

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
 Data File : BM007154.D
 Acq On : 16 Aug 2016 22:40
 Operator : UM/SJ
 Sample : H4436-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA220

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BM081116.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	2.852	40	45	54	rVB	37321	71442	1.03%	0.110%
2	6.975	739	746	753	rBV	265249	447146	6.47%	0.687%
3	7.139	767	774	781	rBV	746650	1187737	17.17%	1.824%
4	7.339	801	808	817	rBV	900426	1442781	20.86%	2.215%
5	7.810	878	888	897	rBV	804148	1342150	19.41%	2.061%
6	8.504	992	1006	1015	rBV	718053	1200221	17.35%	1.843%
7	8.957	1072	1083	1095	rBV	955511	1662813	24.04%	2.553%
8	9.675	1198	1205	1215	rBV	808743	1392978	20.14%	2.139%
9	10.210	1288	1296	1306	rBV	1236942	2117653	30.62%	3.251%
10	10.592	1352	1361	1372	rBV	1066781	1836809	26.56%	2.820%
11	10.727	1375	1384	1397	rVV2	79502	198838	2.87%	0.305%
12	11.986	1592	1598	1604	rBV3	67162	114285	1.65%	0.175%
13	12.404	1661	1669	1674	rBV10	41661	112452	1.63%	0.173%
14	12.510	1683	1687	1699	rVB2	72735	165628	2.39%	0.254%
15	13.621	1871	1876	1886	rBV	139166	272391	3.94%	0.418%
16	13.845	1908	1914	1919	rBV	2218077	3167196	45.79%	4.863%
17	13.892	1919	1922	1930	rVB	441939	597066	8.63%	0.917%
18	14.092	1950	1956	1958	rBV	981028	1297671	18.76%	1.992%
19	14.127	1958	1962	1970	rVV	2442390	3752237	54.25%	5.761%
20	14.251	1974	1983	1988	rBV2	75758	164358	2.38%	0.252%
21	14.439	2008	2015	2025	rVB2	1478877	2478154	35.83%	3.805%
22	14.580	2035	2039	2042	rBV	80891	111289	1.61%	0.171%
23	14.633	2043	2048	2053	rVV	218366	342346	4.95%	0.526%
24	14.768	2066	2071	2077	rBV4	73834	122563	1.77%	0.188%
25	14.904	2084	2094	2095	rBV6	63920	172934	2.50%	0.266%
26	14.968	2102	2105	2112	rVB	82002	141156	2.04%	0.217%
27	15.098	2123	2127	2135	rVB5	130020	256784	3.71%	0.394%
28	15.427	2177	2183	2194	rVB	3126173	4636820	67.04%	7.119%
29	15.545	2197	2203	2211	rBV	1009687	1444266	20.88%	2.217%
30	15.668	2221	2224	2233	rVB2	39666	83749	1.21%	0.129%
31	15.951	2269	2272	2279	rVB3	39822	71488	1.03%	0.110%
32	16.586	2377	2380	2388	rVB10	48553	81081	1.17%	0.124%
33	17.139	2470	2474	2476	rBV	62444	95285	1.38%	0.146%
34	17.180	2476	2481	2487	rVV	2019912	2825094	40.85%	4.337%

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35	17.280	2491	2498	2508	rVB2	3331209	4997052	72.25%	7.672%
36	17.668	2559	2564	2579	rBV	813960	1374856	19.88%	2.111%
37	18.080	2629	2634	2642	rBV	650399	1042602	15.07%	1.601%
38	19.209	2823	2826	2829	rBV3	85775	108958	1.58%	0.167%
39	19.356	2847	2851	2860	rBV	876305	1370856	19.82%	2.105%
40	19.568	2882	2887	2893	rVB	4300468	5953572	86.08%	9.140%
41	21.074	3140	3143	3150	rVB	159131	208961	3.02%	0.321%
42	21.356	3186	3191	3198	rBV	2925215	3775573	54.59%	5.797%
43	23.491	3546	3554	3566	rVB2	3500408	6916319	100.00%	10.619%
44	23.633	3571	3578	3590	rVB	2050511	3978450	57.52%	6.108%

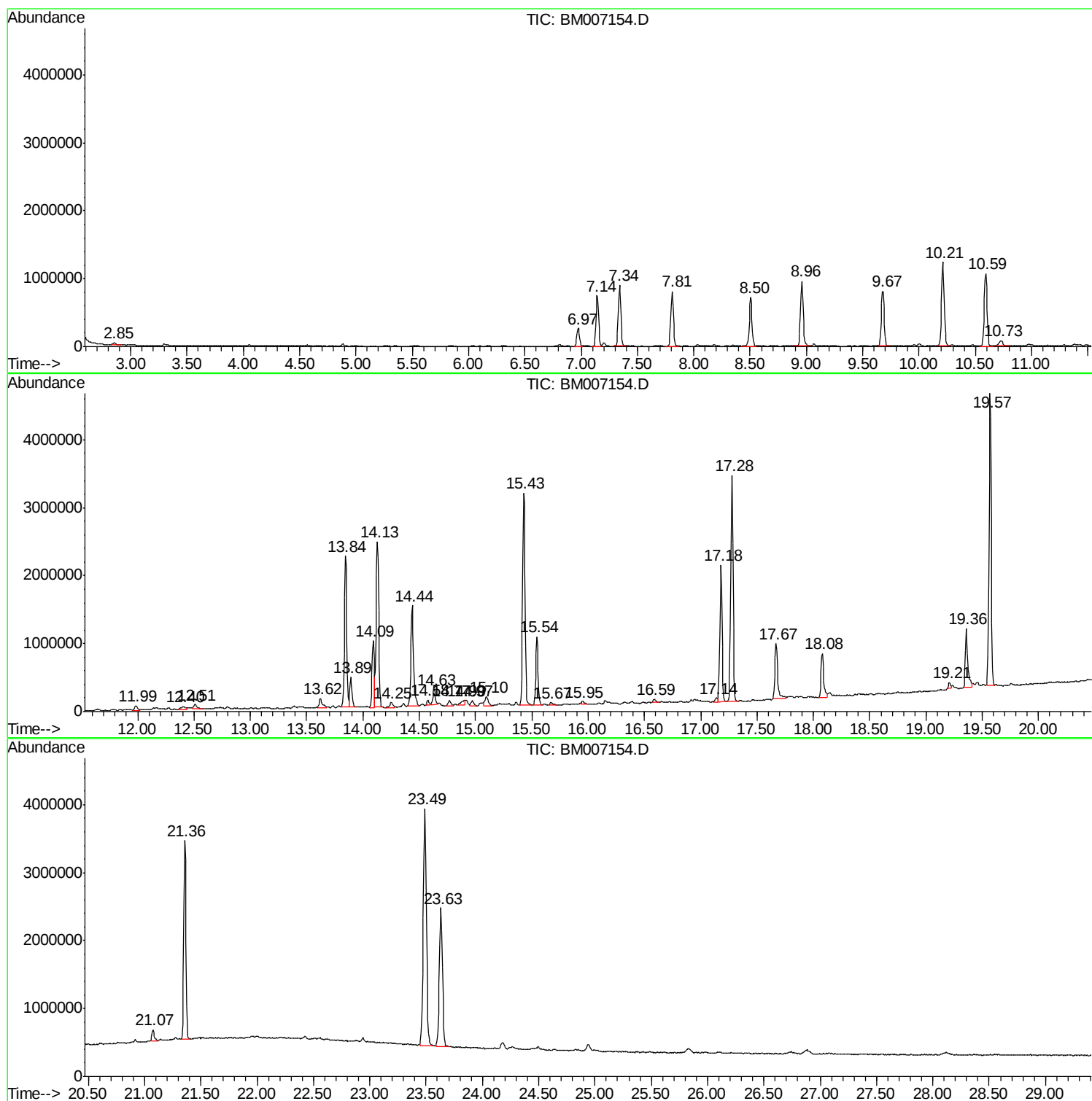
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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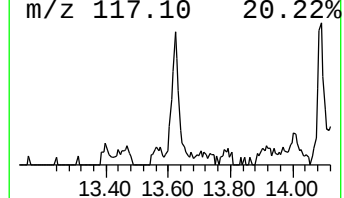
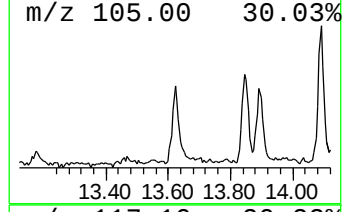
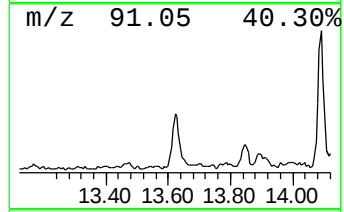
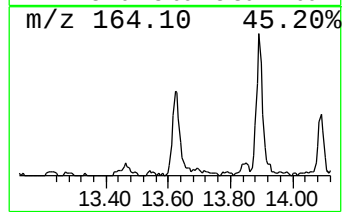
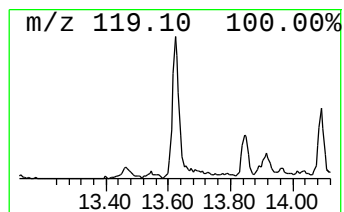
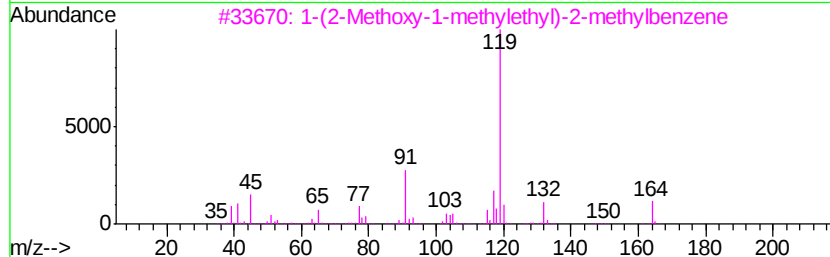
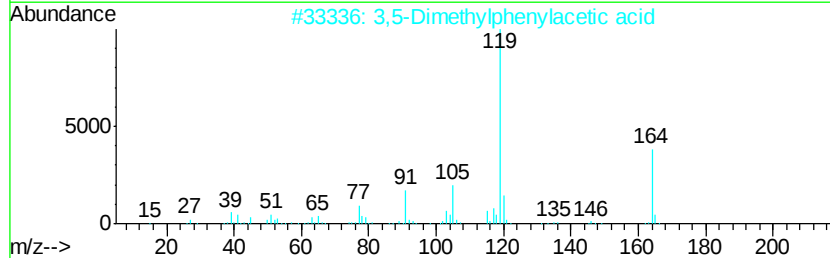
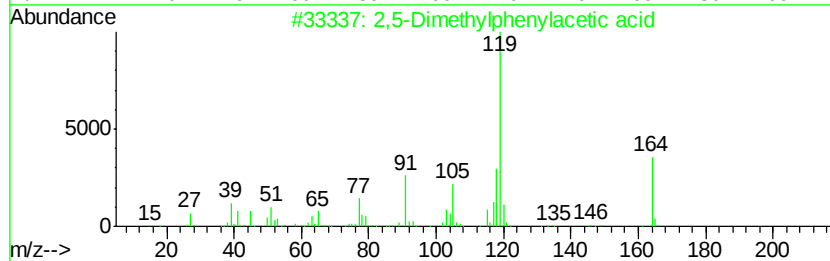
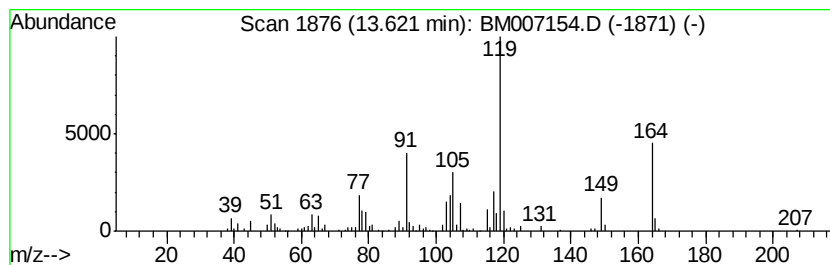
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,5-Dimethylphenylacetic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.20 ng/ul	272391	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	74
2		3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	68
3		1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	59
4		Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	47
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46



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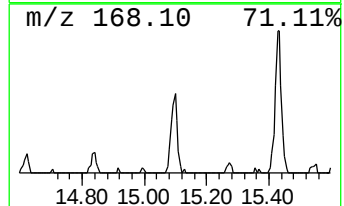
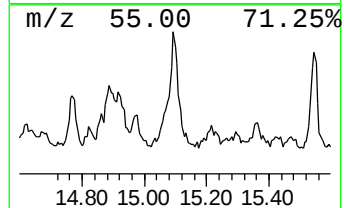
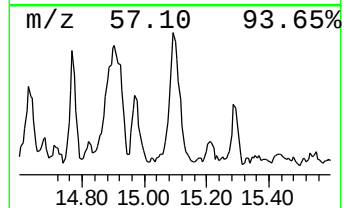
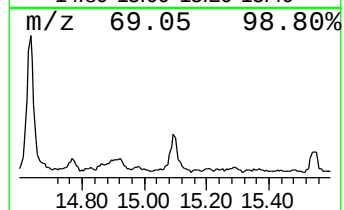
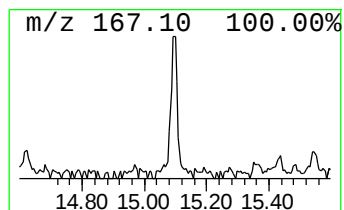
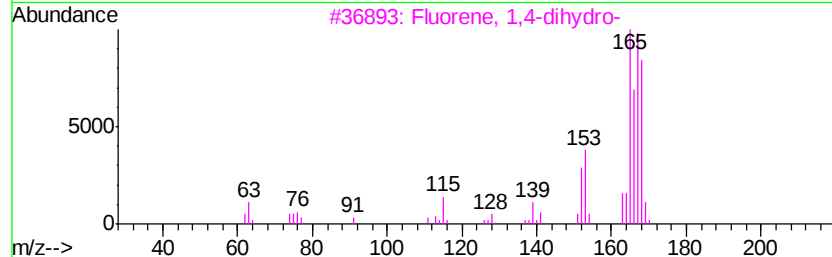
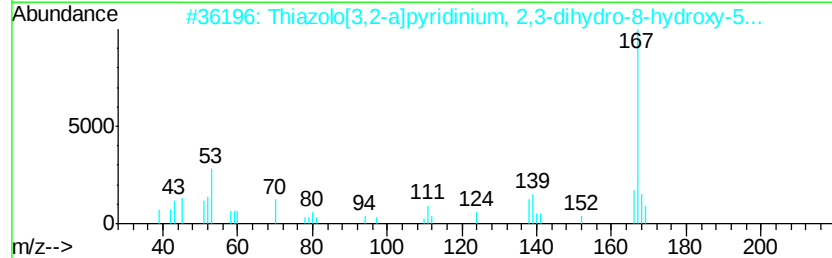
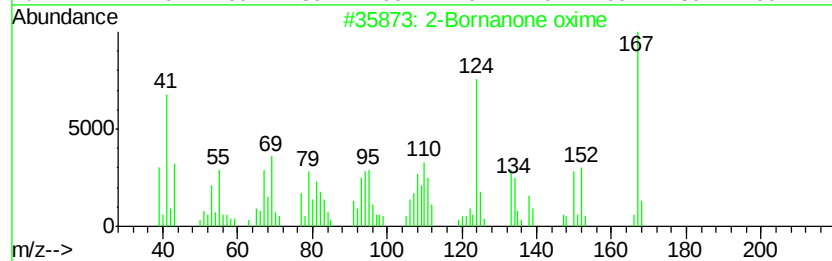
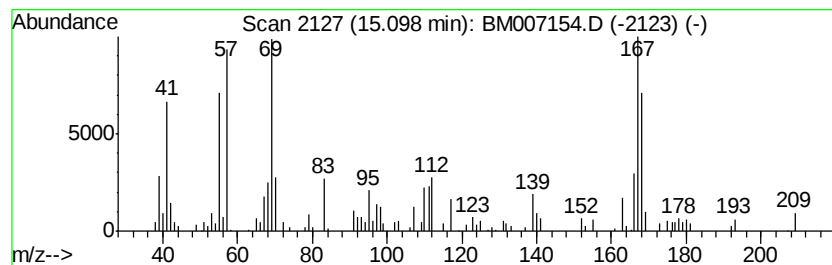
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Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.07 ng/ul	256784	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bornanone oxime	167	C10H17NO	013559-66-5	35
2		Thiazolo[3,2-a]pyridinium, 2,3-d...	167	C8H9NOS	023003-43-2	30
3		Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	27
4		Talbutal	224	C11H16N2O3	000115-44-6	27
5		Benzaldehyde, 2-hydroxy-5-nitro-	167	C7H5NO4	000097-51-8	22



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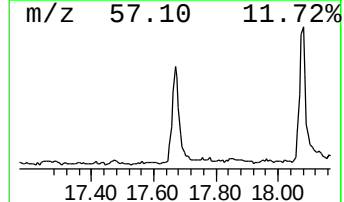
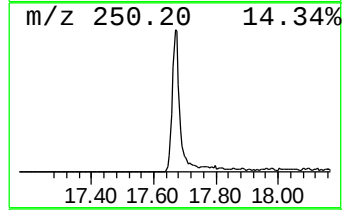
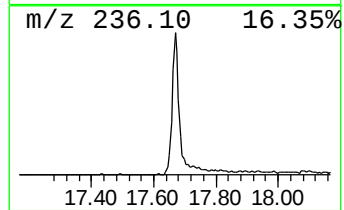
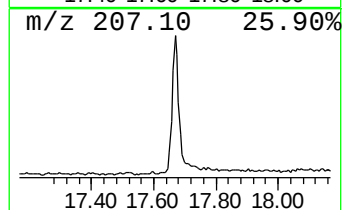
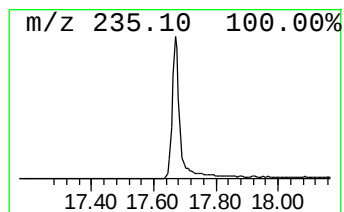
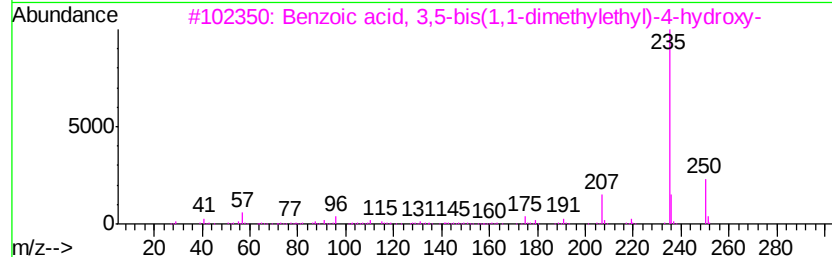
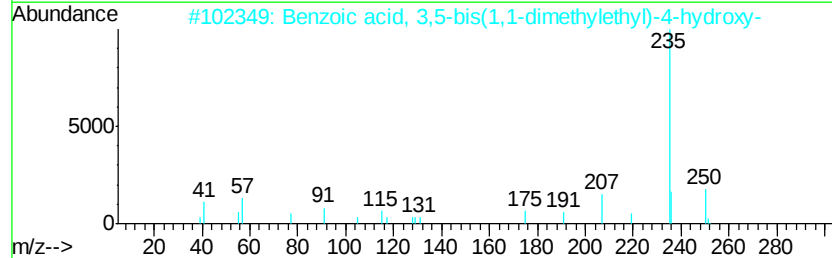
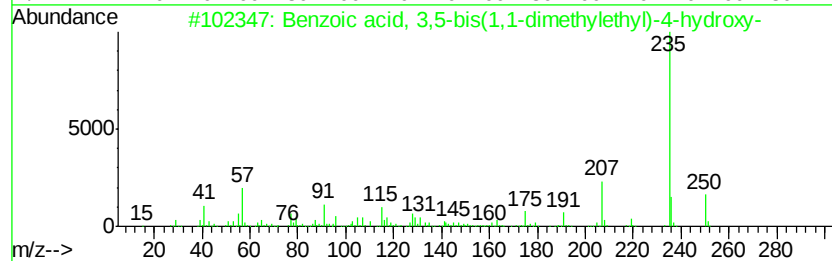
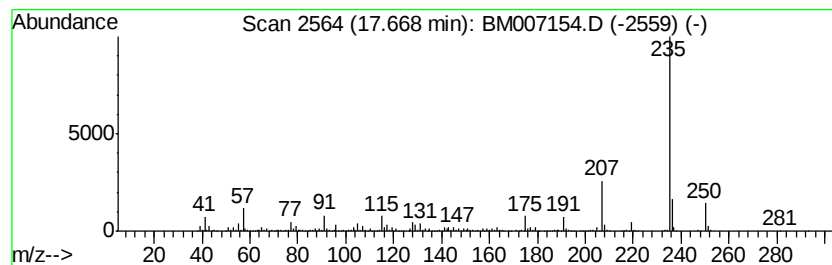
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	9.73 ng/ul	1374860	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	96
2		Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	95
3		Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	94
4		1,3-Benzenedicarboxylic acid, 5-...	250	C14H18O4	016308-65-9	78
5		Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	70



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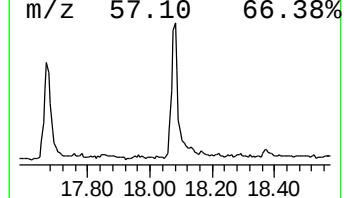
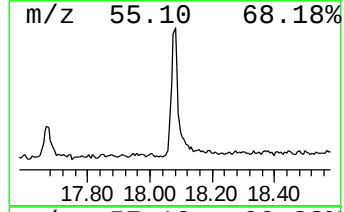
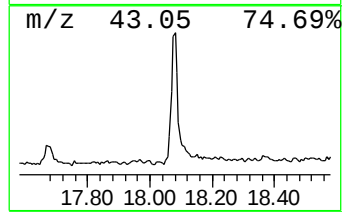
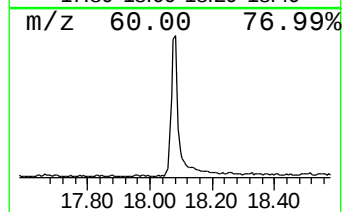
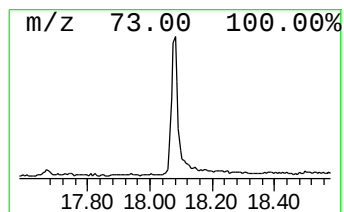
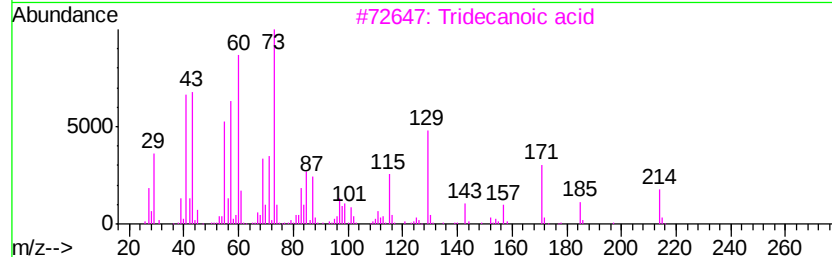
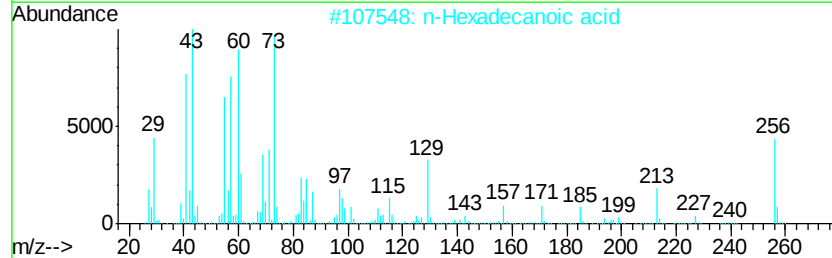
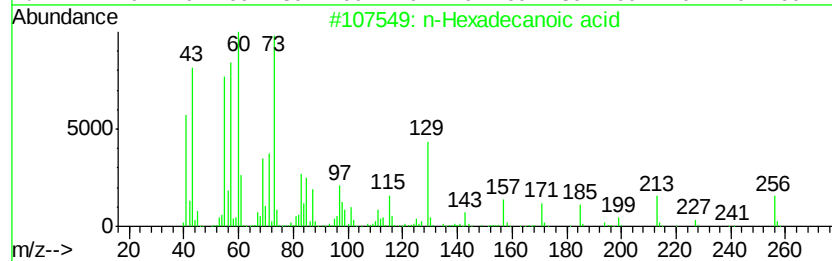
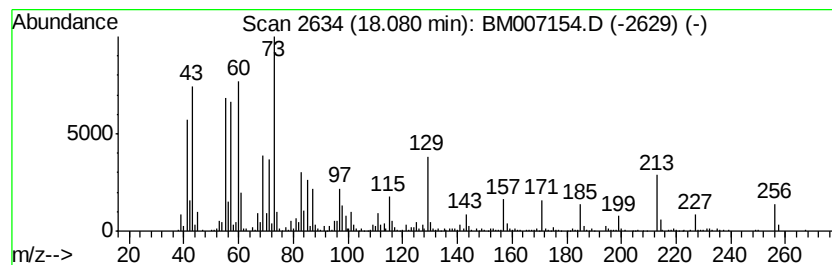
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.38 ng/ul	1042600	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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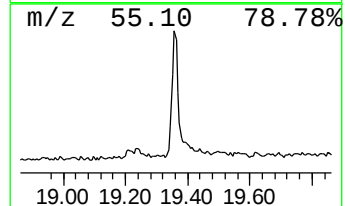
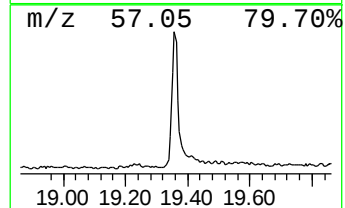
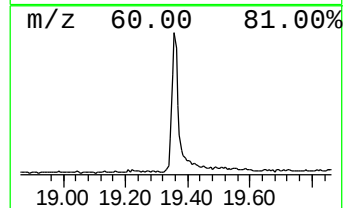
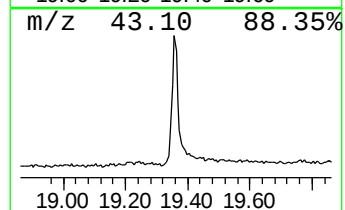
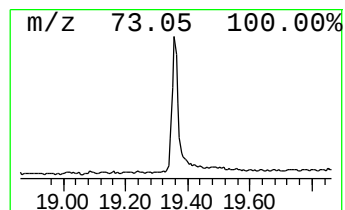
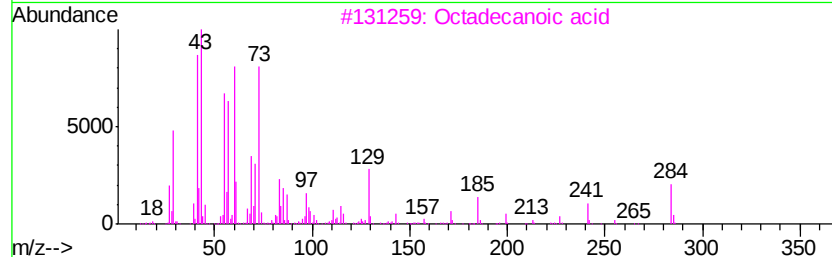
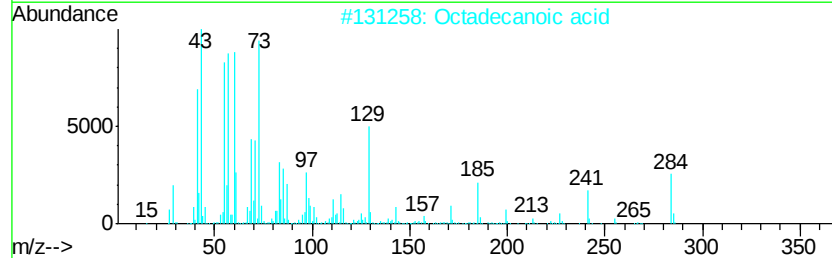
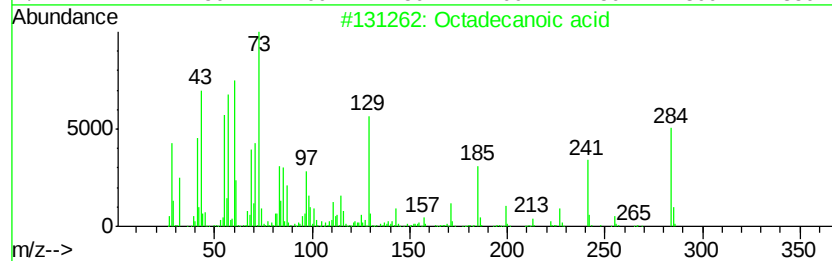
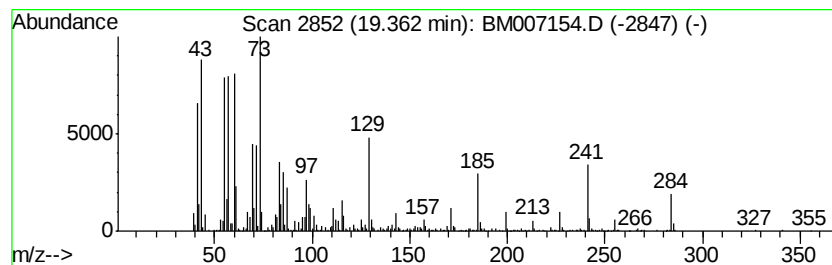
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	7.26 ng/ul	1370860	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
Data File : BM007154.D
Acq On : 16 Aug 2016 22:40
Operator : UM/SJ
Sample : H4436-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA220

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,5-Dimethylpheny...	13.62	2.2	ng/ul	272391	3	14.44	2478150	20.0
unknown-01	15.10	2.1	ng/ul	256784	3	14.44	2478150	20.0
Benzoic acid, 3,5...	17.67	9.7	ng/ul	1374860	4	17.18	2825090	20.0
n-Hexadecanoic acid	18.08	7.4	ng/ul	1042600	4	17.18	2825090	20.0
Octadecanoic acid	19.36	7.3	ng/ul	1370860	5	21.36	3775570	20.0