LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009369.D
Acq On : 24 Mar 2017 08:32
Operator : SJ/MA
Sample : PB97753BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK53

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	37	42	46	rBV2	38181	56510	1.25%	0.118%
2	4.981	318	322	330	rBV	139871	193859	4.28%	0.405%
3	7.016	662	668	678	rBV	713357	1077352	23.76%	2.249%
4	7.193	692	698	708	rVB	756114	1148592	25.33%	2.398%
5	7.393	725	732	739	rVB	938029	1496415	33.00%	3.124%
6	7.863	805	812	818	rBV	775581	1219171	26.89%	2.545%
7	8.557	924	930	941	rVB	956198	1519551	33.51%	3.172%
8	9.028	1000	1010	1020	rBV	928151	1533767	33.82%	3.202%
9	9.745	1124	1132	1142	rBV	767160	1255297	27.68%	2.620%
10	10.275	1215	1222	1231	rBV	1081984	1800871	39.71%	3.759%
11	10.663	1281	1288	1297	rVB	934760	1581512	34.88%	3.301%
12	10.798	1304	1311	1320	rBV	229723	406085	8.96%	0.848%
13	12.181	1540	1546	1553	rBV	98237	151640	3.34%	0.317%
14	13.910	1833	1840	1849	rVB	1791216	2370131	52.27%	4.947%
15	14.198	1881	1889	1898	rBV	1852077	2744336	60.52%	5.729%
16	14.504	1934	1941	1950	rVB2	1251667	1906396	42.04%	3.979%
17	14.692	1966	1973	1986	rBV	541089	828214	18.26%	1.729%
18	15.498	2103	2110	2119	rVB	2431517	3454200	76.17%	7.210%
19	15.616	2124	2130	2141	rBV	863945	1159922	25.58%	2.421%
20	17.251	2401	2408	2415	rBV	1582891	2227891	49.13%	4.651%
21	17.351	2417	2425	2435	rBV	2560670	3647300	80.43%	7.613%
22	19.274	2747	2752	2758	rBV3	34502	55203	1.22%	0.115%
23	19.551	2792	2799	2803	rVB2	234717	290900	6.42%	0.607%
24	19.639	2808	2814	2825	rBV	3280475	4497391	99.18%	9.388%
25	20.592	2972	2976	2980	rBV2	196116	210586	4.64%	0.440%
26	21.427	3112	3118	3123	rBV	2452832	3032375	66.87%	6.330%
27	21.539	3133	3137	3146	rBV	329463	482314	10.64%	1.007%
28	22.474	3294	3296	3302	rVB6	93520	109702	2.42%	0.229%
29	23.603	3481	3488	3496	rVB	2321954	4534644	100.00%	9.466%
30	23.750	3507	3513	3523	rVB2	1470482	2914179	64.26%	6.083%

Sum of corrected areas: 47906306

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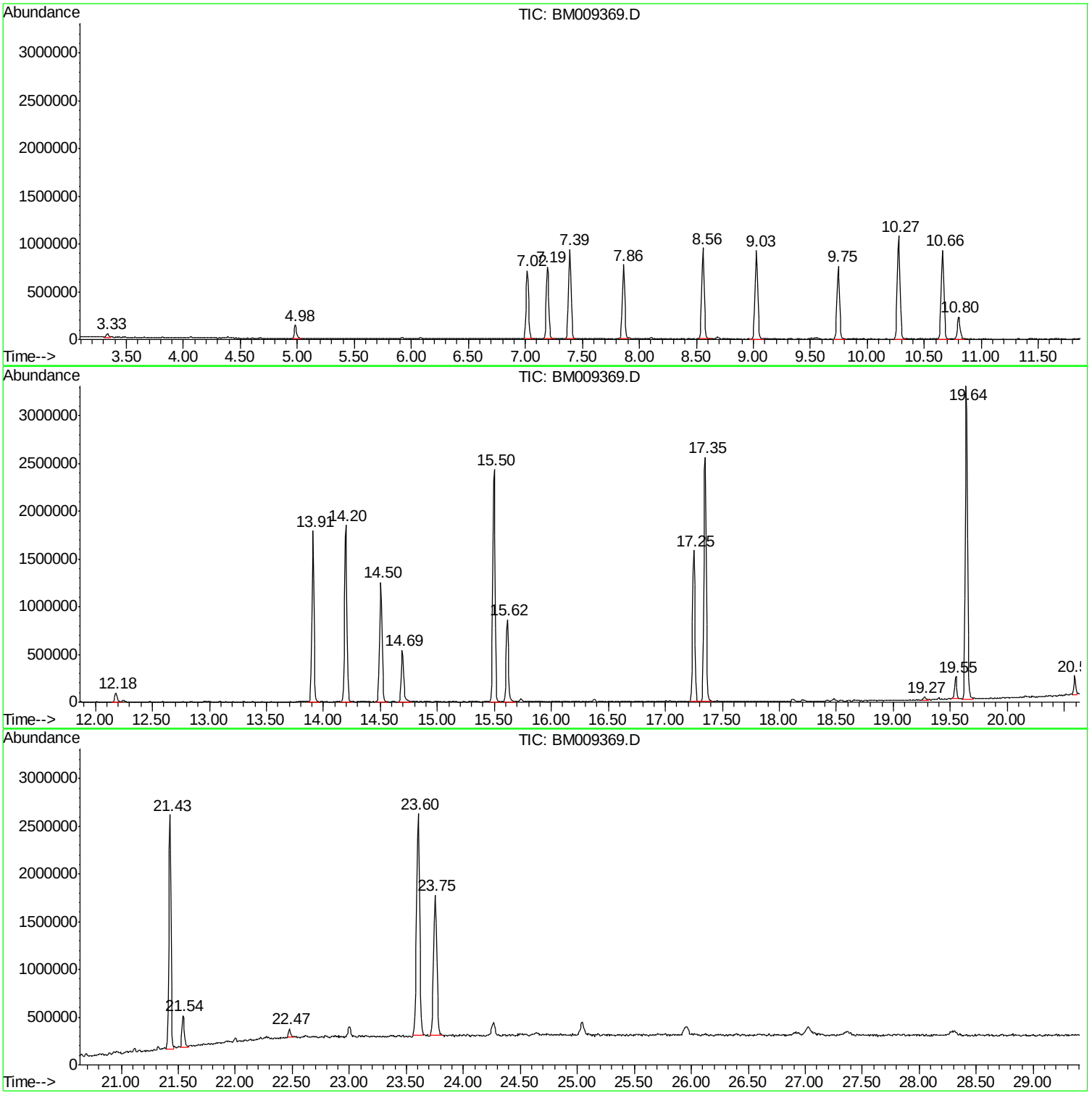
ClientSampleId :
SBLK53

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

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Instrument : BNA_M
ClientSampleId : SBLK53

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

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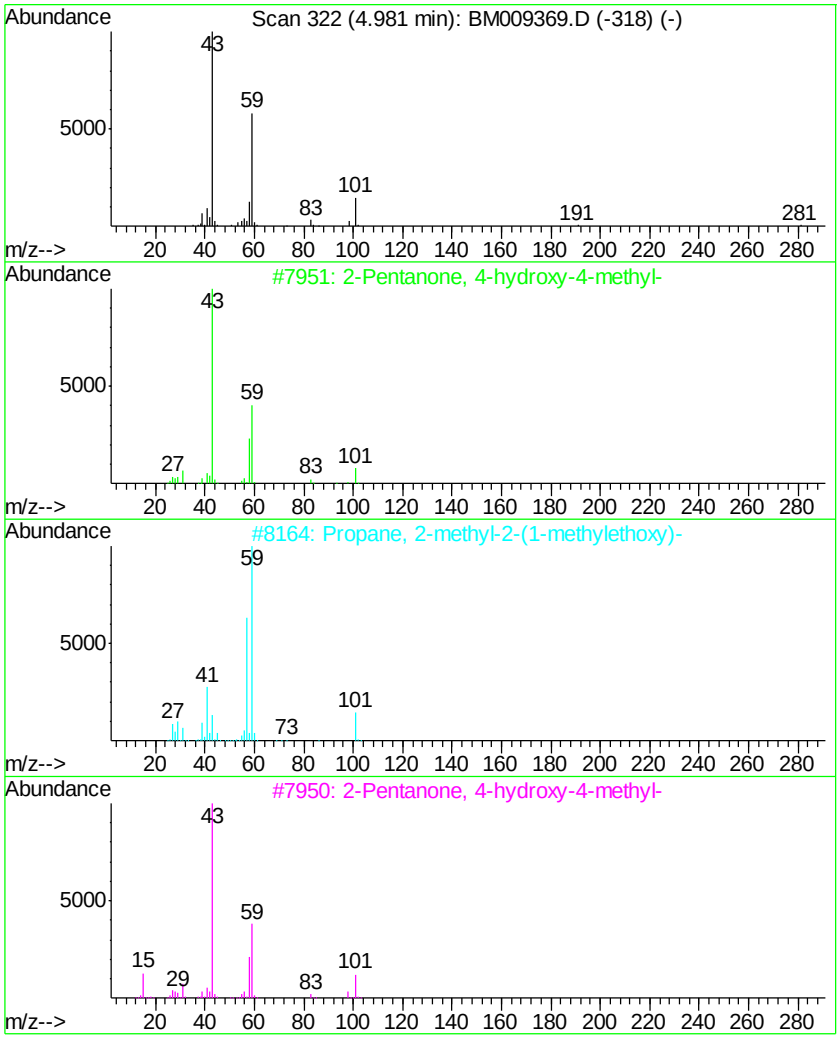
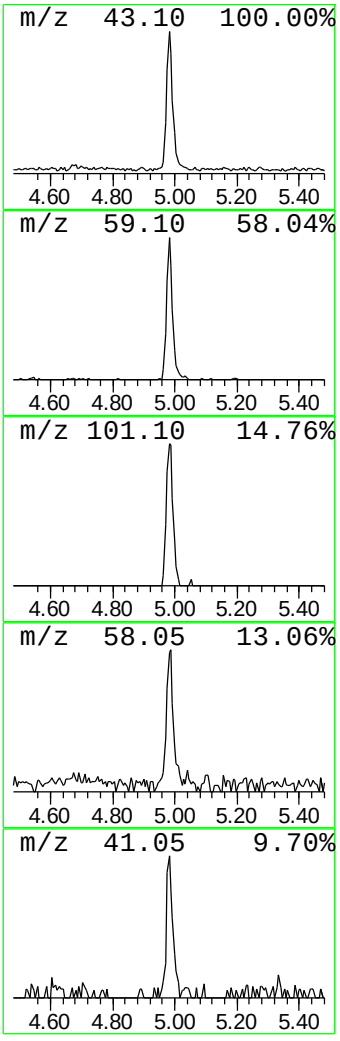
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.18 ng/ul	193859	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	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4	3-Octanol	130	C8H18O	020296-29-1	42
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40





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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

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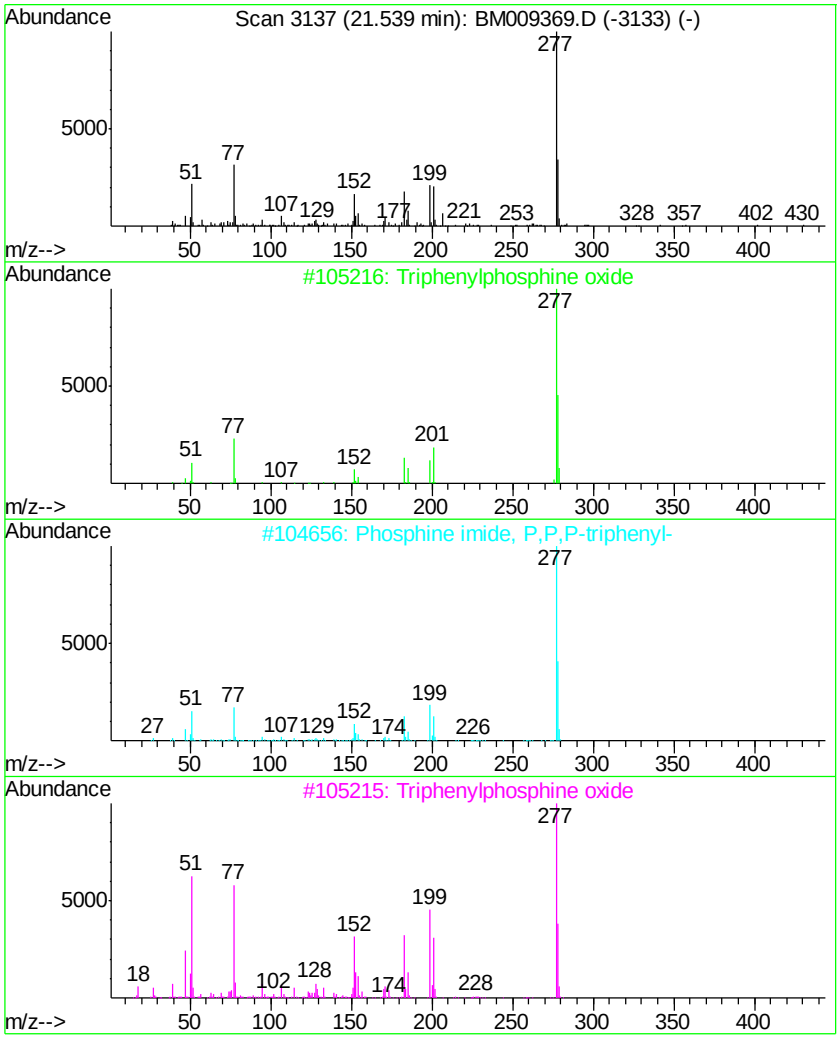
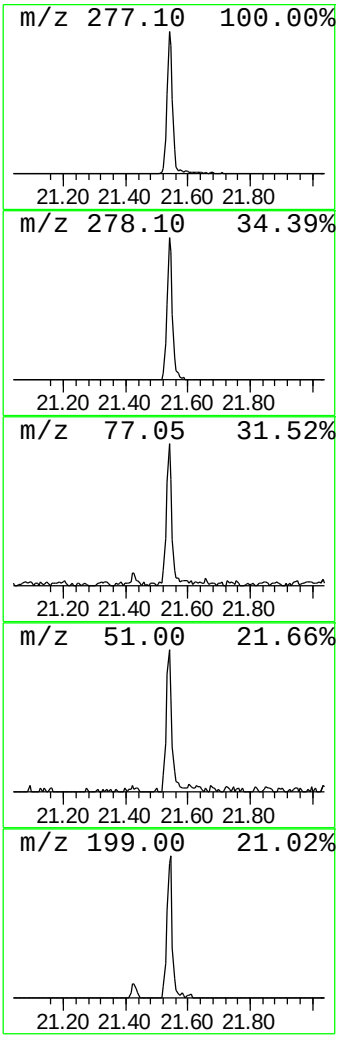
Peak Number 2 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.18 ng/ul	482314	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	87
2	Phosphine imide, P,P,P-triphenyl-	277	C18H16NP	002240-47-3	87
3	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	87
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
5	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	3.2	ng/ul	193859	1	7.86	1219170	20.0
Triphenylphosphin...	21.54	3.2	ng/ul	482314	5	21.43	3032380	20.0