LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

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-BM032818MA.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	3.693	13	18	22	rVV	121657	168557	1.82%	0.151%
2	4.005	66	71	78	rVB	552747	741473	8.02%	0.664%
3	4.299	116	121	127	rVB	373274	515339	5.58%	0.462%
4	4.822	202	210	213	rBV	309066	443898	4.80%	0.398%
5	4.863	213	217	222	rVB	502420	710563	7.69%	0.636%
6	5.016	237	243	248	rVB2	66503	100390	1.09%	0.090%
7	5.399	303	308	311	rBV	94562	144149	1.56%	0.129%
8	5.546	328	333	337	rVV	153742	232082	2.51%	0.208%
9	5.593	337	341	345	rVV	136826	194999	2.11%	0.175%
10	5.646	345	350	357	rVB	279972	496053	5.37%	0.444%
11	5.940	396	400	408	rVB	145695	228222	2.47%	0.204%
12	6.275	448	457	462	rBV2	55721	99923	1.08%	0.089%
13	6.587	504	510	513	rBV	125002	191390	2.07%	0.171%
14	6.622	513	516	525	rVB2	101423	154707	1.67%	0.139%
15	7.440	646	655	662	rVB6	25882	98277	1.06%	0.088%
16	7.687	691	697	704	rBV	500434	815992	8.83%	0.731%
17	7.869	721	728	739	rBV	1818232	2954088	31.96%	2.646%
18	8.087	758	765	774	rBV	1926854	3209091	34.72%	2.874%
19	8.569	840	847	855	rBV	1598566	2670743	28.90%	2.392%
20	9.263	950	965	976	rVB	1402898	2406003	26.03%	2.155%
21	9.751	1041	1048	1055	rBV	2232356	3730029	40.36%	3.341%
22	10.157	1113	1117	1129	rVB	68159	126148	1.36%	0.113%
23	10.481	1165	1172	1187	rVB	1750479	3017049	32.64%	2.702%
24	11.022	1256	1264	1272	rBV	2604973	4416738	47.79%	3.956%
25	11.257	1299	1304	1316	rVB6	60121	169463	1.83%	0.152%
26	11.416	1324	1331	1341	rBV	2069141	3682952	39.85%	3.299%
27	11.539	1346	1352	1358	rVV	370490	650116	7.03%	0.582%
28	11.598	1358	1362	1369	rVB	124512	212080	2.29%	0.190%
29	12.086	1436	1445	1452	rBV9	47277	122385	1.32%	0.110%
30	12.198	1458	1464	1469	rBV4	52466	117735	1.27%	0.105%
31	12.251	1469	1473	1481	rVB	212969	334704	3.62%	0.300%
32	12.886	1576	1581	1587	rVB	125510	197906	2.14%	0.177%
33	12.957	1587	1593	1599	rBV3	87502	232264	2.51%	0.208%
34	13.245	1637	1642	1646	rBV3	72212	122439	1.32%	0.110%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

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-BM032818MA.M
Title : SVOA CALIBRATION

35	14.004	1767	1771	1781	rVB	69421	131177	1.42%	0.117%
36	14.145	1792	1795	1803	rVB4	73996	112532	1.22%	0.101%
37	14.557	1859	1865	1871	rBV	3985143	5583473	60.41%	5.001%
38	14.757	1895	1899	1906	rVB3	127571	193487	2.09%	0.173%
39	14.869	1912	1918	1924	rBV	5005395	7525513	81.42%	6.740%
40	14.922	1924	1927	1938	rVB4	78885	209111	2.26%	0.187%
41	15.110	1955	1959	1963	rBV4	76192	137399	1.49%	0.123%
42	15.169	1964	1969	1976	rVB2	2638168	4112351	44.49%	3.683%
43	15.316	1986	1994	2000	rBV4	409503	712587	7.71%	0.638%
44	15.698	2054	2059	2064	rBV	298451	459163	4.97%	0.411%
45	16.145	2129	2135	2142	rBV	5934295	8470754	91.65%	7.587%
46	16.239	2146	2151	2158	rVV	1707696	2325689	25.16%	2.083%
47	17.880	2425	2430	2437	rVB	2970117	4239241	45.87%	3.797%
48	17.980	2441	2447	2455	rVB	5719521	8161397	88.30%	7.310%
49	19.074	2630	2633	2639	rBV	168184	218425	2.36%	0.196%
50	19.945	2779	2781	2792	rVB4	142181	227820	2.46%	0.204%
51	20.215	2821	2827	2838	rVB	6306516	8685080	93.97%	7.779%
52	21.962	3119	3124	3131	rVB	3159313	4305763	46.59%	3.857%
53	24.315	3516	3524	3534	rVB2	4077399	8683136	93.95%	7.777%
54	24.474	3545	3551	3564	rVB2	2014479	4201840	45.46%	3.764%
55	25.056	3639	3650	3672	rVB3	1759708	9242716	100.00%	8.279%

Sum of corrected areas: 111646601

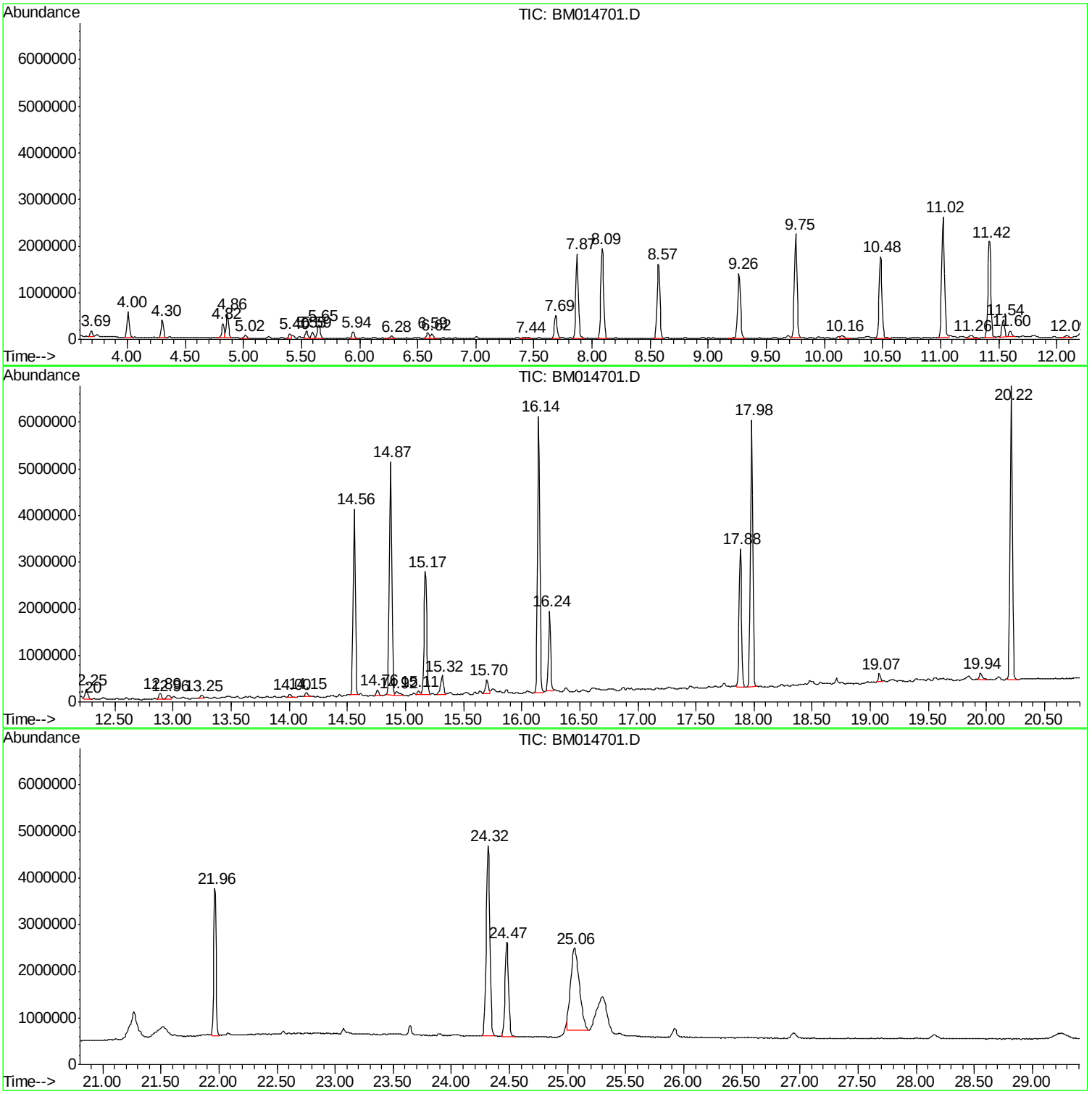
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.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\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

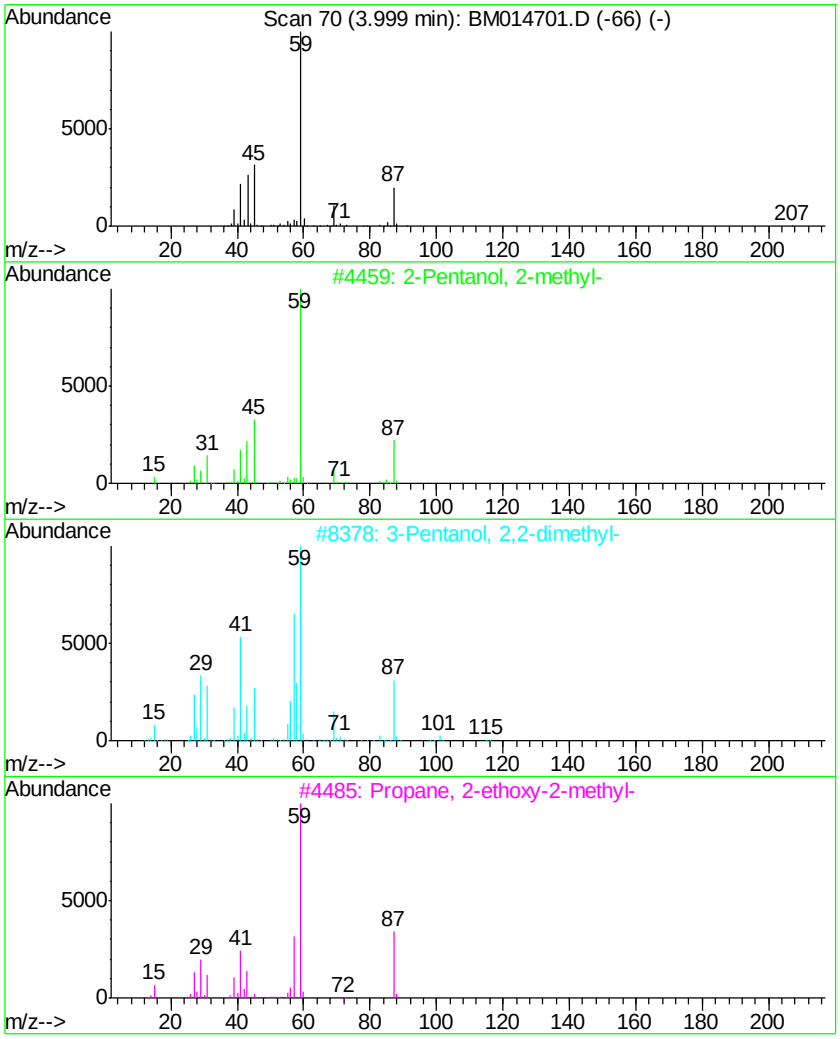
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

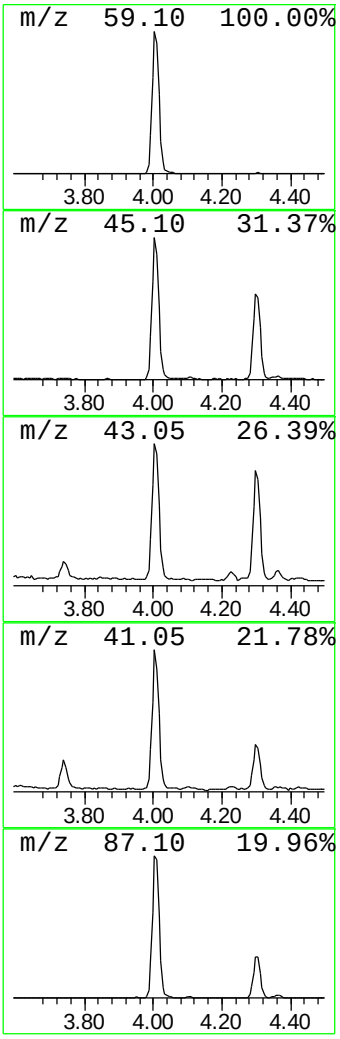
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	5.55 ng/ul	741473	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	72
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	56
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

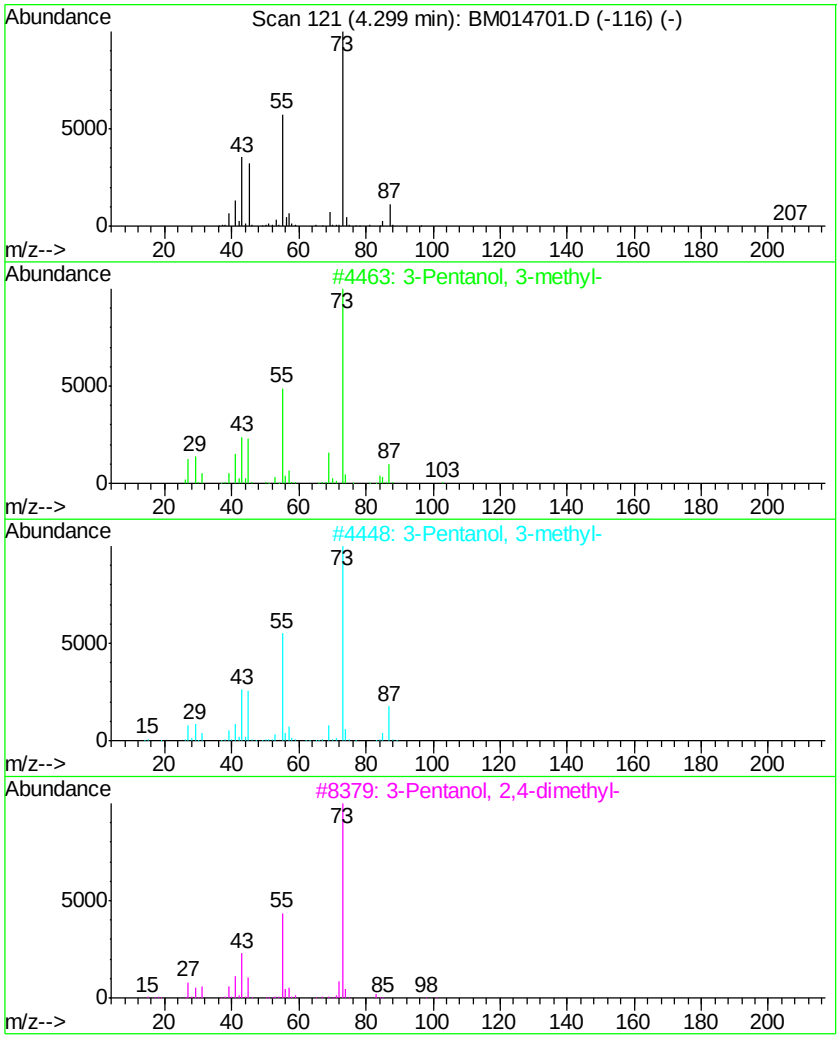
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

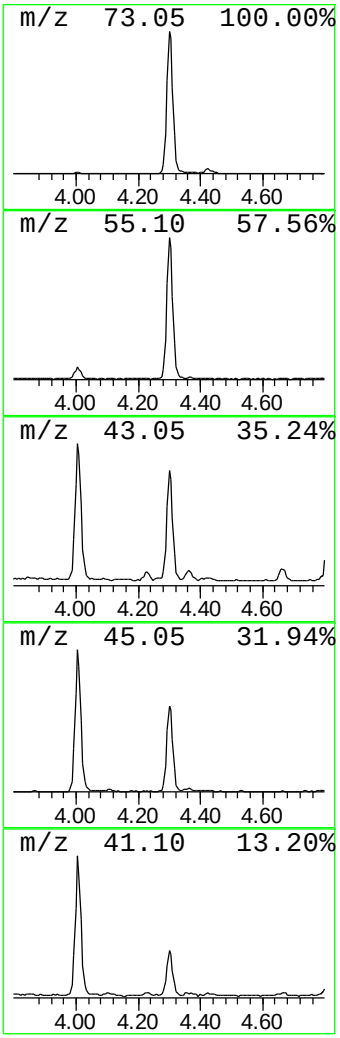
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.86 ng/ul	515339	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	72
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	50
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	39
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

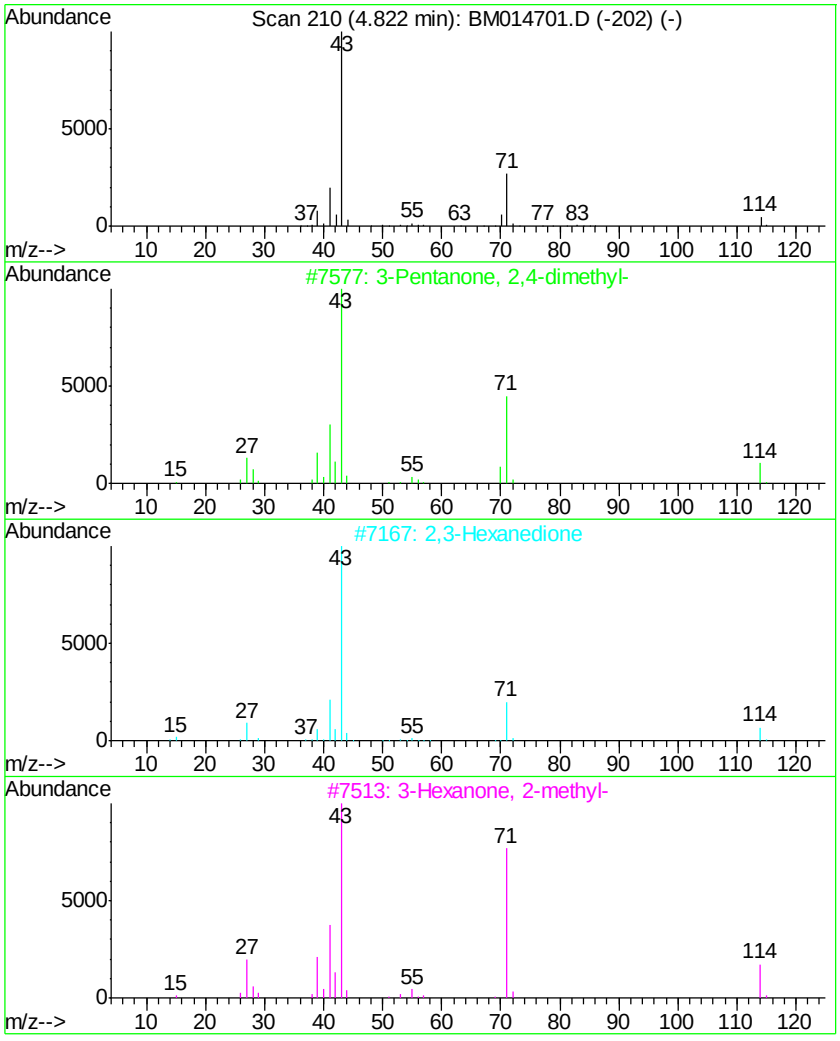
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

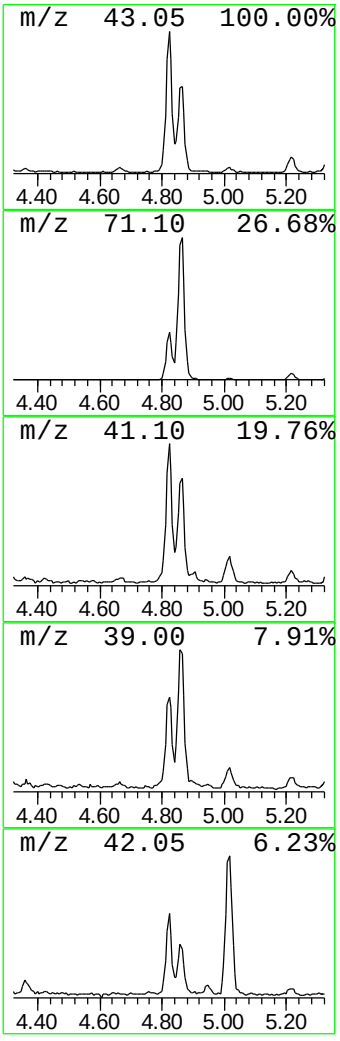
****

Peak Number 3 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	3.32 ng/ul	443898	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50
2	2,3-Hexanedione	114	C6H10O2	003848-24-6	50
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	50
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	45
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

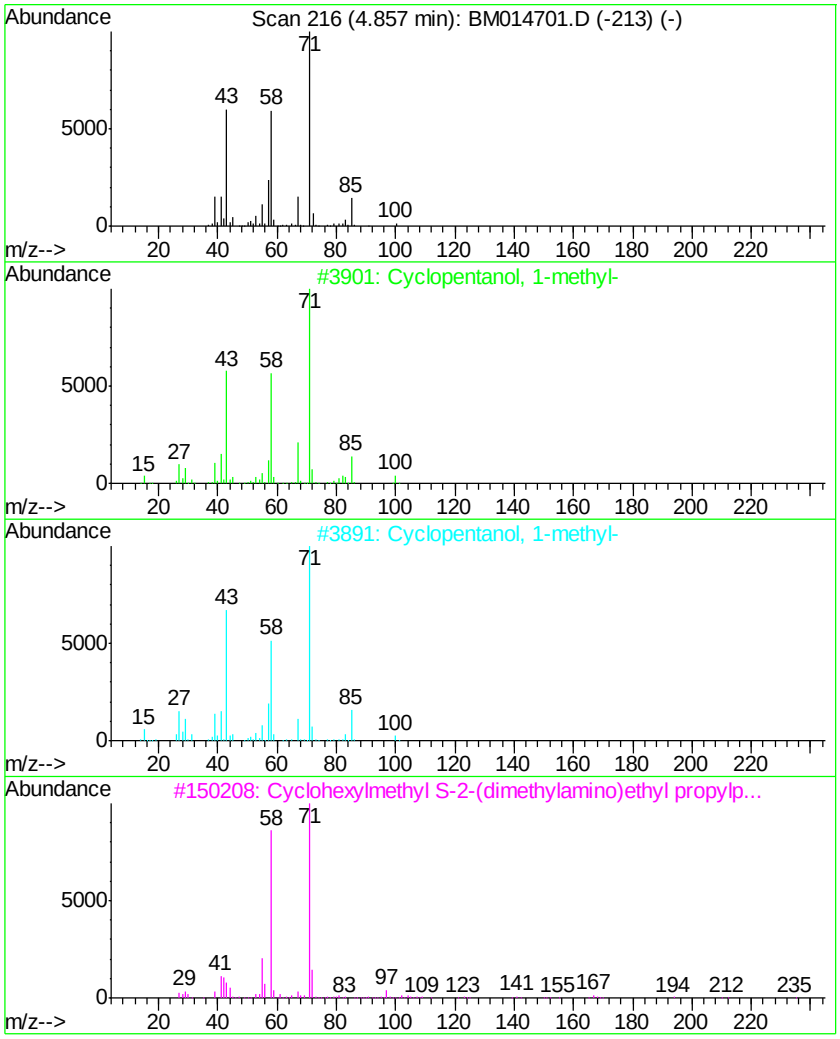
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

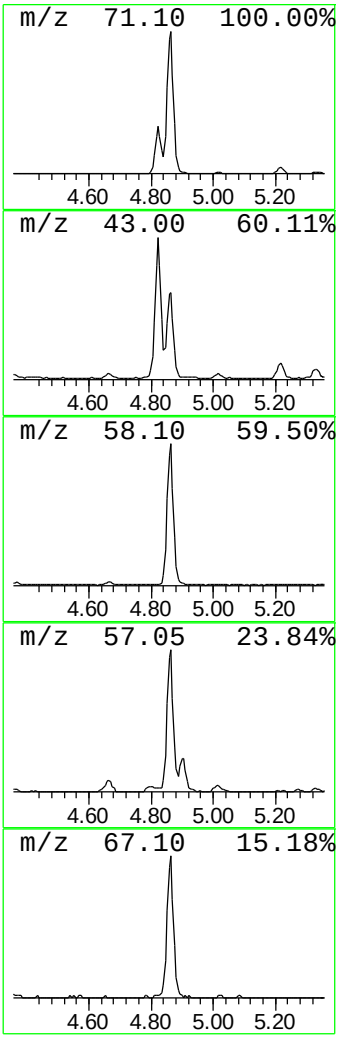
****

Peak Number 4 Cyclopentanol, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	5.32 ng/ul	710563	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	83
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	47
3	Cyclohexylmethyl S-2-(dimethylam...	307	C14H30NO2PS	1000298-43-5	45
4	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	40
5	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

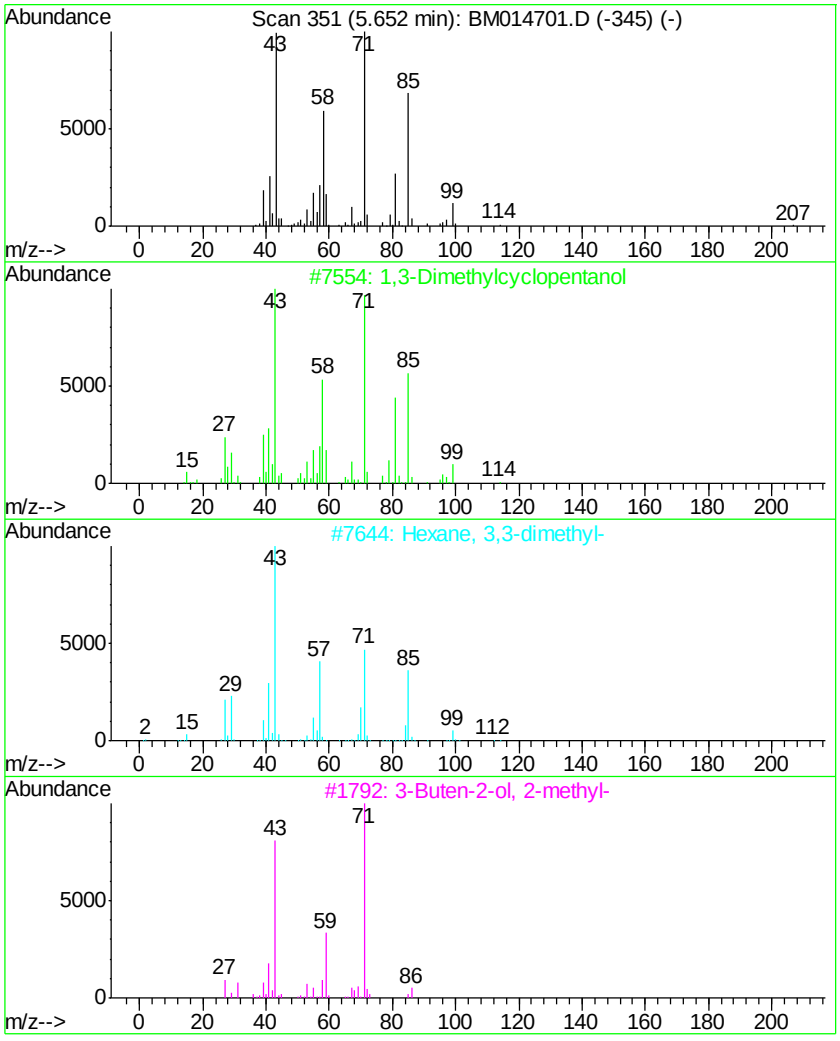
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

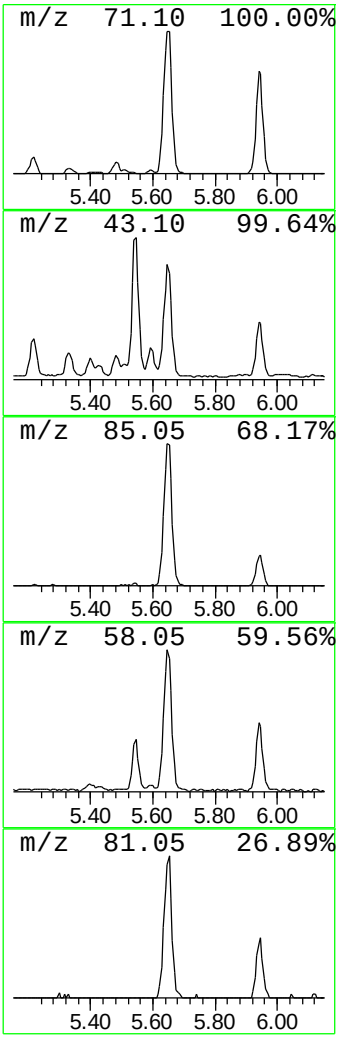
****

Peak Number 5 1,3-Dimethylcyclopentanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	3.71 ng/ul	496053	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	83
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
4	Butyric acid, 2,2-dimethyl-, vin...	142	C8H14O2	013170-00-8	43
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

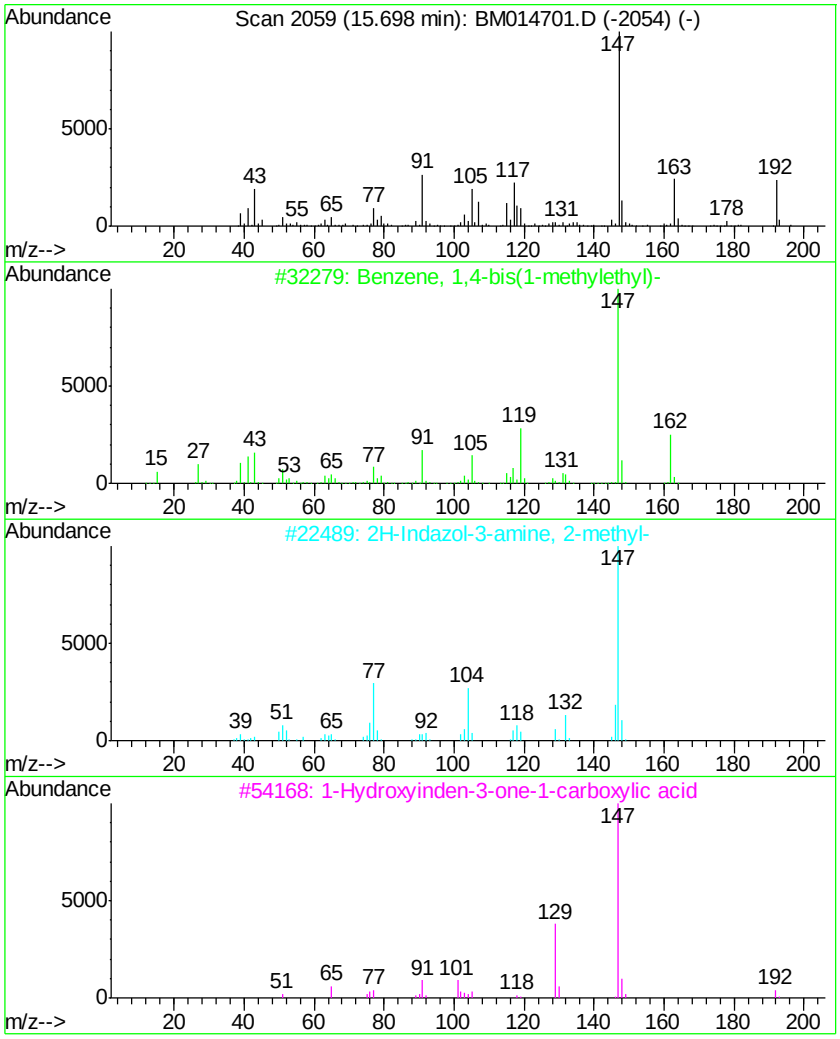
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

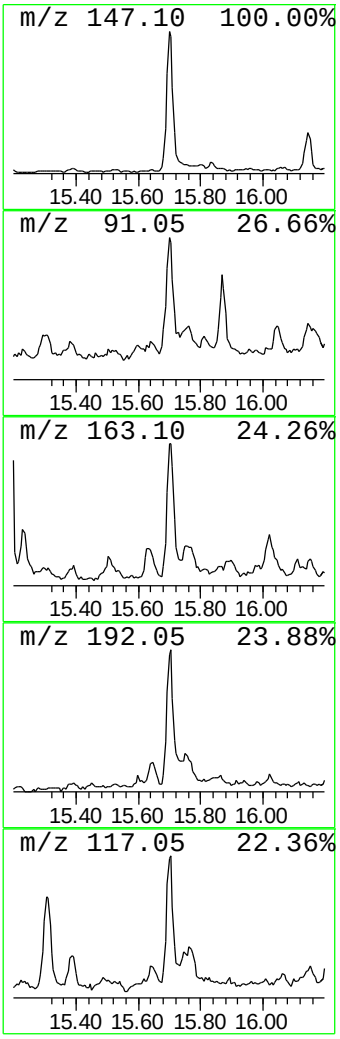
****

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.23 ng/ul	459163	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
2	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
3	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	43
4	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

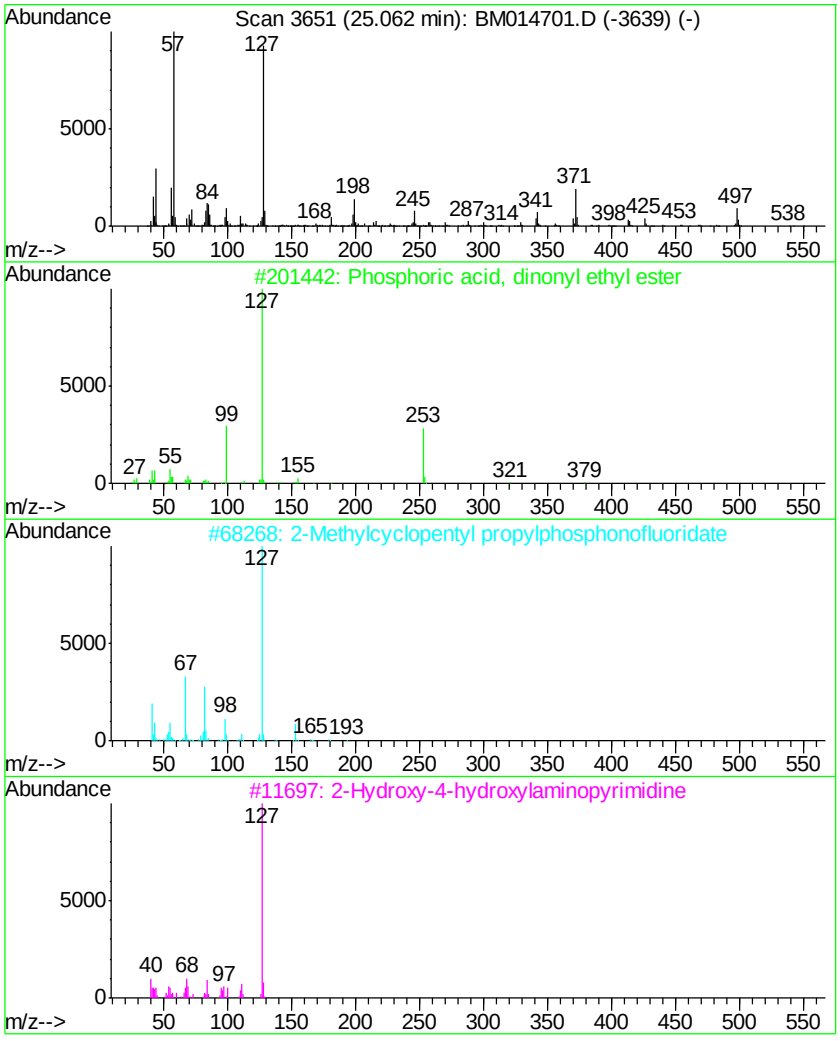
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

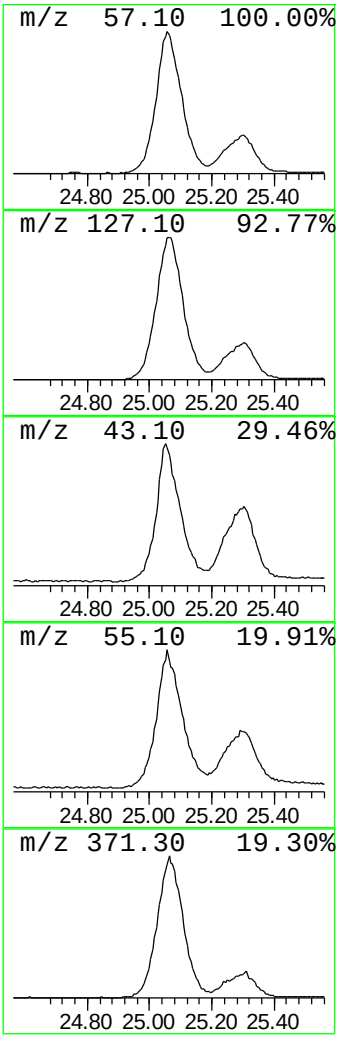
****

Peak Number 7 Phosphoric acid, dinonyl et... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	43.99 ng/ul	9242720	Perylene-d12	24.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, dinonyl ethyl e...	378	C20H43O4P	1000308-89-5	50
2	2-Methylcyclopentyl propylphosph...	208	C9H18FO2P	1000298-30-1	50
3	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	50
4	3,3-Diethyl-pyrrolidine-2,4-dione	155	C8H13NO2	1000187-46-9	50
5	Fumaric acid, 3,5-dichlorophenyl...	288	C12H10Cl2O4	1000348-23-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041318\
Data File : BM014701.D
Acq On : 13 Apr 2018 14:20
Operator : SJ/JU
Sample : J2313-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A32

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.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-Pentanol, 2-met...	4.00	5.5	ng/ul	741473	1	8.57	2670740	20.0
3-Pentanol, 3-met...	4.30	3.9	ng/ul	515339	1	8.57	2670740	20.0
3-Pentanone, 2,4-...	4.82	3.3	ng/ul	443898	1	8.57	2670740	20.0
Cyclopentanol, 1-...	4.86	5.3	ng/ul	710563	1	8.57	2670740	20.0
1,3-Dimethylcyclo...	5.65	3.7	ng/ul	496053	1	8.57	2670740	20.0
unknown-01	15.70	2.2	ng/ul	459163	3	15.17	4112350	20.0
Phosphoric acid, ...	25.06	44.0	ng/ul	9242720	6	24.47	4201840	20.0