, 2-methyl-	112	C7H12O	000926-38-5	38





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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
2-Butanone, 3-met...	2.97	7.0	ng/ul	223543	1	7.93	635687	20.0
unknown-01	3.05	4.1	ng/ul	130719	1	7.93	635687	20.0
unknown-02	3.87	4.1	ng/ul	128963	1	7.93	635687	20.0
unknown-03	6.52	2.4	ng/ul	75932	1	7.93	635687	20.0