LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005569.D
Acq On : 22 May 2016 02:25
Operator : UM/SJ
Sample : H2890-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT7

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-BM052016.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	2.652	7	11	16	rVB2	46773	71424	4.29%	0.422%
2	2.975	61	66	69	rBV2	33939	52667	3.16%	0.311%
3	6.981	741	747	757	rBV	307981	517582	31.09%	3.056%
4	7.152	768	776	784	rBV	221945	351248	21.10%	2.074%
5	7.351	804	810	818	rBV	311002	502480	30.18%	2.967%
6	7.822	881	890	898	rBV	515885	832929	50.03%	4.918%
7	8.516	1002	1008	1017	rBV	367261	612310	36.78%	3.615%
8	8.728	1037	1044	1058	rBV2	34607	167863	10.08%	0.991%
9	8.975	1079	1086	1094	rVB	276436	462758	27.79%	2.732%
10	9.693	1201	1208	1216	rBV	236525	394347	23.68%	2.328%
11	10.228	1292	1299	1308	rVB	407354	672398	40.38%	3.970%
12	10.610	1357	1364	1375	rVB	676007	1174707	70.55%	6.936%
13	10.745	1378	1387	1392	rBV	209068	403443	24.23%	2.382%
14	10.787	1392	1394	1400	rVB	48989	66979	4.02%	0.395%
15	10.975	1420	1426	1432	rVB	28537	61725	3.71%	0.364%
16	12.204	1628	1635	1642	rBV2	54470	137839	8.28%	0.814%
17	13.286	1813	1819	1825	rBV	230470	340861	20.47%	2.013%
18	13.398	1833	1838	1846	rVB3	32949	58974	3.54%	0.348%
19	13.863	1908	1917	1921	rBV	672139	978796	58.79%	5.779%
20	13.910	1921	1925	1930	rVB	215597	298960	17.96%	1.765%
21	14.145	1959	1965	1974	rVB	788885	1173620	70.49%	6.930%
22	14.451	2010	2017	2027	rVB2	953615	1579630	94.87%	9.327%
23	14.639	2043	2049	2060	rBV	324834	521039	31.29%	3.076%
24	15.304	2158	2162	2167	rBV2	46309	64091	3.85%	0.378%
25	15.445	2180	2186	2192	rBV	1040283	1506753	90.50%	8.897%
26	15.557	2200	2205	2211	rBV	234221	334018	20.06%	1.972%
27	16.163	2305	2308	2311	rBV	45698	65275	3.92%	0.385%
28	16.604	2378	2383	2389	rBV	249583	402803	24.19%	2.378%
29	17.192	2478	2483	2491	rBV2	1088394	1665012	100.00%	9.831%
30	17.292	2495	2500	2507	rVV2	983564	1463850	87.92%	8.643%

Sum of corrected areas: 16936381

LSC Report - Integrated Chromatogram

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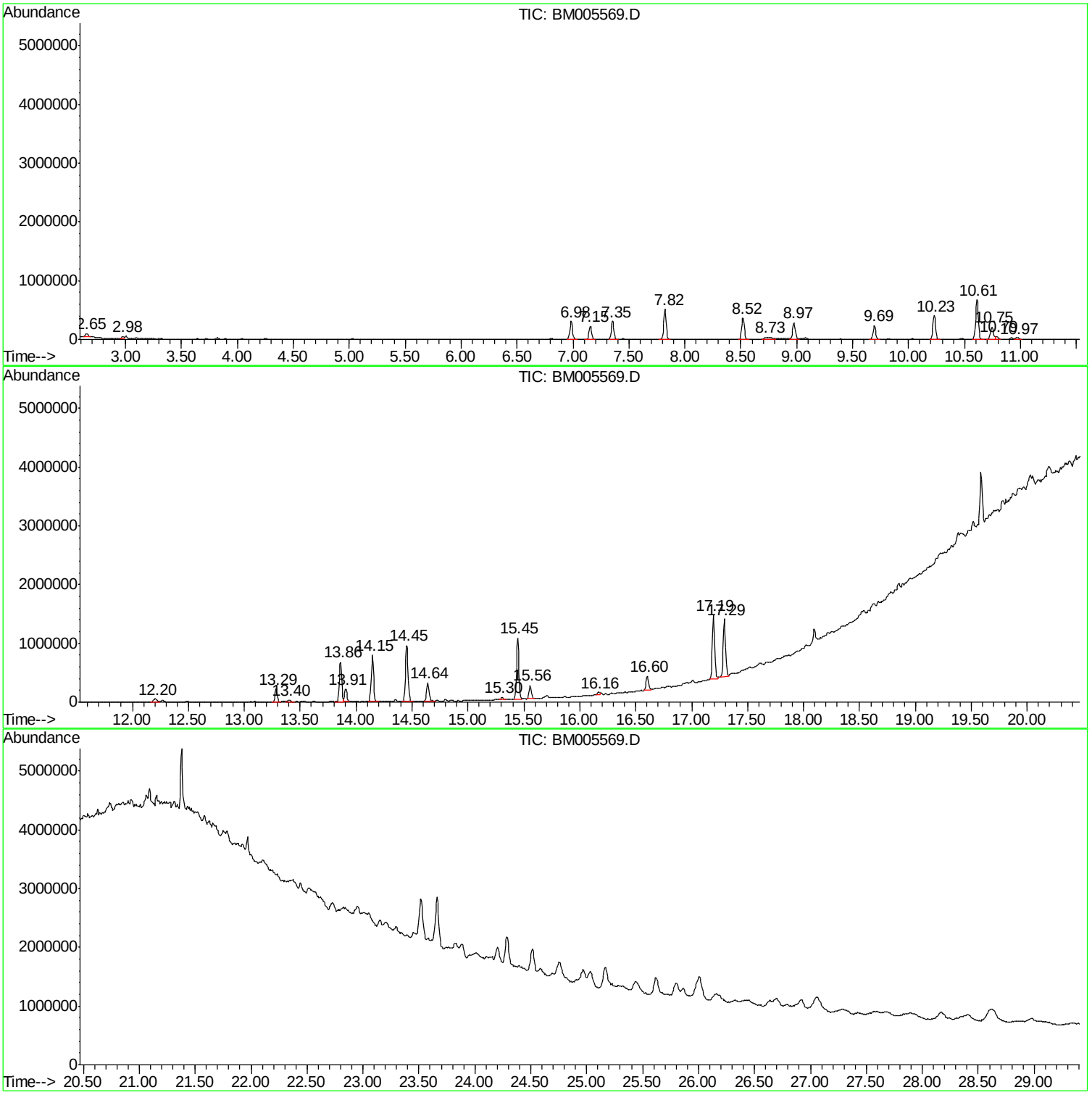
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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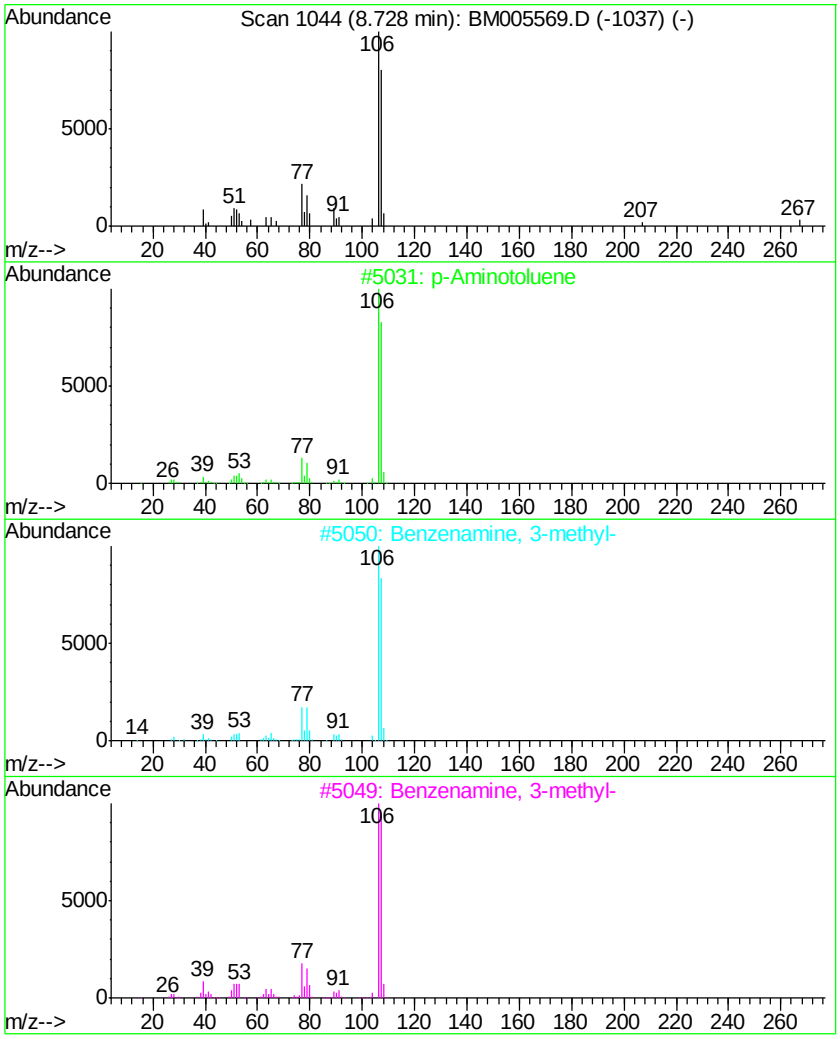
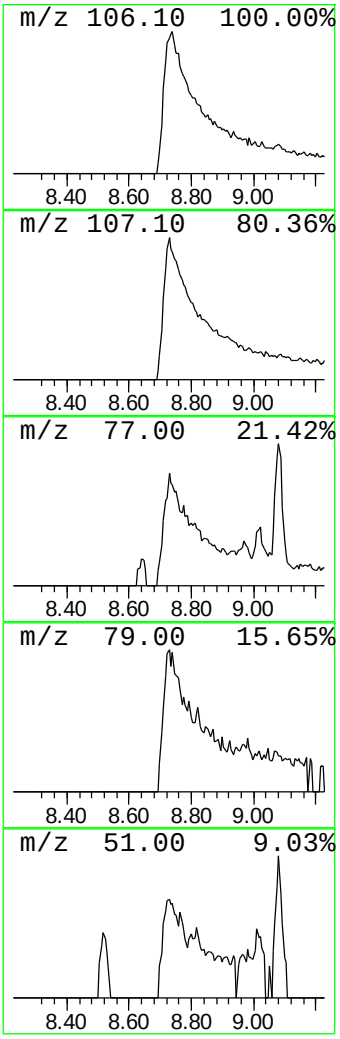
Peak Number 1 p-Aminotoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.03 ng/ul	167863	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Aminotoluene	107	C7H9N	000106-49-0	91
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
4	o-Toluidine	107	C7H9N	000095-53-4	90
5	o-Toluidine	107	C7H9N	000095-53-4	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : D9WT7

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Quant Title : SVOA CALIBRATION

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

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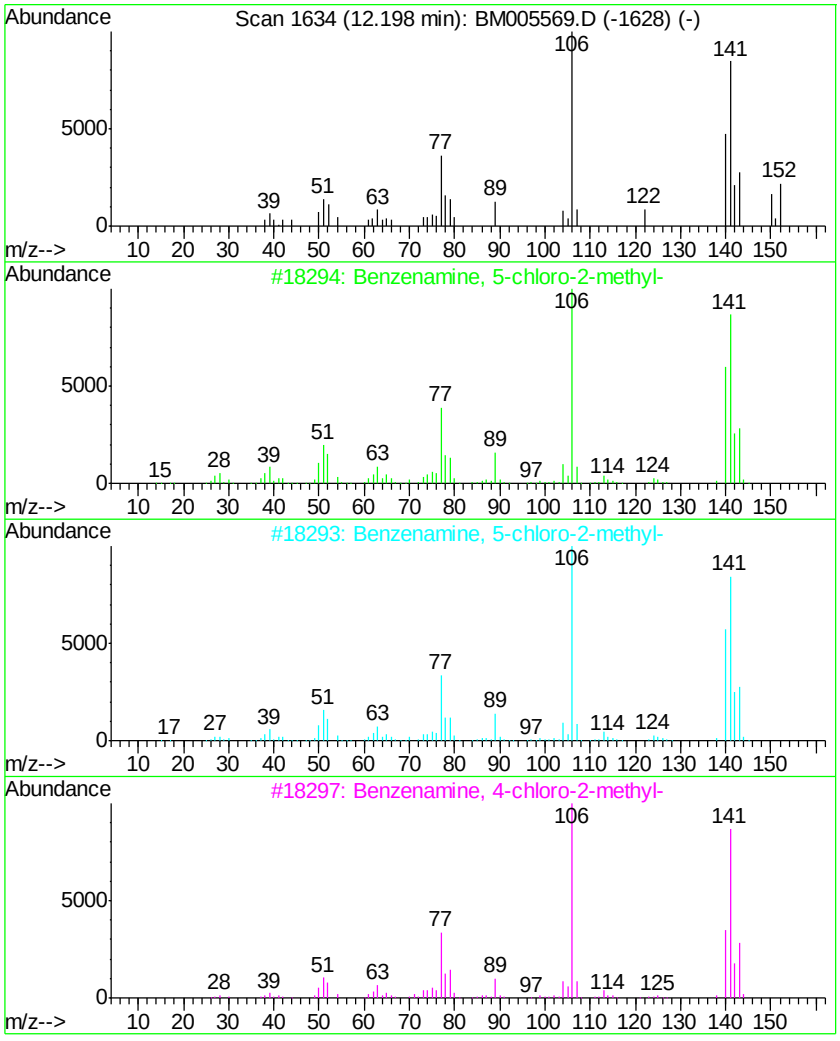
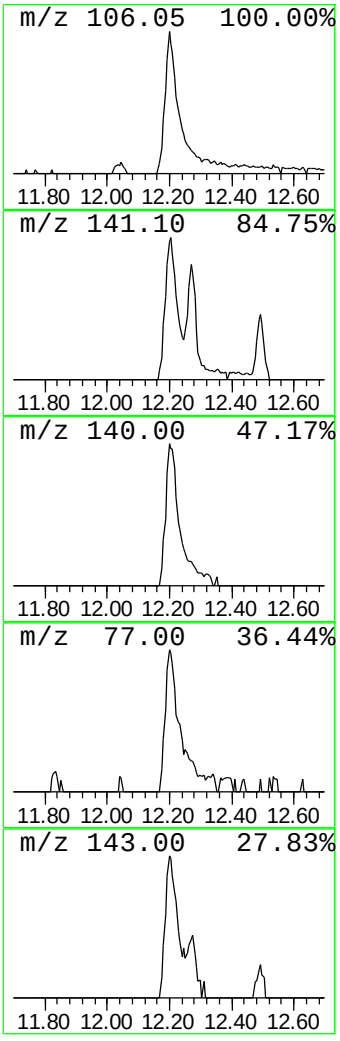
Peak Number 2 Benzenamine, 5-chloro-2-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.35 ng/ul	137839	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	97
2	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	96
3	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	96
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
5	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93





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Quant Title : SVOA CALIBRATION

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

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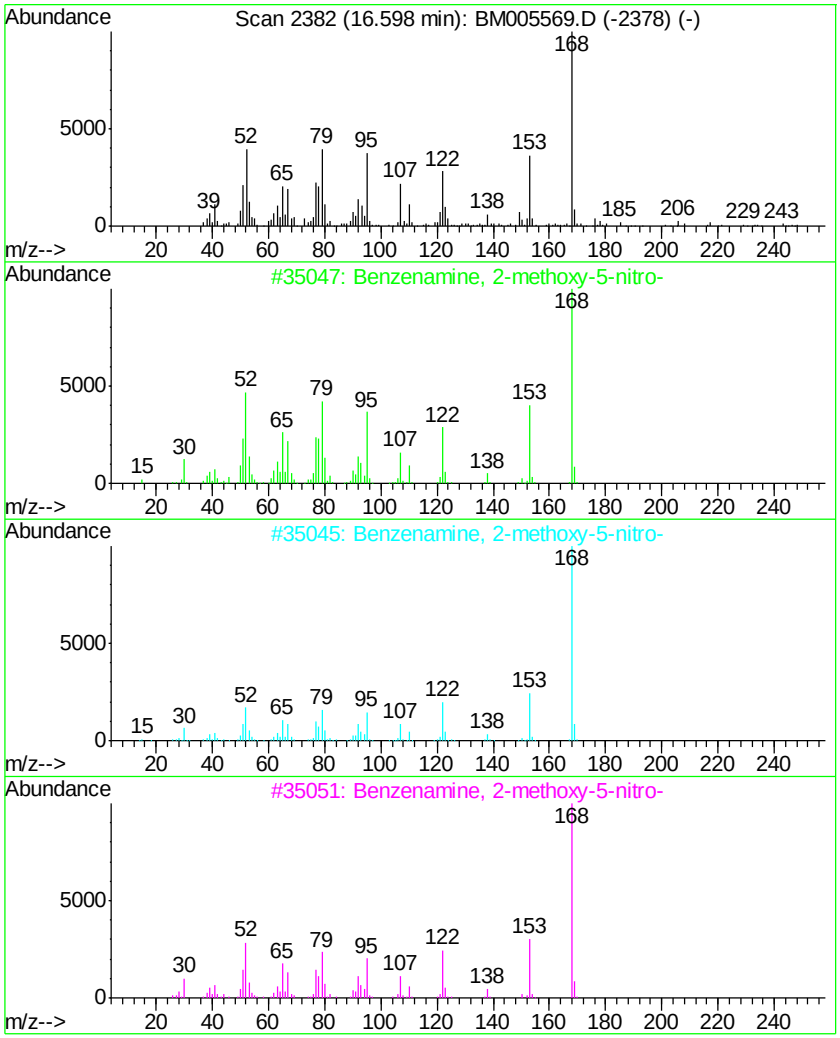
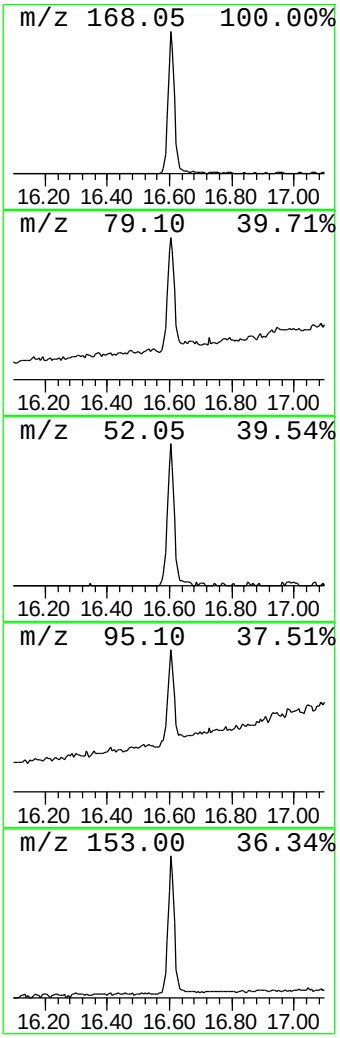
Peak Number 3 Benzenamine, 2-methoxy-5-ni... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.84 ng/ul	402803	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	98
2	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	95
3	Benzenamine, 2-methoxy-5-nitro-	168	C7H8N2O3	000099-59-2	95
4	Benzenamine, 2-methoxy-4-nitro-	168	C7H8N2O3	000097-52-9	93
5	Benzenamine, 4-methoxy-2-nitro-	168	C7H8N2O3	000096-96-8	86





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
p-Aminotoluene	8.73	4.0	ng/ul	167863	1	7.82	832929	20.0
Benzenamine, 5-ch...	12.20	2.4	ng/ul	137839	2	10.61	1174710	20.0
Benzenamine, 2-me...	16.60	4.8	ng/ul	402803	4	17.19	1665010	20.0