LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

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-BM010617.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	2.928	52	58	85	rVB2	74550158	123926390	100.00%	59.040%
2	10.369	1315	1323	1326	rBV2	720919	1314393	1.06%	0.626%
3	12.922	1742	1757	1771	rBV	785046	3469862	2.80%	1.653%
4	13.992	1933	1939	1945	rBV	1324562	1787811	1.44%	0.852%
5	14.280	1981	1988	1995	rVB	1313493	1917480	1.55%	0.914%
6	14.586	2033	2040	2045	rBV	931075	1328126	1.07%	0.633%
7	15.398	2172	2178	2184	rVB	1110173	1396890	1.13%	0.665%
8	15.574	2201	2208	2213	rBV	1633831	2382182	1.92%	1.135%
9	15.633	2213	2218	2222	rVV	912840	1302285	1.05%	0.620%
10	16.627	2375	2387	2391	rBV	1148661	2005551	1.62%	0.955%
11	16.863	2413	2427	2431	rBV	336960	1276382	1.03%	0.608%
12	16.968	2441	2445	2453	rVB2	1618366	2316169	1.87%	1.103%
13	17.074	2453	2463	2468	rBV	2205350	3609309	2.91%	1.720%
14	17.327	2499	2506	2514	rBV	1366361	1907059	1.54%	0.909%
15	17.427	2517	2523	2526	rVV	2153415	3105512	2.51%	1.479%
16	17.457	2526	2528	2539	rVB	1035861	1421806	1.15%	0.677%
17	19.709	2904	2911	2914	rBV	2759086	4036891	3.26%	1.923%
18	19.739	2914	2916	2922	rVB	1704028	1917585	1.55%	0.914%
19	20.627	3062	3067	3072	rBV	3430961	3653369	2.95%	1.740%
20	20.992	3121	3129	3134	rBV	1911281	3732154	3.01%	1.778%
21	21.056	3134	3140	3149	rVB	1050293	2169748	1.75%	1.034%
22	21.392	3193	3197	3202	rBV	3305313	3418759	2.76%	1.629%
23	21.486	3206	3213	3217	rVV2	2481665	5056429	4.08%	2.409%
24	21.527	3217	3220	3225	rVB	2045268	2481969	2.00%	1.182%
25	21.668	3237	3244	3249	rBV2	1615473	3446012	2.78%	1.642%
26	21.727	3249	3254	3262	rVB	1022065	2052716	1.66%	0.978%
27	21.845	3267	3274	3282	rBV	900570	1818255	1.47%	0.866%
28	23.139	3486	3494	3498	rBV	2100798	3877387	3.13%	1.847%
29	23.186	3498	3502	3509	rVB	1281660	2098764	1.69%	1.000%
30	23.703	3584	3590	3595	rBV	1830941	3680545	2.97%	1.753%
31	23.750	3595	3598	3606	rVB	1075440	1816271	1.47%	0.865%
32	23.856	3609	3616	3623	rVB2	1118844	2225415	1.80%	1.060%
33	24.509	3716	3727	3729	rBV	903153	2811844	2.27%	1.340%
34	26.280	4018	4028	4042	rVB3	1612018	5142349	4.15%	2.450%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

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-BM010617.M
Title : SVOA CALIBRATION

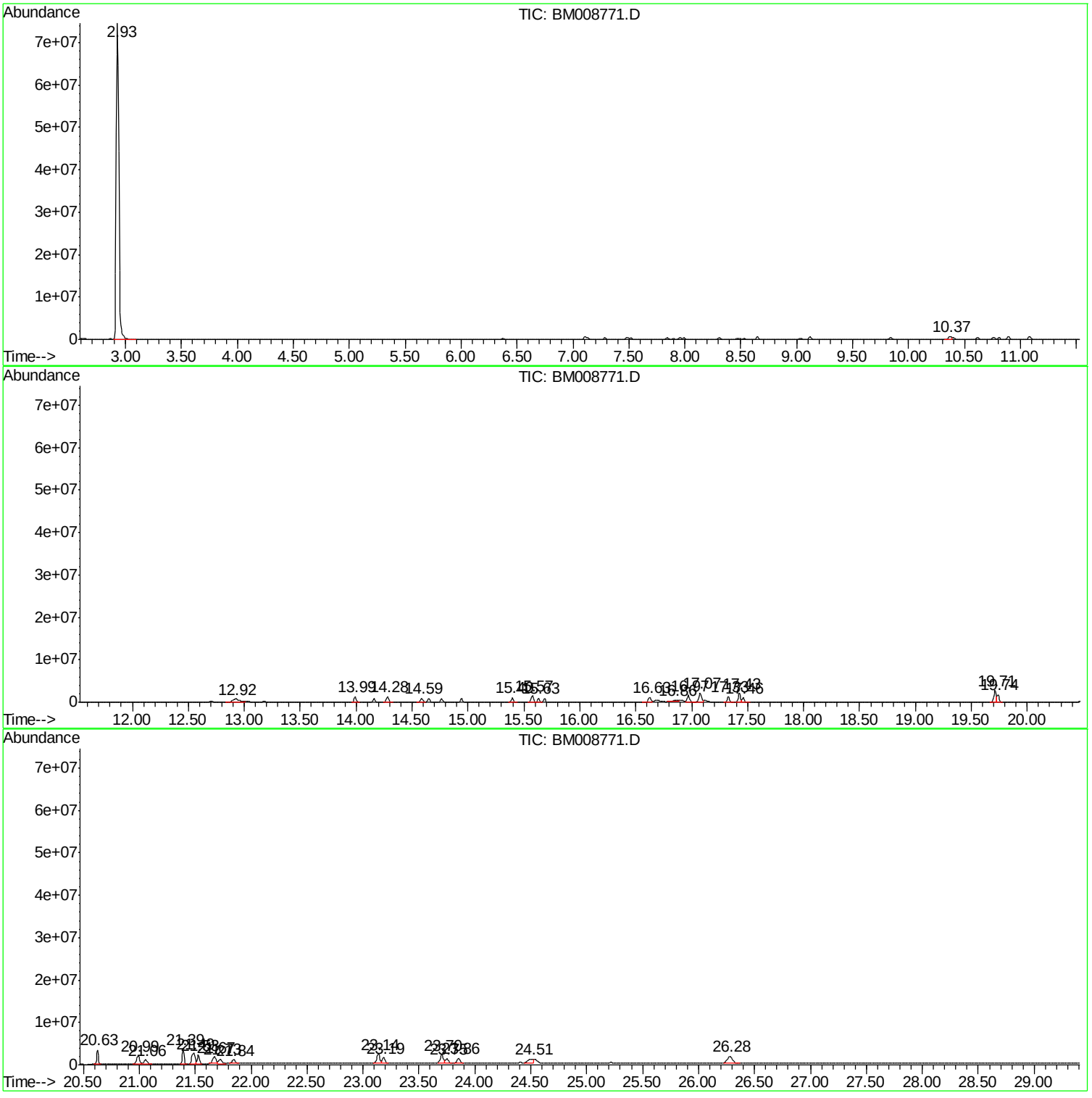
Sum of corrected areas: 209903669

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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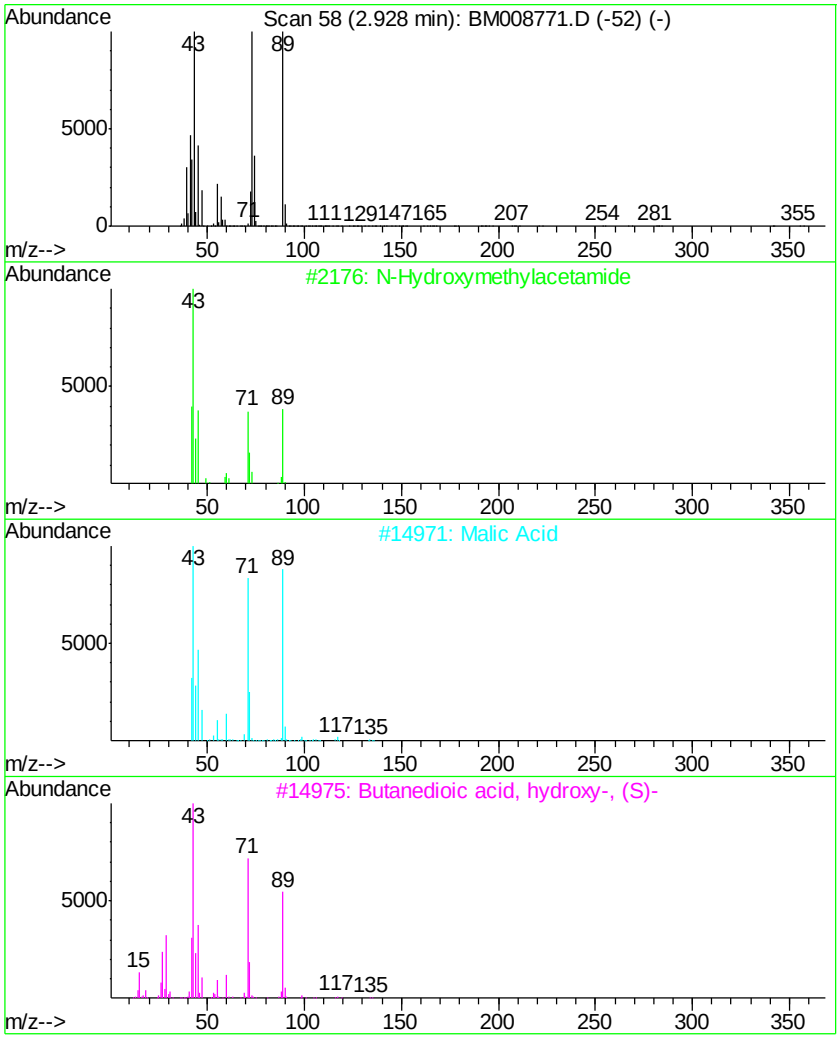
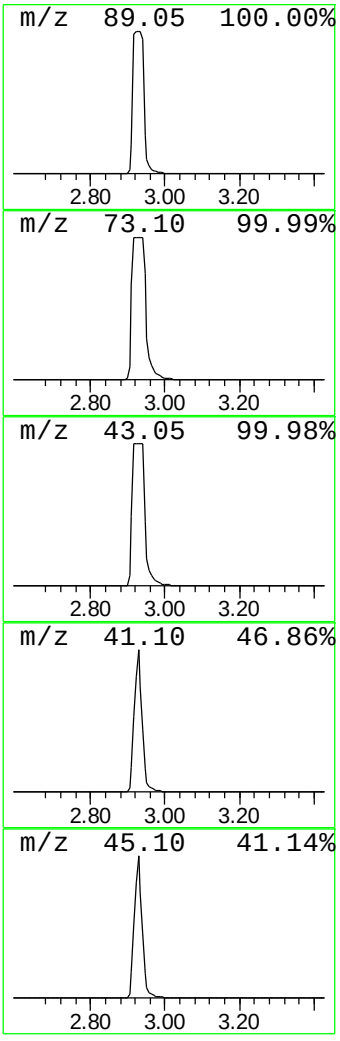
Peak Number 1 N-Hydroxymethylacetamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	1885.68 ng/ul	123926000	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	64
2	Malic Acid	134	C4H6O5	006915-15-7	56
3	Butanedioic acid, hydroxy-, (S)-	134	C4H6O5	000097-67-6	56
4	Malic Acid	134	C4H6O5	006915-15-7	56
5	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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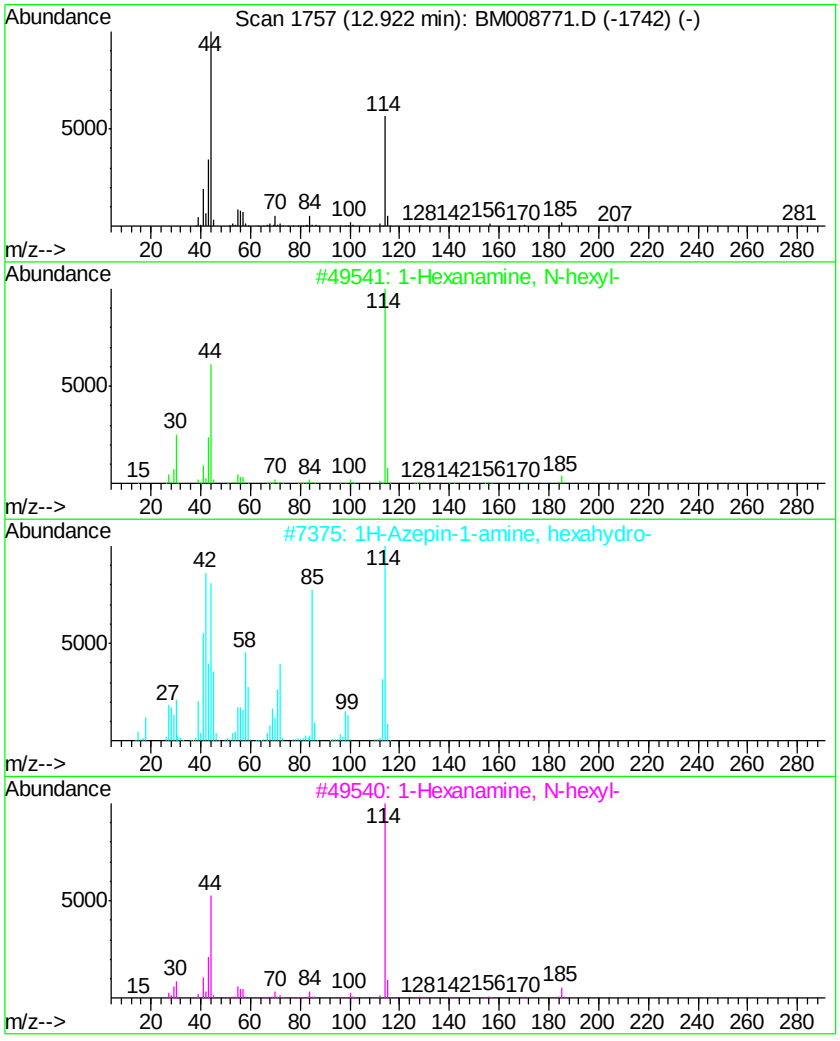
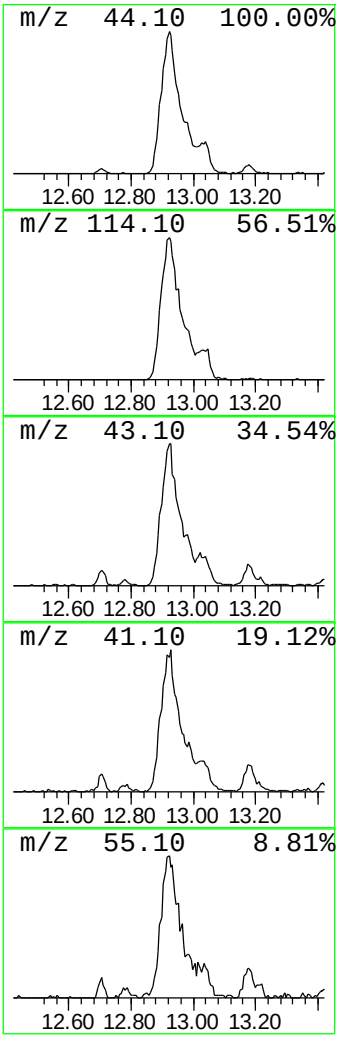
Peak Number 2 1-Hexanamine, N-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	52.25 ng/ul	3469860	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	78
2	1H-Azepin-1-amine, hexahydro-	114	C6H14N2	005906-35-4	50
3	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	47
4	Cyclobutanol	72	C4H8O	002919-23-5	43
5	Butanoic acid, 2-hexylimino-	185	C10H19NO2	1000258-67-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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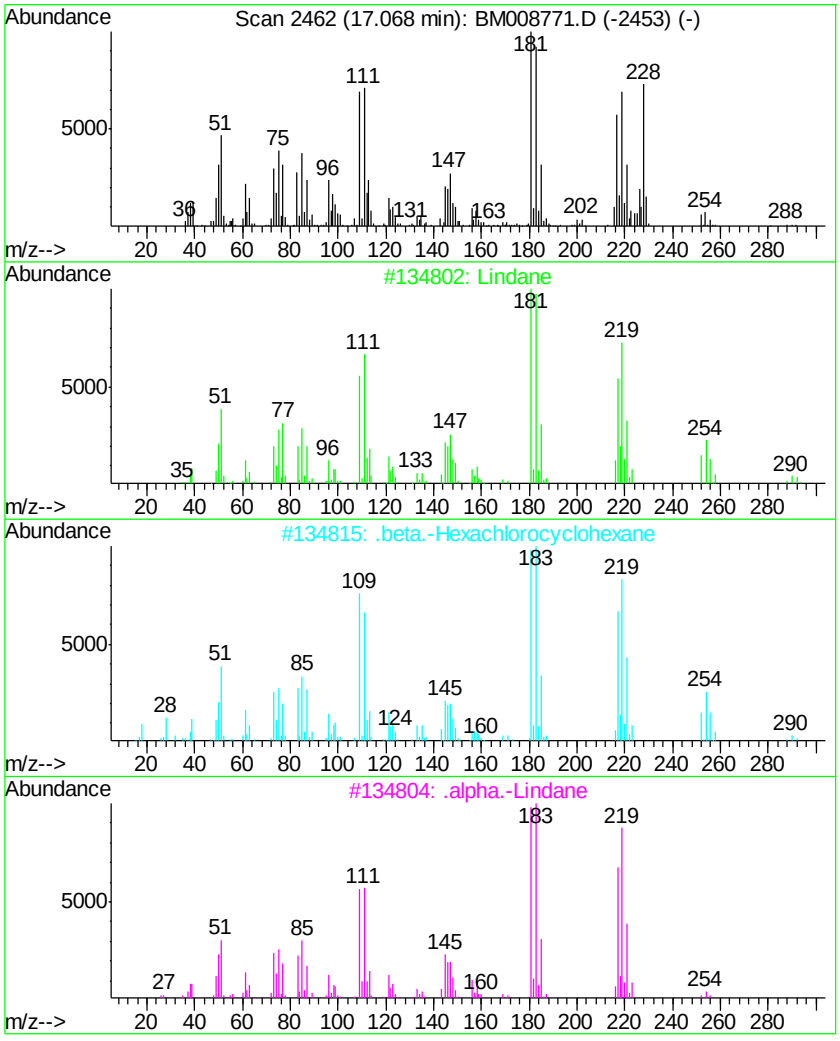
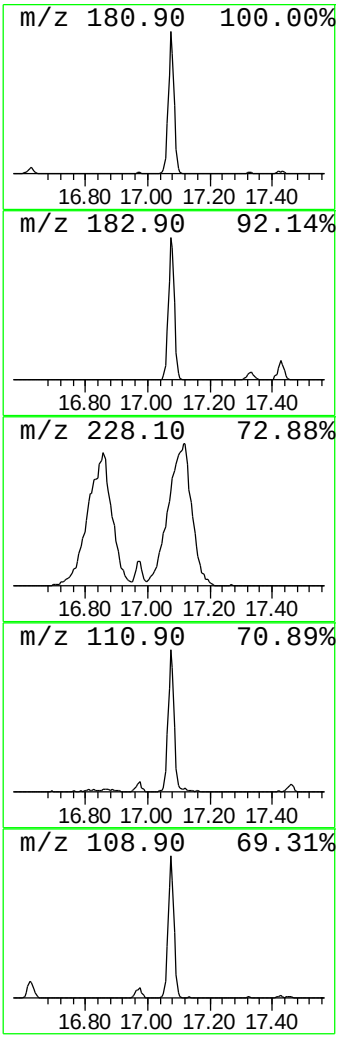
Peak Number 4 Lindane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	37.85 ng/ul	3609310	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lindane	288	C6H6Cl6	000058-89-9	93
2	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	91
3	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	90
4	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	90
5	Lindane	288	C6H6Cl6	000058-89-9	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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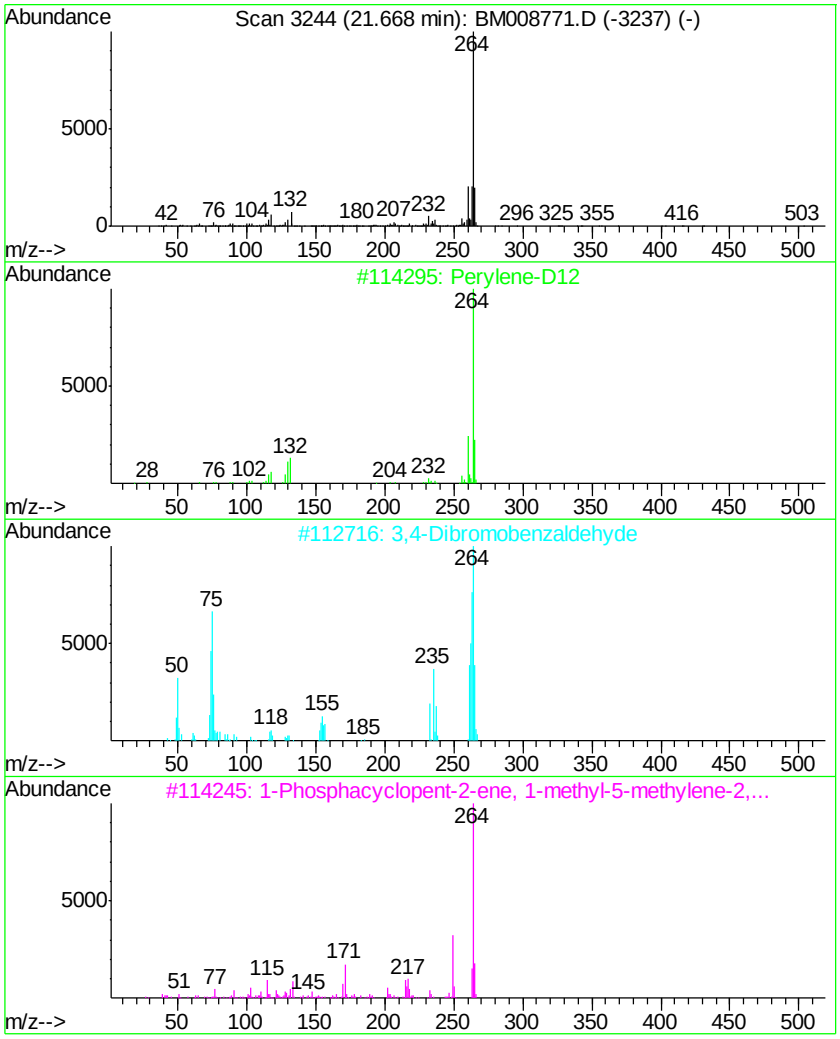
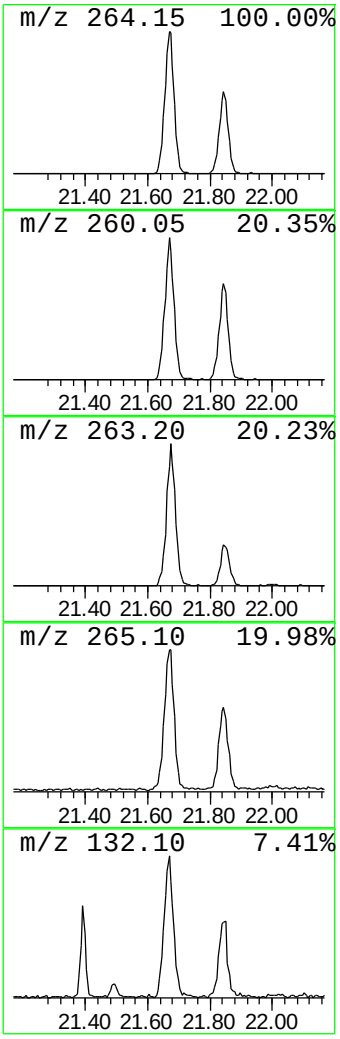
Peak Number 7 3,4-Dibromobenzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	13.63 ng/ul	3446010	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene-D12	264	C20D12	001520-96-3	91
2	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
3	1-Phosphacyclopent-2-ene, 1-meth...	264	C18H17P	1000161-67-7	59
4	Pyrazolo[1,5-a]pyrimidin-7-amine...	264	C14H12N6	1000276-36-9	52
5	5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	50





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Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

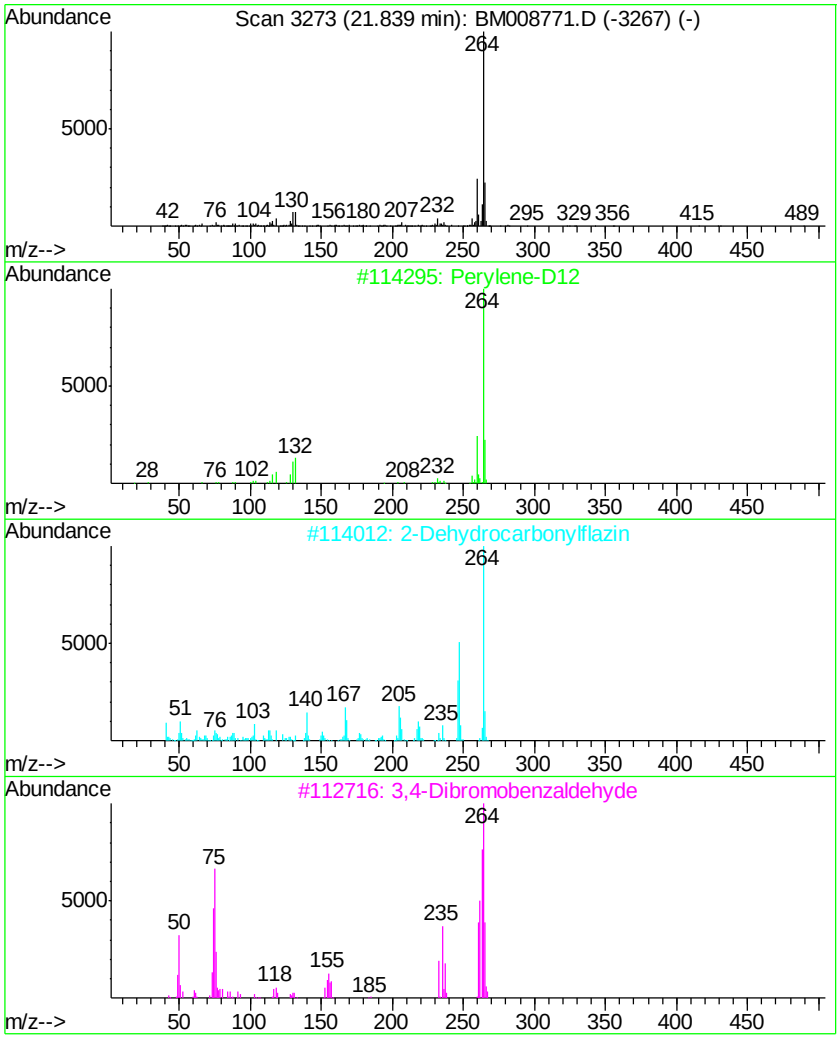
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

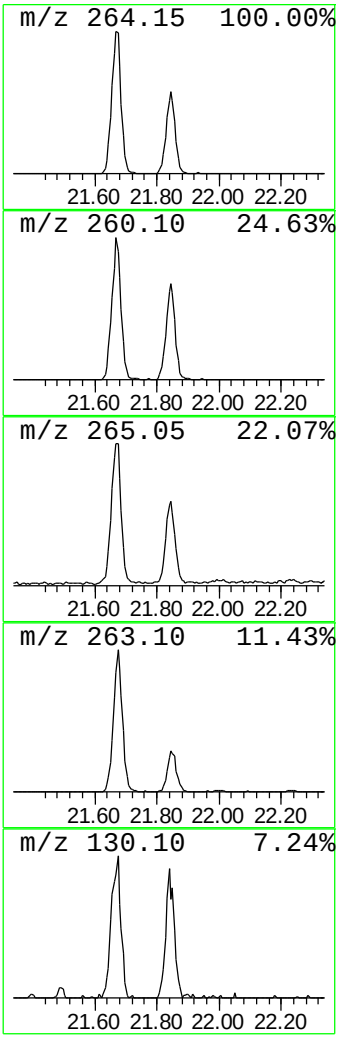
****

Peak Number 9 2-Dehydrocarbonylflazin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	7.19 ng/ul	1818260	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene-D12	264	C20D12	001520-96-3	94
2	2-Dehydrocarbonylflazin	264	C16H12N2O2	029700-20-7	64
3	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
4	Benzamide, N-[(1,5-dimethyl-1H-p...	264	C14H14F2N2O	1000337-83-3	53
5	Indole, 5-(4-nitrostyryl)-	264	C16H12N2O2	1000151-40-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008771.D
Acq On : 21 Jan 2017 14:28
Operator : UM/SJ
Sample : I1323-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.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
N-Hydroxymethylac...	2.93	1885.7	ng/ul	123926000	1	7.96	1314390	20.0
1-Hexanamine, N-h...	12.92	52.3	ng/ul	3469860	3	14.59	1328130	20.0
Lindane	17.07	37.9	ng/ul	3609310	4	17.33	1907060	20.0
3,4-Dibromobenzal...	21.67	13.6	ng/ul	3446010	5	21.49	5056430	20.0
2-Dehydrocarbonyl...	21.84	7.2	ng/ul	1818260	5	21.49	5056430	20.0