LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009348.D
Acq On : 23 Mar 2017 18:50
Operator : SJ/MA
Sample : PB97754BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK54

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-BM032317MA.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	3.334	38	42	48	rVB	27956	40530	1.25%	0.120%
2	4.981	318	322	327	rBV	98217	135327	4.19%	0.400%
3	7.010	661	667	678	rVB	501702	777592	24.05%	2.296%
4	7.192	688	698	705	rBV	526437	836168	25.86%	2.469%
5	7.386	724	731	738	rVB2	674447	1050032	32.48%	3.101%
6	7.857	804	811	817	rBV	576334	904882	27.99%	2.672%
7	8.551	923	929	937	rBV	689664	1088196	33.66%	3.213%
8	9.022	1002	1009	1018	rVB	672020	1090764	33.74%	3.221%
9	9.739	1123	1131	1141	rBV	536321	891702	27.58%	2.633%
10	10.269	1214	1221	1228	rBV	785242	1274274	39.41%	3.763%
11	10.657	1280	1287	1297	rVB	670808	1128747	34.91%	3.333%
12	10.798	1302	1311	1320	rBV	164601	294057	9.10%	0.868%
13	12.180	1539	1546	1553	rBV2	66641	108740	3.36%	0.321%
14	13.904	1833	1839	1847	rVB	1267819	1734565	53.65%	5.122%
15	14.192	1881	1888	1897	rBV	1340663	1943856	60.12%	5.740%
16	14.498	1934	1940	1949	rVB2	877672	1362748	42.15%	4.024%
17	14.692	1966	1973	1980	rBV	386704	584137	18.07%	1.725%
18	15.492	2103	2109	2116	rBV	1766460	2484194	76.84%	7.335%
19	15.609	2123	2129	2140	rBV	582799	826469	25.56%	2.440%
20	17.251	2401	2408	2415	rBV2	1149472	1626220	50.30%	4.802%
21	17.345	2418	2424	2434	rBV2	1875385	2620785	81.06%	7.739%
22	19.268	2747	2751	2757	rBV2	20350	32983	1.02%	0.097%
23	19.639	2808	2814	2824	rBV	2395439	3170956	98.08%	9.363%
24	21.421	3112	3117	3123	rBV	1779017	2206491	68.25%	6.515%
25	21.538	3133	3137	3143	rBV	211659	286203	8.85%	0.845%
26	23.597	3481	3487	3497	rVB2	1684283	3233043	100.00%	9.547%
27	23.750	3506	3513	3520	rBV	1141557	2131887	65.94%	6.295%

Sum of corrected areas: 33865548

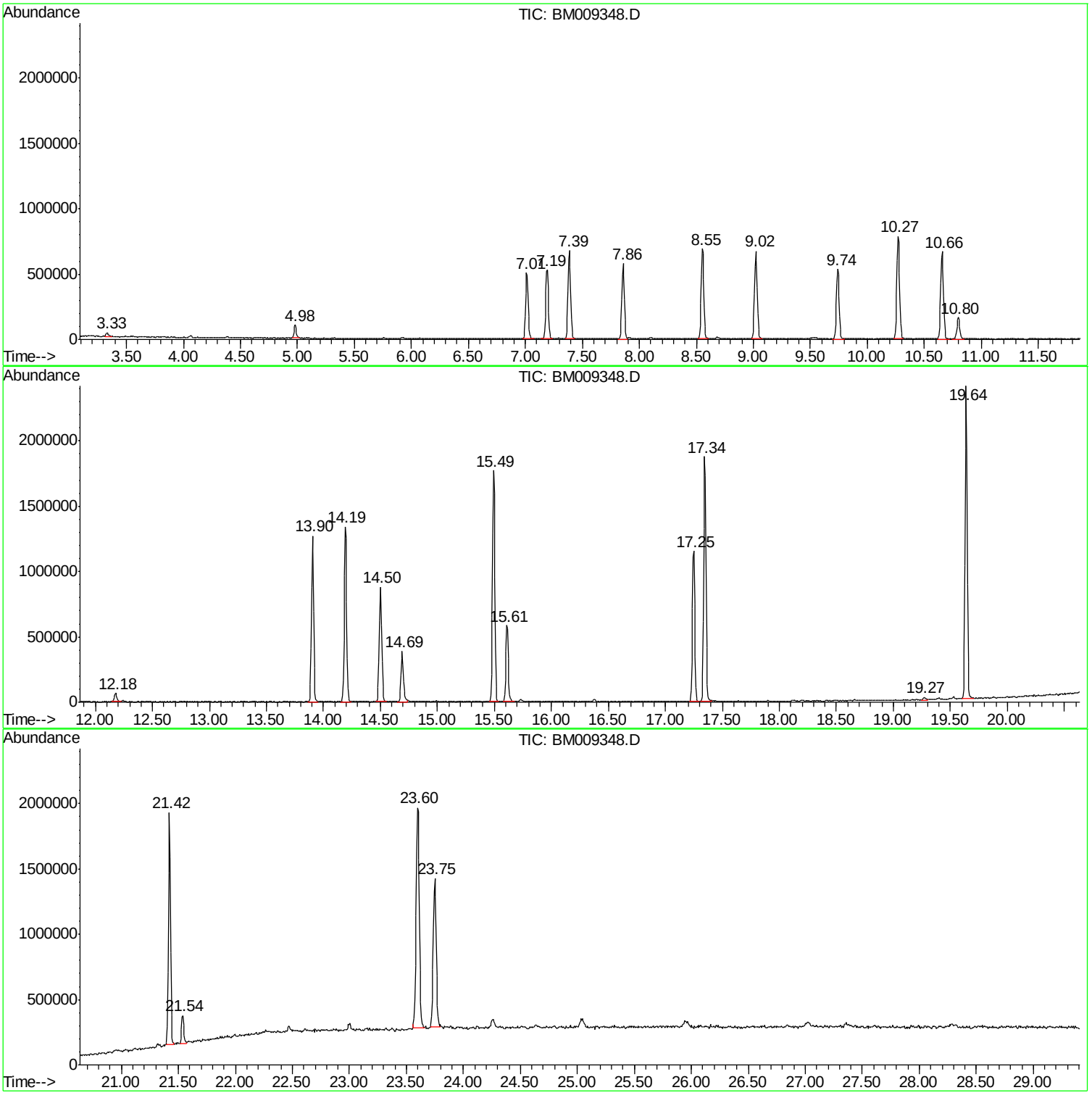
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009348.D
Acq On : 23 Mar 2017 18:50
Operator : SJ/MA
Sample : PB97754BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009348.D
Acq On : 23 Mar 2017 18:50
Operator : SJ/MA
Sample : PB97754BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

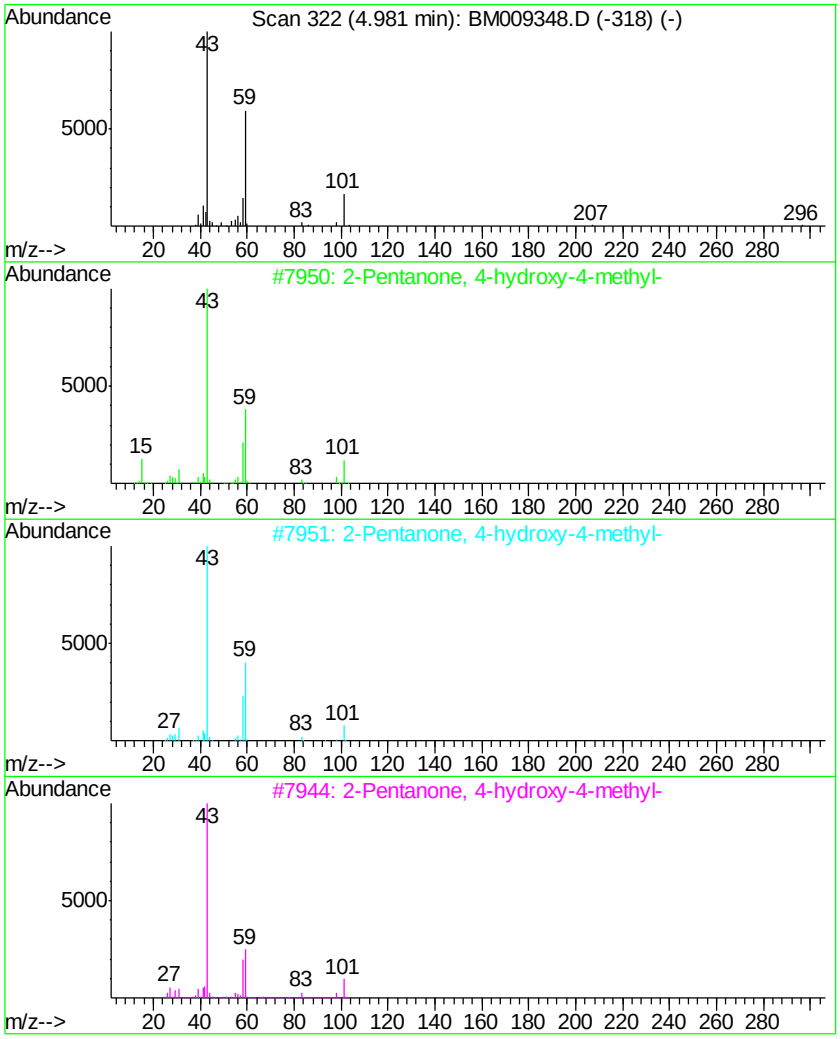
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

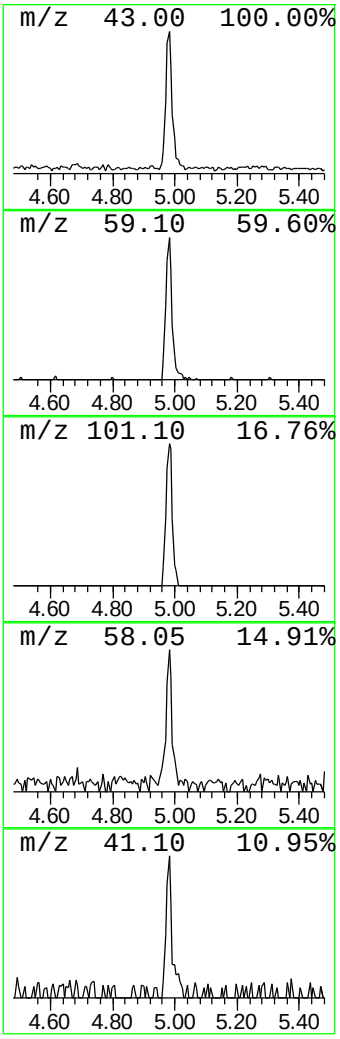
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.99 ng/ul	135327	1,4-Dichlorobenzene-d4	7.86

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	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009348.D
Acq On : 23 Mar 2017 18:50
Operator : SJ/MA
Sample : PB97754BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

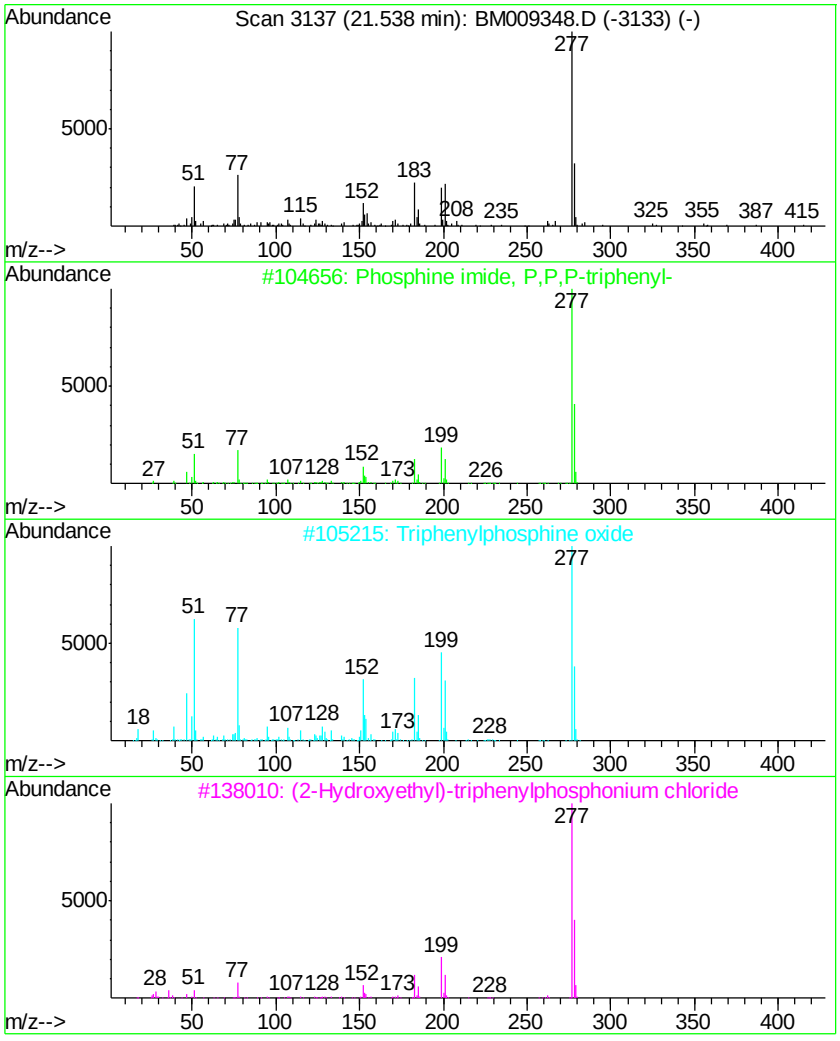
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

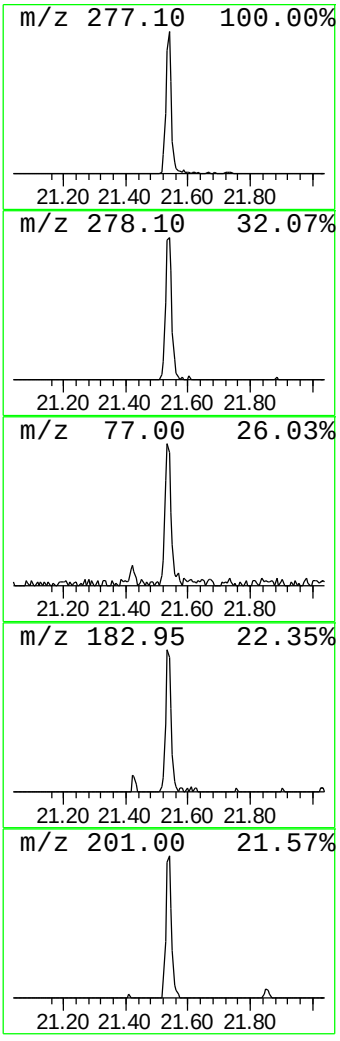
****

Peak Number 2 Phosphine imide, P,P,P-trip... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.59 ng/ul	286203	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine imide, P,P,P-triphenyl-	277	C18H16NP	002240-47-3	93
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
3	(2-Hydroxyethyl)-triphenylphosph...	342	C20H20ClOP	023250-03-5	50
4	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	49
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009348.D
Acq On : 23 Mar 2017 18:50
Operator : SJ/MA
Sample : PB97754BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK54

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
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
2-Pentanone, 4-hy...	4.98	3.0	ng/ul	135327	1	7.86	904882	20.0
Phosphine imide, ...	21.54	2.6	ng/ul	286203	5	21.42	2206490	20.0