LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006213.D
Acq On : 02 Jul 2016 23:32
Operator : UM/SJ
Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

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-BM070216.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	2.834	39	42	54	rVB5	55658	97629	1.36%	0.091%
2	3.422	139	142	149	rBV	157862	207657	2.88%	0.193%
3	3.610	169	174	182	rVB	102313	131393	1.82%	0.122%
4	3.998	236	240	247	rVB	62404	81538	1.13%	0.076%
5	4.198	268	274	285	rBV	3687841	5009344	69.57%	4.667%
6	4.793	368	375	380	rBV	2278432	3233785	44.91%	3.013%
7	4.845	380	384	392	rVB	126251	187258	2.60%	0.174%
8	5.398	471	478	490	rBV	3772386	5585595	77.57%	5.204%
9	6.292	623	630	636	rBV3	50958	92340	1.28%	0.086%
10	6.828	711	721	726	rBV	1731869	2869597	39.85%	2.673%
11	6.875	726	729	739	rVB	307538	485986	6.75%	0.453%
12	6.987	741	748	760	rBV	1251562	1979127	27.49%	1.844%
13	7.181	772	781	791	rBV	1630913	2669857	37.08%	2.487%
14	7.645	853	860	878	rVB	1253315	2084175	28.94%	1.942%
15	8.357	974	981	998	rVB	2024924	3435114	47.71%	3.200%
16	8.804	1047	1057	1066	rBV	1581937	2694773	37.42%	2.510%
17	9.322	1140	1145	1150	rBV	160643	268995	3.74%	0.251%
18	9.522	1171	1179	1191	rBV	1350078	2381927	33.08%	2.219%
19	9.686	1199	1207	1216	rBV	87242	197537	2.74%	0.184%
20	10.057	1262	1270	1288	rBV	1937270	3453592	47.96%	3.217%
21	10.427	1326	1333	1350	rVB	1827383	3199058	44.43%	2.980%
22	10.569	1350	1357	1376	rBV	1665352	3034095	42.14%	2.827%
23	11.510	1511	1517	1528	rVB4	51904	98569	1.37%	0.092%
24	11.963	1586	1594	1601	rBV	224340	425713	5.91%	0.397%
25	12.245	1637	1642	1650	rVB	47991	80710	1.12%	0.075%
26	13.710	1884	1891	1896	rBV	3142780	4822109	66.97%	4.492%
27	13.757	1896	1899	1919	rVB	1391959	1996126	27.72%	1.860%
28	13.992	1929	1939	1950	rBV	3524587	5777894	80.24%	5.383%
29	14.298	1984	1991	2004	rVB2	2684854	4189686	58.19%	3.903%
30	14.515	2018	2028	2039	rBV	1785347	2782367	38.64%	2.592%
31	15.157	2133	2137	2143	rVB	69105	95006	1.32%	0.089%
32	15.298	2154	2161	2170	rBV	4477313	6766146	93.97%	6.303%
33	15.427	2177	2183	2196	rBV	1648091	2361142	32.79%	2.200%
34	15.539	2197	2202	2204	rBV	60522	89499	1.24%	0.083%

LSC Area Percent Report

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Acq On : 02 Jul 2016 23:32
Operator : UM/SJ
Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

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-BM070216.M
Title : SVOA CALIBRATION

35	16.021	2280	2284	2287	rBV	91181	135362	1.88%	0.126%
36	16.815	2414	2419	2425	rBV2	194587	304953	4.24%	0.284%
37	17.051	2452	2459	2468	rBV2	3136243	4721340	65.57%	4.398%
38	17.151	2468	2476	2486	rVB2	4449597	6911586	95.99%	6.439%
39	17.421	2517	2522	2534	rVB10	25981	77160	1.07%	0.072%
40	17.551	2540	2544	2553	rVB	107338	160121	2.22%	0.149%
41	19.080	2801	2804	2808	rBV	50746	72749	1.01%	0.068%
42	19.450	2860	2867	2874	rBV2	4888038	7200522	100.00%	6.708%
43	20.962	3120	3124	3134	rBV	205165	323234	4.49%	0.301%
44	21.162	3155	3158	3163	rBV	108525	121637	1.69%	0.113%
45	21.244	3166	3172	3178	rBV	3351259	4513785	62.69%	4.205%
46	22.409	3366	3370	3376	rVB	288195	390244	5.42%	0.364%
47	23.321	3518	3525	3537	rVB2	2856243	5671611	78.77%	5.284%
48	23.462	3542	3549	3557	rBV	2052443	3872791	53.78%	3.608%

Sum of corrected areas: 107342434

LSC Report - Integrated Chromatogram

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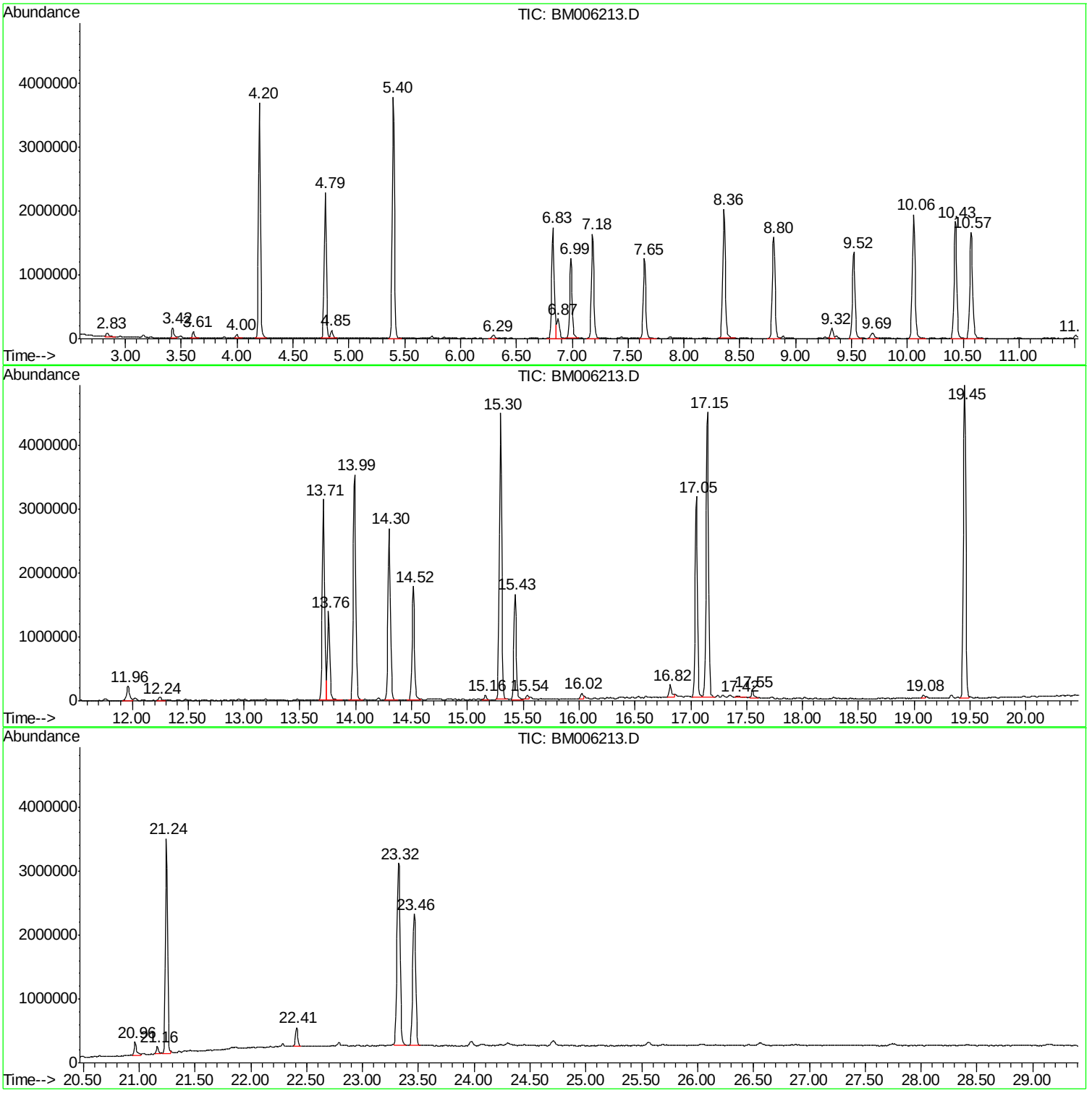
Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006213.D
Acq On : 02 Jul 2016 23:32
Operator : UM/SJ
Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

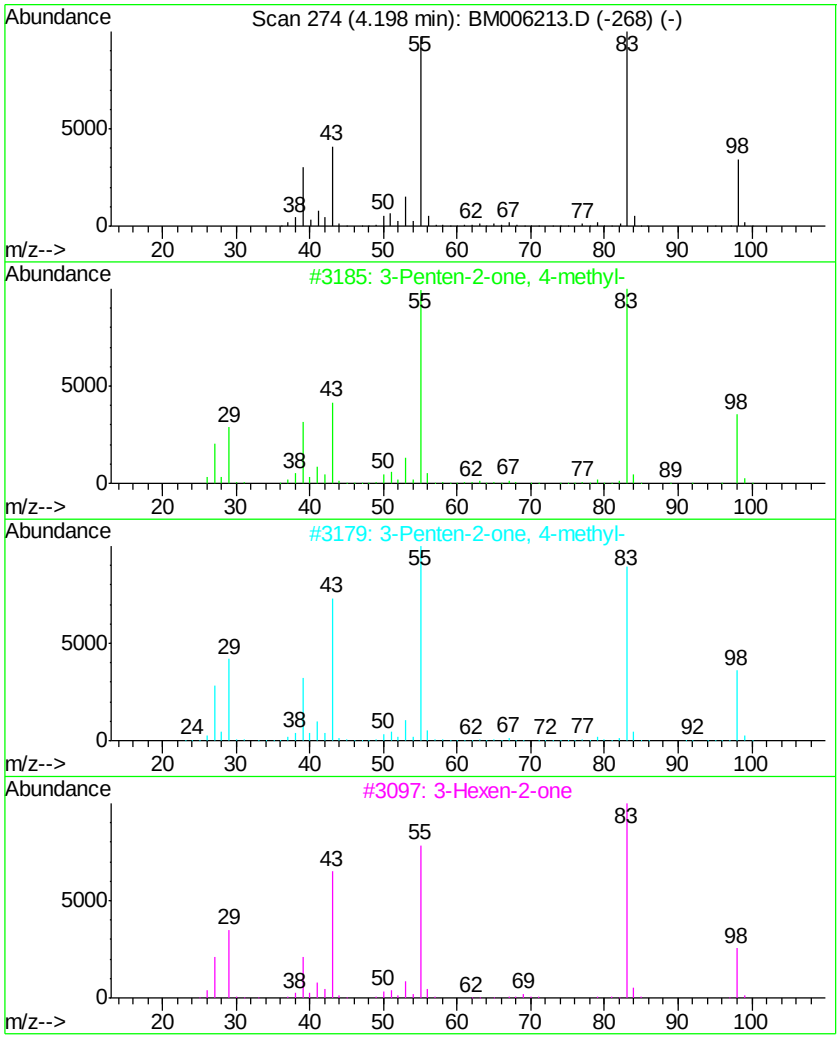
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

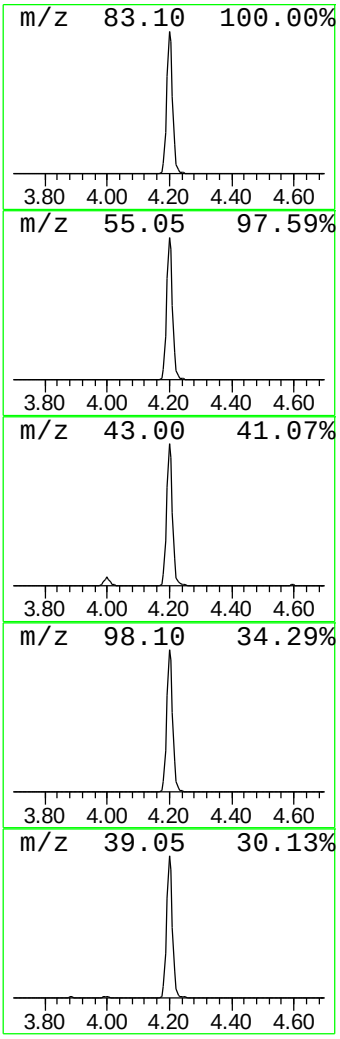
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	48.07 ng/ul	5009340	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Hexen-2-one	98	C6H10O	000763-93-9	90
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90





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Operator : UM/SJ
Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

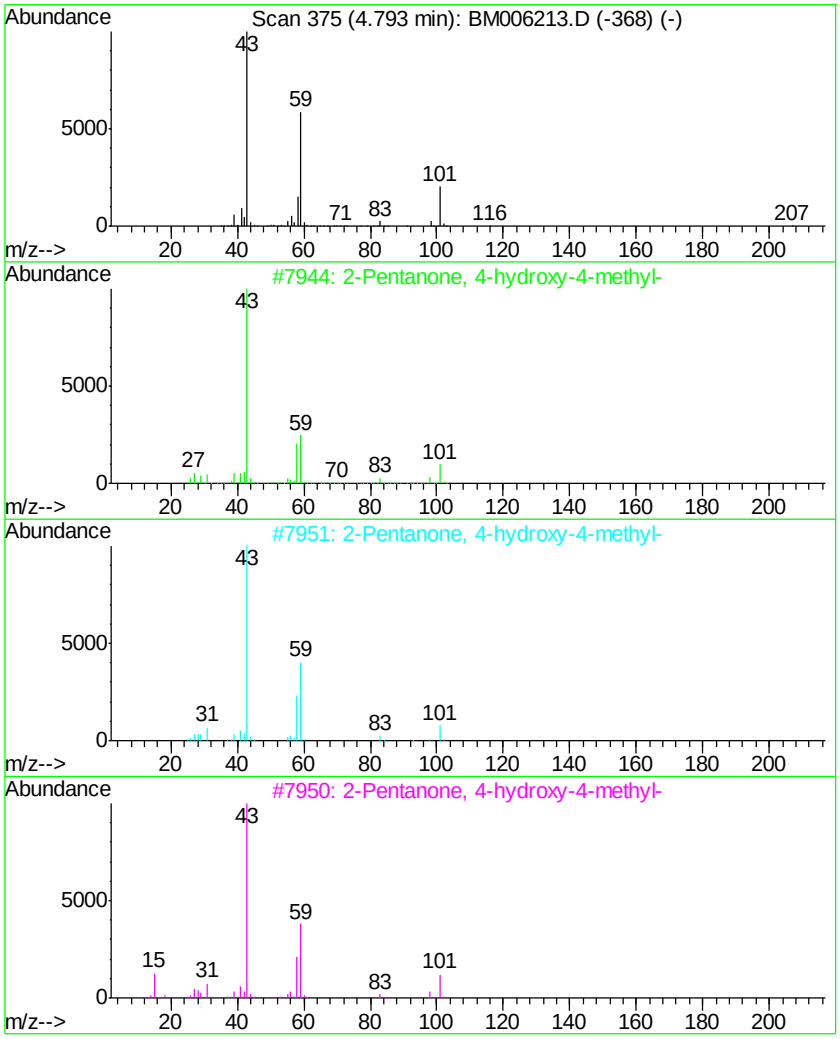
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

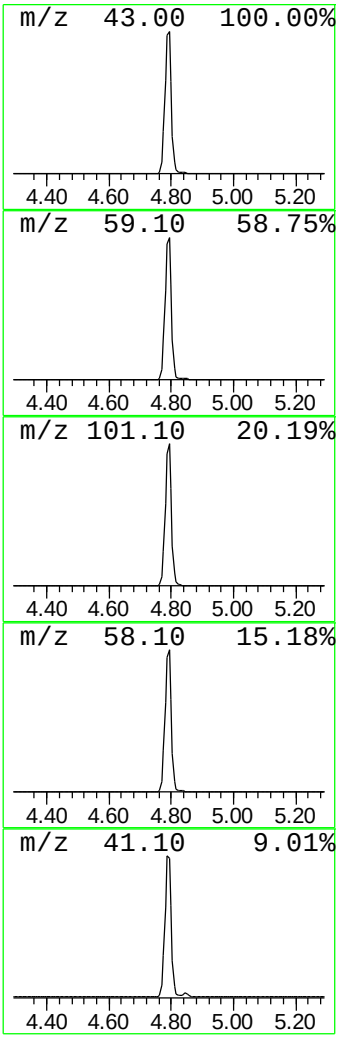
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	31.03 ng/ul	3233790	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
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Operator : UM/SJ
Sample : H3797-19
Misc :
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Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

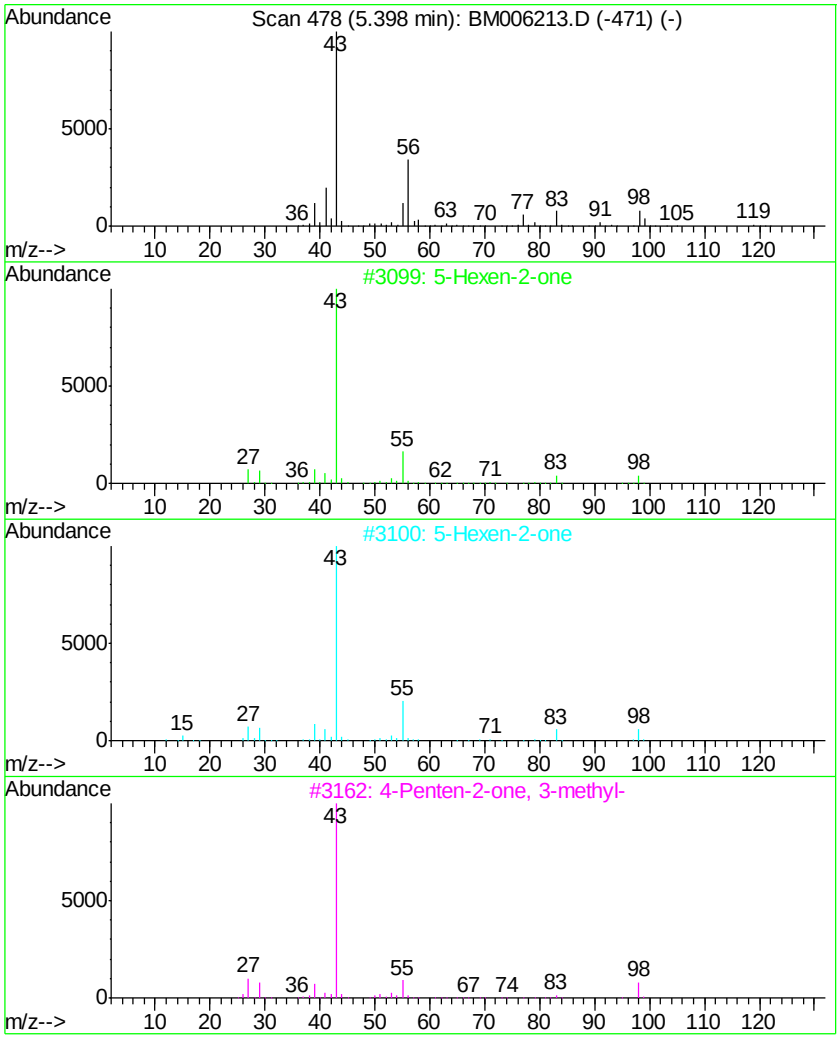
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

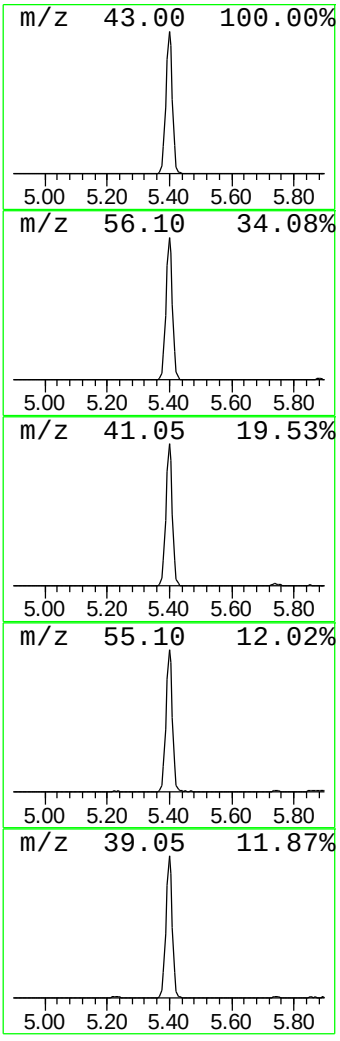
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	53.60 ng/ul	5585600	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-2-one	98	C6H10O	000109-49-9	32
2	5-Hexen-2-one	98	C6H10O	000109-49-9	32
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	27
4	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

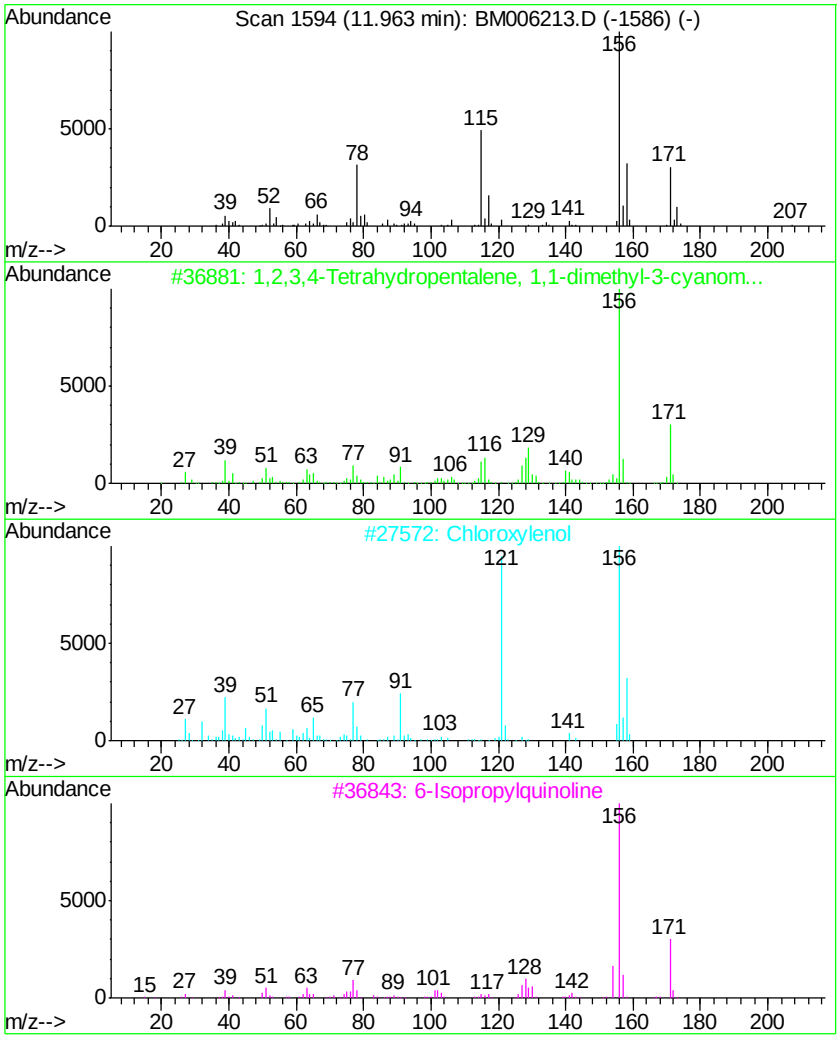
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

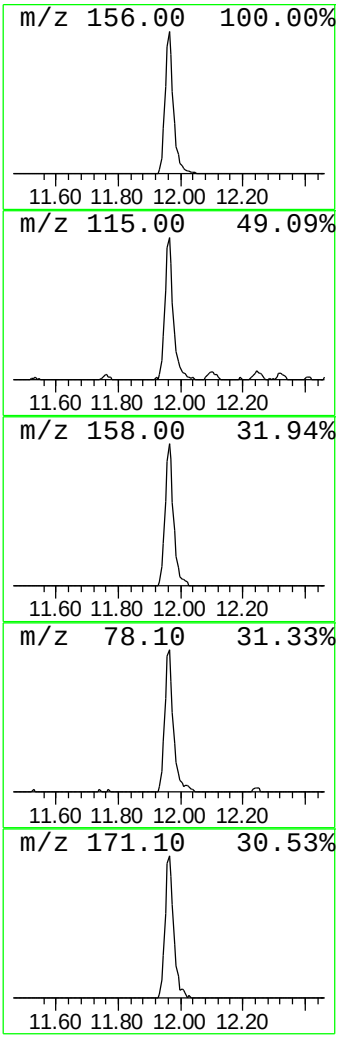
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.66 ng/ul	425713	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	43
2	Chloroxylenol	156	C8H9ClO	000088-04-0	32
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28





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Sample : H3797-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDHR8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

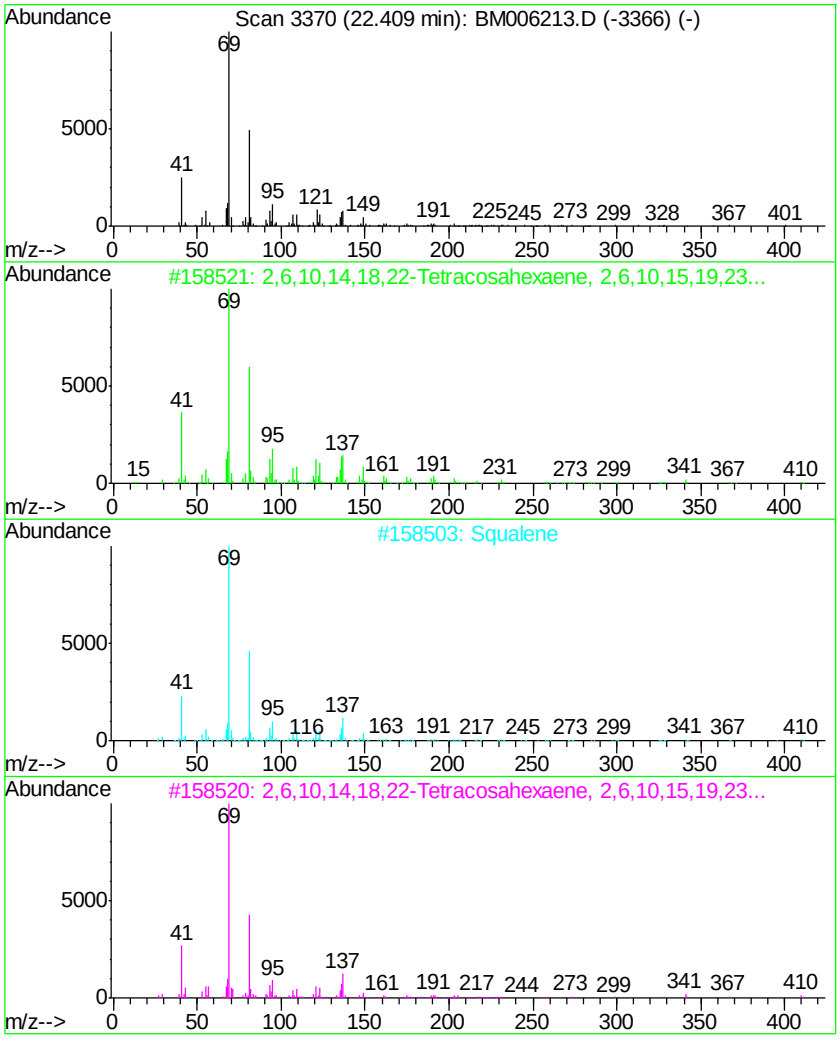
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

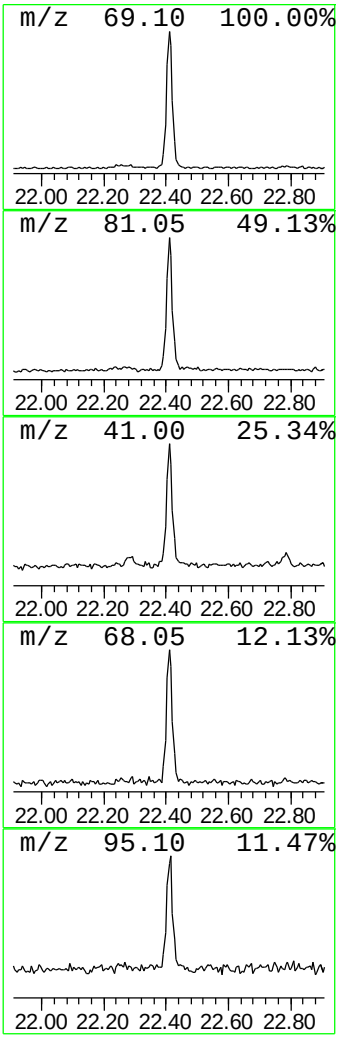
****

Peak Number 5 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.02 ng/ul	390244	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.20	48.1	ng/ul	5009340	1	7.65	2084180	20.0
2-Pentanone, 4-hy...	4.79	31.0	ng/ul	3233790	1	7.65	2084180	20.0
unknown-01	5.40	53.6	ng/ul	5585600	1	7.65	2084180	20.0
unknown-02	11.96	2.7	ng/ul	425713	2	10.43	3199060	20.0
2,6,10,14,18,22-T...	22.41	2.0	ng/ul	390244	6	23.46	3872790	20.0