

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011934.D
 Acq On : 05 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5449-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-41(0-1)-092617

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\SOM-EPA-BM100317.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	5.363	383	387	392	rBV	102491	150226	2.28%	0.269%
2	5.498	404	410	428	rVB	434032	818013	12.40%	1.465%
3	5.869	467	473	478	rBV2	84040	134346	2.04%	0.241%
4	6.351	548	555	561	rBV3	43942	91871	1.39%	0.165%
5	6.492	573	579	587	rBV5	30848	66285	1.01%	0.119%
6	6.845	628	639	645	rBV	64198	121571	1.84%	0.218%
7	7.022	661	669	676	rVV2	169591	437894	6.64%	0.784%
8	7.087	676	680	685	rVB	61356	101357	1.54%	0.182%
9	7.198	692	699	704	rBV	118940	200999	3.05%	0.360%
10	7.398	727	733	741	rBV	173843	299328	4.54%	0.536%
11	7.475	741	746	749	rVV	136503	201810	3.06%	0.362%
12	7.510	749	752	759	rVB	161759	238151	3.61%	0.427%
13	7.869	808	813	827	rVB	929848	1545532	23.44%	2.769%
14	7.981	827	832	840	rBV2	69444	128694	1.95%	0.231%
15	8.145	855	860	866	rVB3	34372	66350	1.01%	0.119%
16	8.410	899	905	914	rVB4	37517	93195	1.41%	0.167%
17	8.504	916	921	927	rVV3	69691	125545	1.90%	0.225%
18	8.575	927	933	946	rVV	160714	312720	4.74%	0.560%
19	8.698	950	954	960	rVB2	57182	96363	1.46%	0.173%
20	8.969	989	1000	1005	rBV2	70810	139506	2.12%	0.250%
21	9.034	1005	1011	1016	rVV	133916	263063	3.99%	0.471%
22	9.081	1016	1019	1024	rVB	85100	130959	1.99%	0.235%
23	9.598	1103	1107	1116	rVB	40025	79314	1.20%	0.142%
24	9.704	1116	1125	1129	rBV2	47252	99080	1.50%	0.177%
25	9.757	1129	1134	1145	rVB2	121970	254354	3.86%	0.456%
26	10.298	1220	1226	1234	rBV	168580	323646	4.91%	0.580%
27	10.675	1277	1290	1296	rBV	1151738	2026106	30.73%	3.629%
28	10.722	1296	1298	1304	rVV	53300	80749	1.22%	0.145%
29	10.822	1307	1315	1331	rVB4	46516	142014	2.15%	0.254%
30	11.486	1418	1428	1440	rBV	474083	898218	13.62%	1.609%
31	12.010	1508	1517	1525	rBV	50644	97200	1.47%	0.174%
32	13.351	1736	1745	1750	rBV2	67326	129709	1.97%	0.232%
33	13.916	1832	1841	1846	rVV	356627	549436	8.33%	0.984%
34	13.963	1846	1849	1857	rVB	146055	227381	3.45%	0.407%

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35	14.204	1885	1890	1900	rBV2	380298	665218	10.09%	1.192%
36	14.510	1932	1942	1950	rBV2	1566759	2585870	39.21%	4.632%
37	14.574	1950	1953	1963	rVB	71144	120411	1.83%	0.216%
38	14.727	1973	1979	1985	rBV9	35314	95461	1.45%	0.171%
39	14.915	2005	2011	2015	rBV2	42544	71547	1.08%	0.128%
40	15.504	2105	2111	2116	rBV	524493	725642	11.00%	1.300%
41	15.557	2117	2120	2127	rVB2	55790	84360	1.28%	0.151%
42	15.633	2128	2133	2139	rBV2	74473	123875	1.88%	0.222%
43	15.715	2143	2147	2151	rVV	130352	172749	2.62%	0.309%
44	16.204	2226	2230	2239	rBV7	65897	161759	2.45%	0.290%
45	16.557	2286	2290	2296	rVB4	86987	150719	2.29%	0.270%
46	16.721	2314	2318	2324	rVB	106553	173364	2.63%	0.311%
47	16.915	2347	2351	2358	rVB4	51546	83303	1.26%	0.149%
48	16.992	2361	2364	2369	rVV5	50511	86875	1.32%	0.156%
49	17.080	2376	2379	2386	rVB	51547	74168	1.12%	0.133%
50	17.256	2403	2409	2413	rBV	1867778	2726903	41.35%	4.885%
51	17.298	2413	2416	2421	rVV	908740	1233320	18.70%	2.209%
52	17.356	2421	2426	2429	rVV	518560	782401	11.86%	1.402%
53	17.386	2429	2431	2437	rVB	215846	288824	4.38%	0.517%
54	18.133	2553	2558	2562	rBV	569294	839375	12.73%	1.504%
55	18.174	2562	2565	2569	rVB	147704	222153	3.37%	0.398%
56	18.321	2586	2590	2595	rBV3	261438	470080	7.13%	0.842%
57	18.768	2663	2666	2670	rVB2	121546	142572	2.16%	0.255%
58	19.309	2753	2758	2763	rBV	2485790	3357240	50.91%	6.014%
59	19.409	2772	2775	2779	rBV3	343635	539325	8.18%	0.966%
60	19.645	2810	2815	2817	rBV2	1109547	1704017	25.84%	3.052%
61	19.674	2817	2820	2829	rVB	2197505	3145294	47.70%	5.634%
62	21.327	3097	3101	3107	rVB	2846462	3118903	47.30%	5.587%
63	21.427	3112	3118	3122	rVV2	3255454	6594309	100.00%	11.812%
64	21.462	3122	3124	3134	rVB	1735213	2407882	36.51%	4.313%
65	21.933	3201	3204	3207	rVB	726541	755447	11.46%	1.353%
66	22.086	3226	3230	3237	rVB4	1418543	1973394	29.93%	3.535%
67	22.244	3254	3257	3260	rBV4	890536	1131723	17.16%	2.027%
68	23.056	3391	3395	3401	rBV	1643660	3479290	52.76%	6.232%
69	23.656	3494	3497	3504	rVB	1354298	2324193	35.25%	4.163%
70	23.756	3510	3514	3520	rBV	1468852	2542206	38.55%	4.554%

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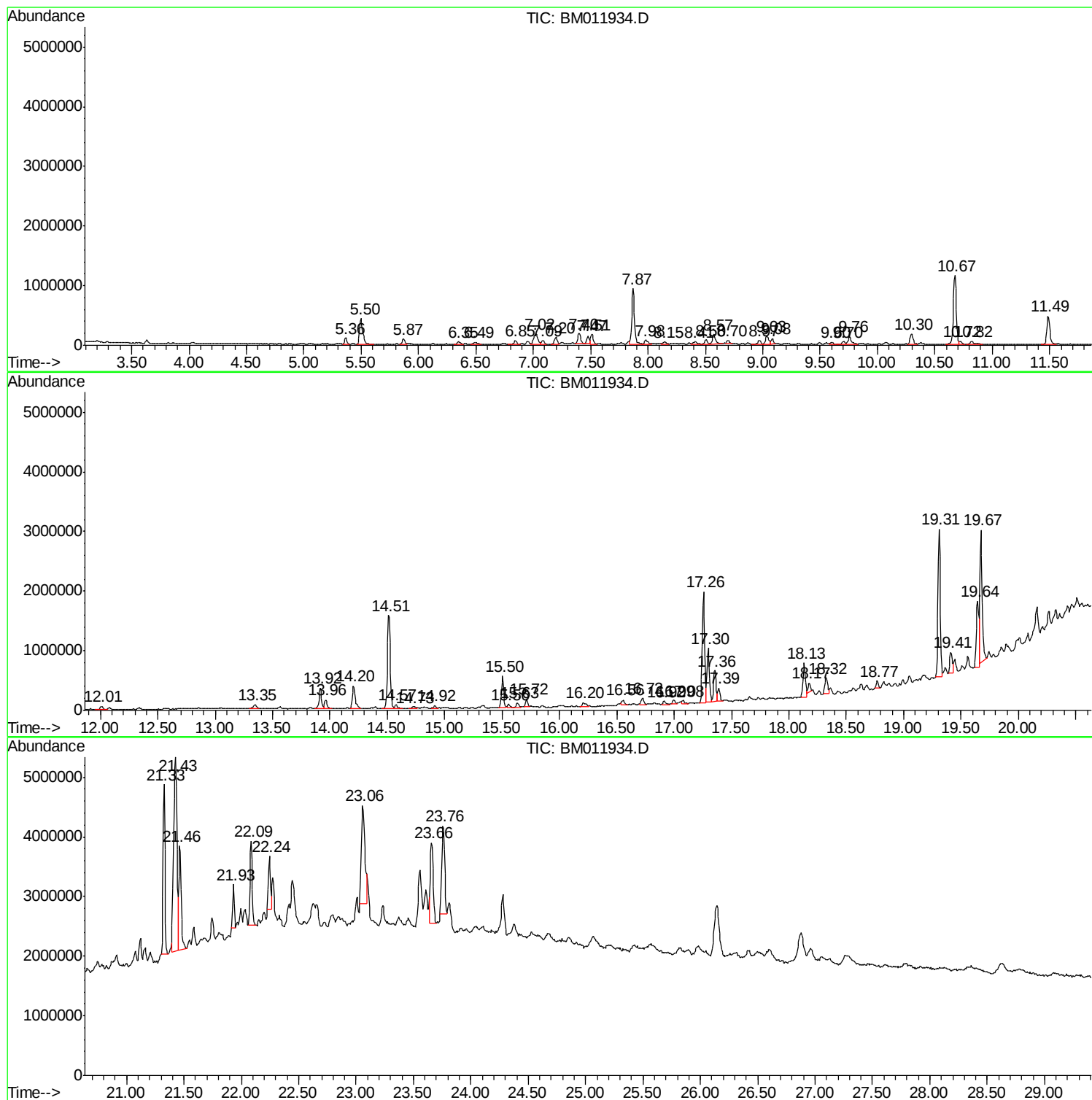
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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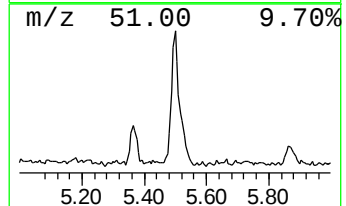
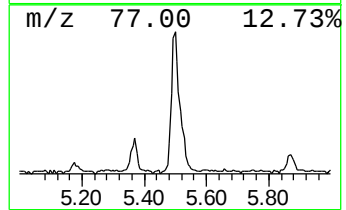
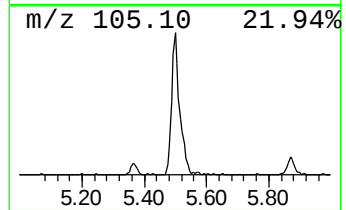
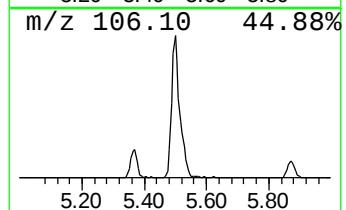
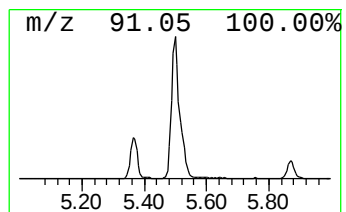
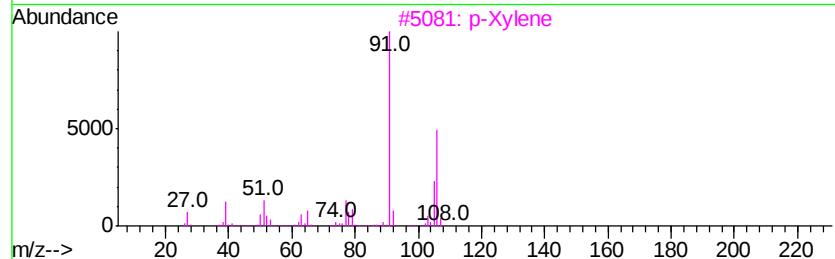
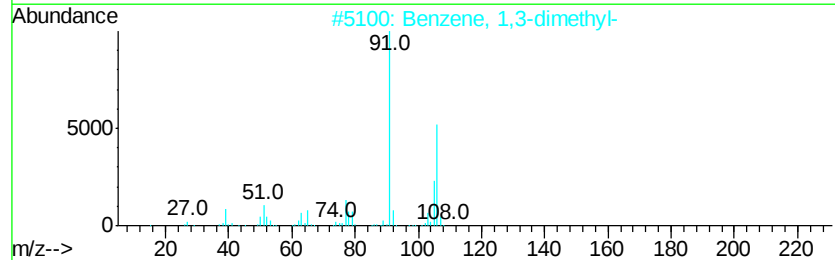
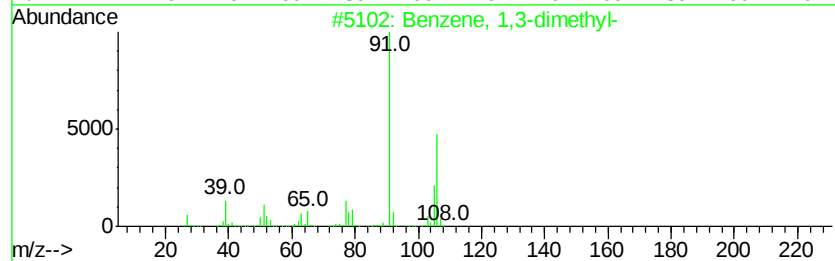
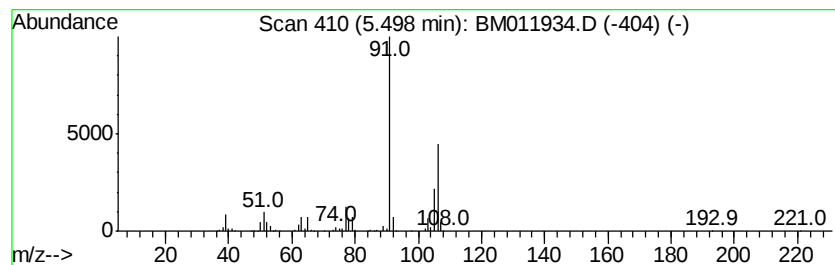
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	10.59 ng/ul	818013	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		o-Xylene	106	C8H10	000095-47-6	97
5		p-Xylene	106	C8H10	000106-42-3	95



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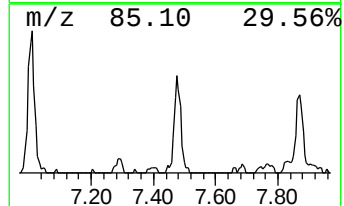
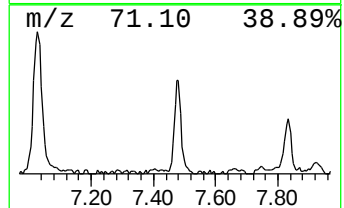
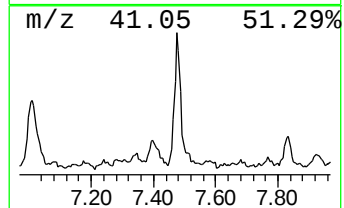
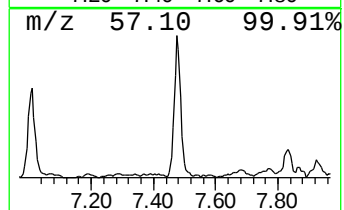
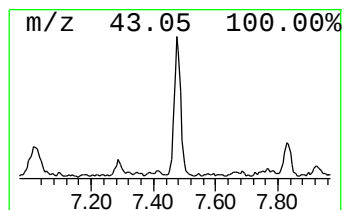
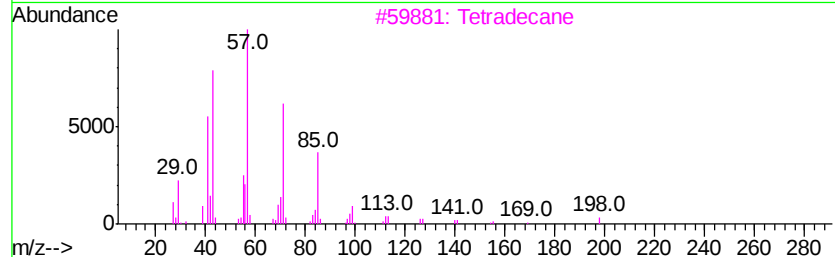
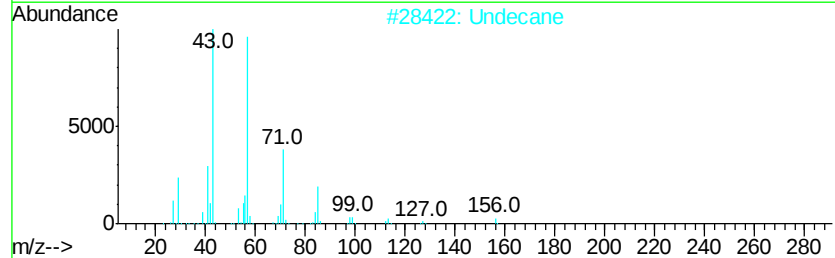
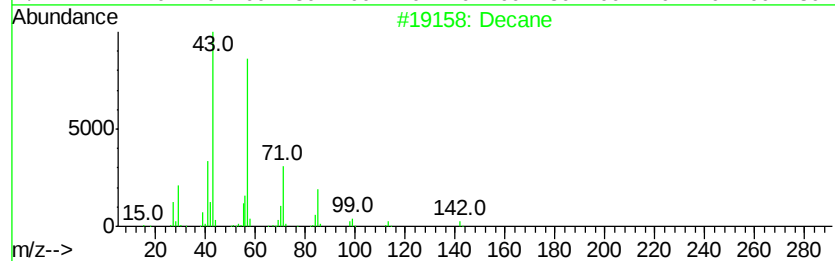
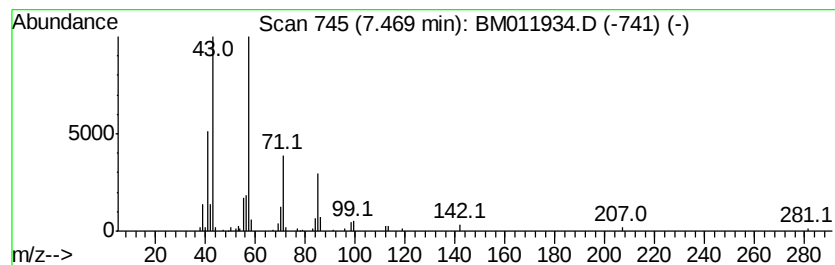
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.61 ng/ul	201810	1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Undecane	156	C11H24	001120-21-4	78
3			Tetradecane	198	C14H30	000629-59-4	78
4			Tridecane	184	C13H28	000629-50-5	78
5			Hexadecane	226	C16H34	000544-76-3	72



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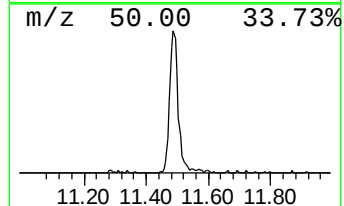
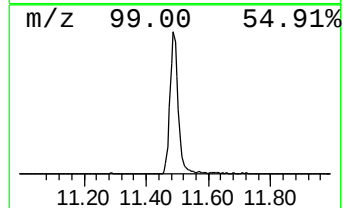
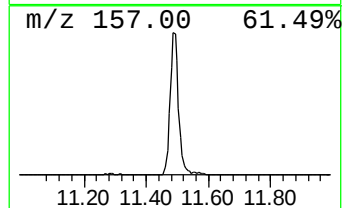
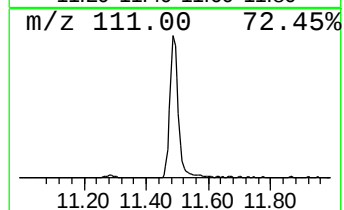
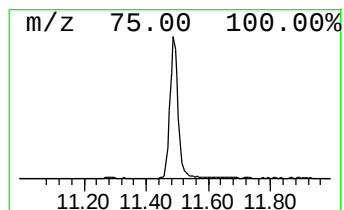
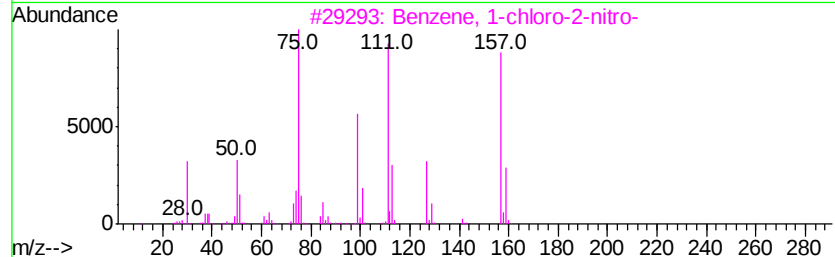
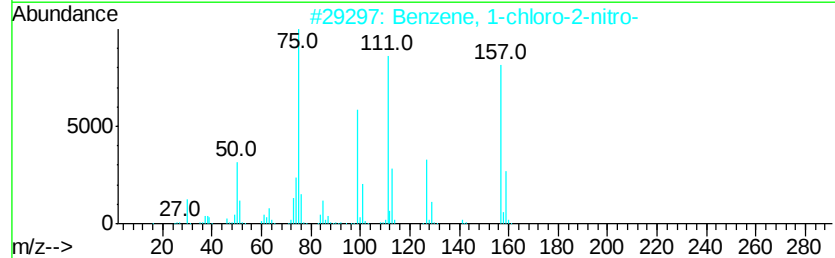
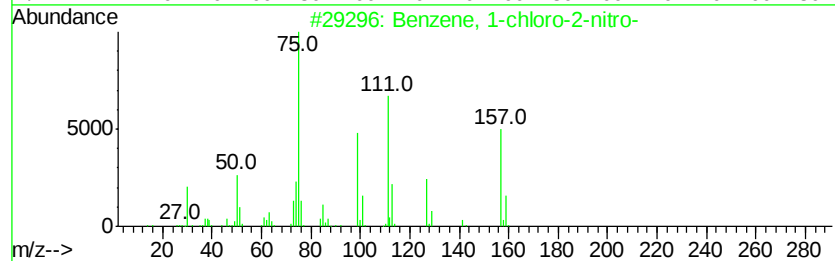
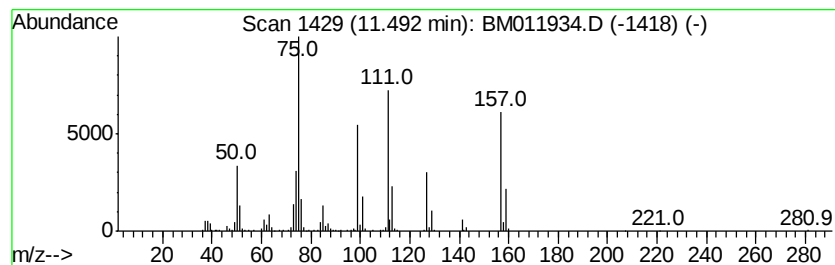
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Peak Number 4 Benzene, 1-chloro-2-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	8.87 ng/ul	898218	Naphthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95



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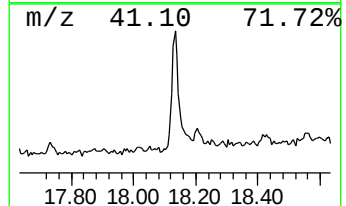
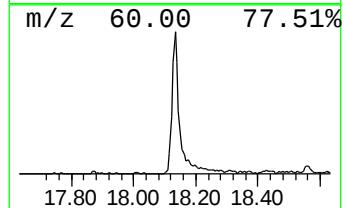
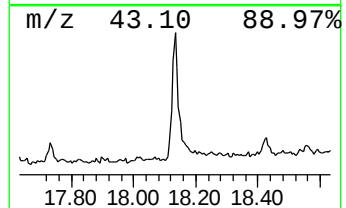
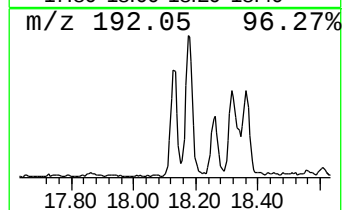
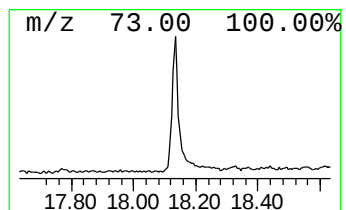
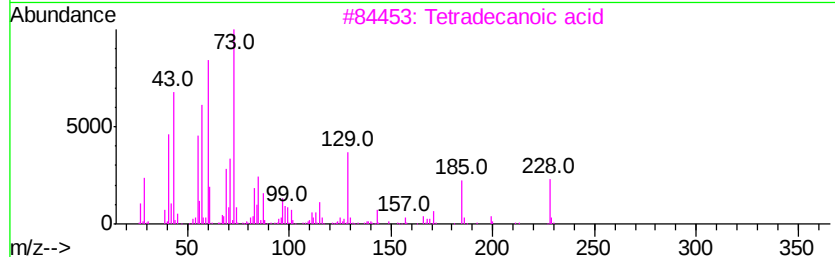
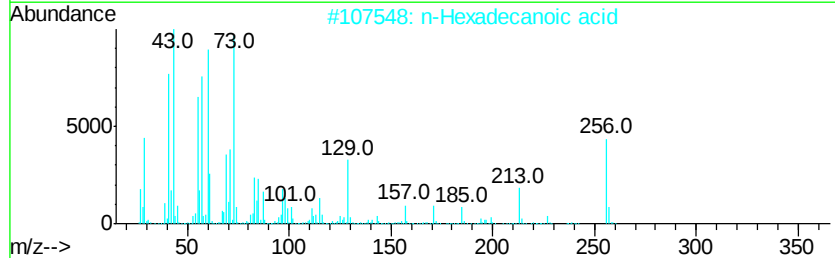
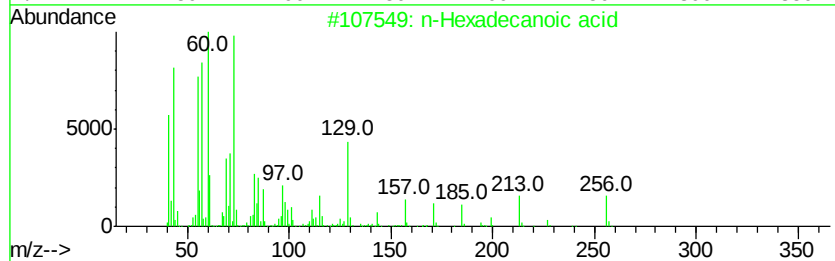
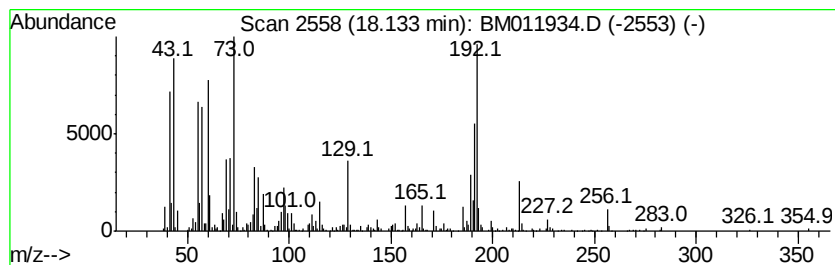
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.16 ng/ul	839375	Phenanthrene-d10	17.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011934.D
Acq On : 05 Oct 2017 20:45
Operator : SJ/JU
Sample : I5449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-41(0-1)-092617

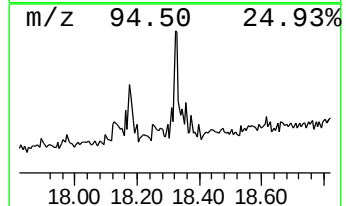
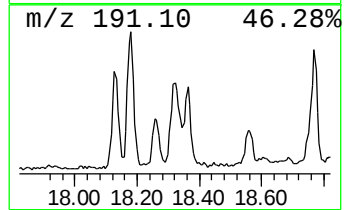
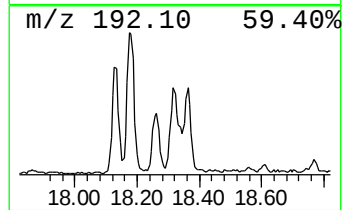
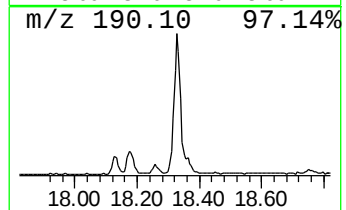
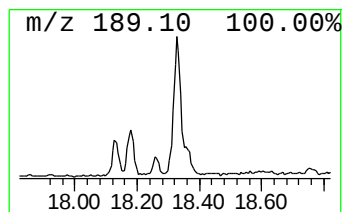
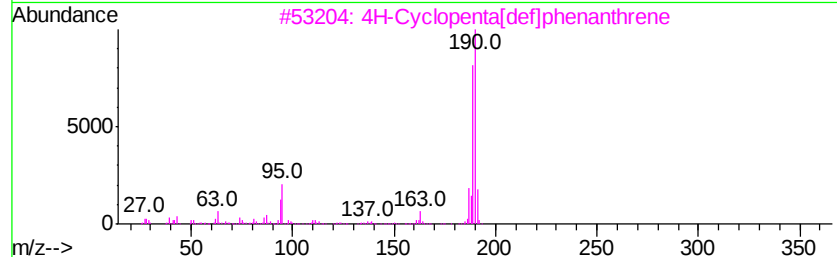
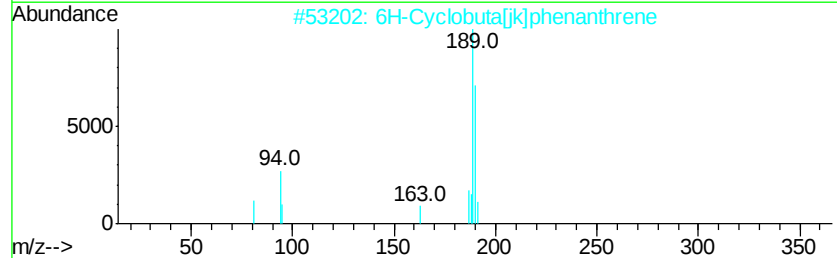
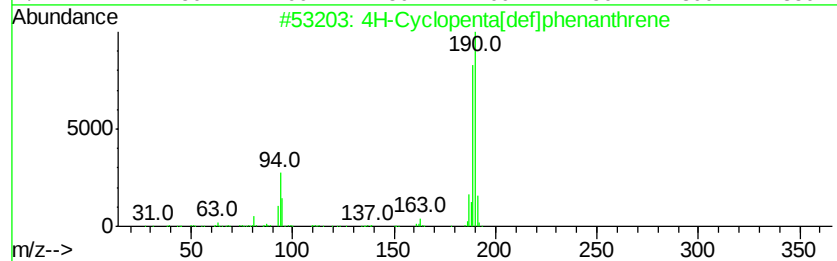
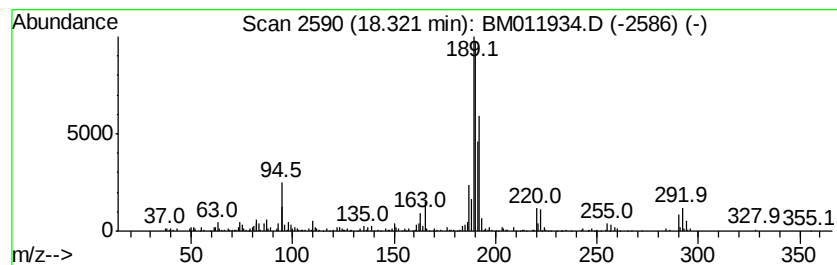
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.45 ng/ul	470080	Phenanthrene-d10	17.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011934.D
Acq On : 05 Oct 2017 20:45
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Sample : I5449-01 5X
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Instrument :
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ClientSampleId :
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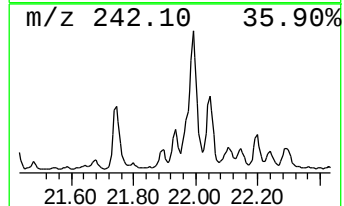
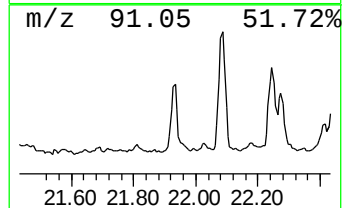
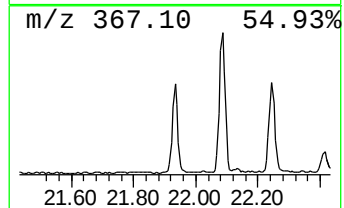
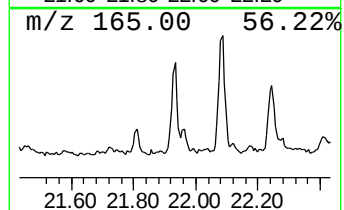
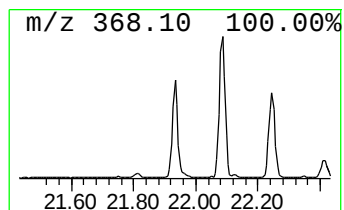
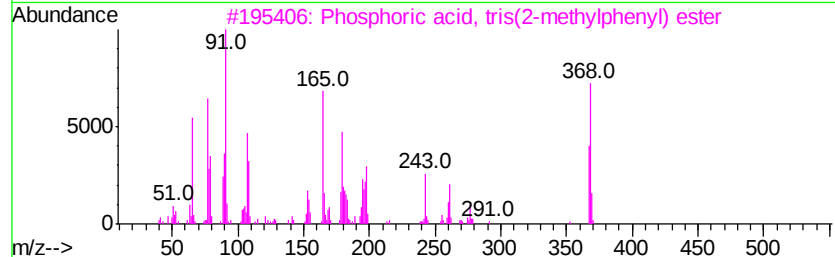
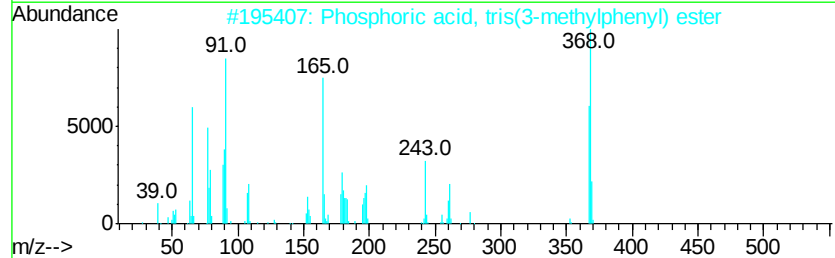
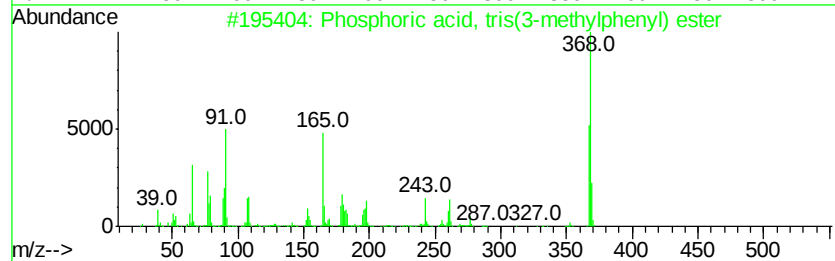
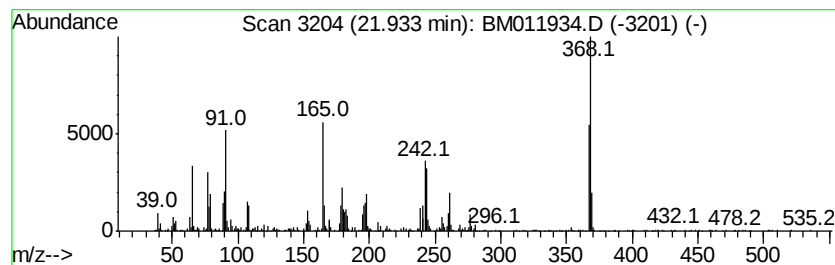
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phosphoric acid, tris(3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.29 ng/ul	755447	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3		Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	90
4		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86
5		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011934.D
Acq On : 05 Oct 2017 20:45
Operator : SJ/JU
Sample : I5449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-41(0-1)-092617

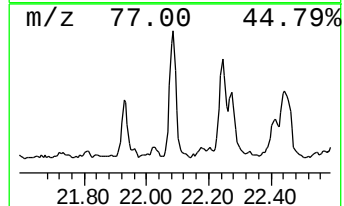
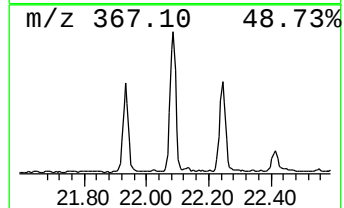
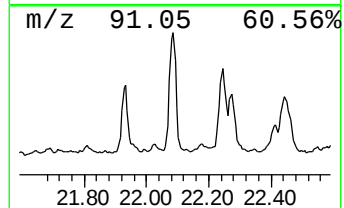
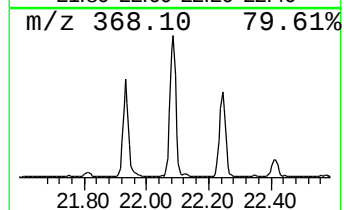
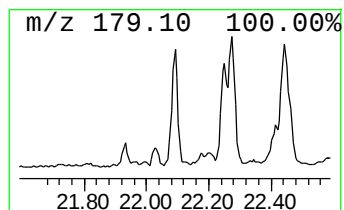
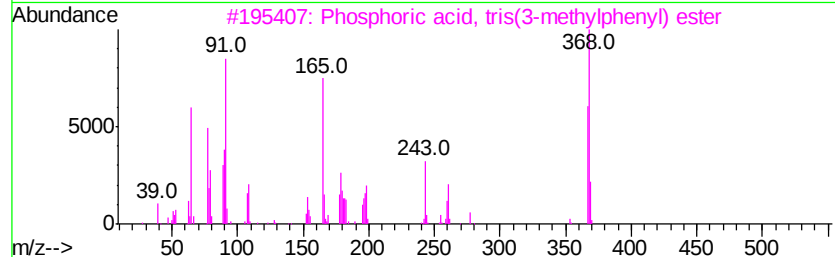
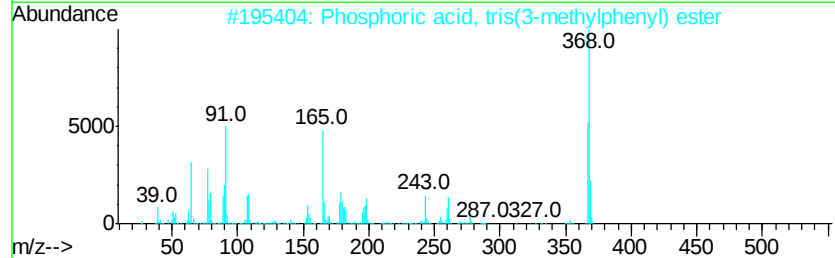
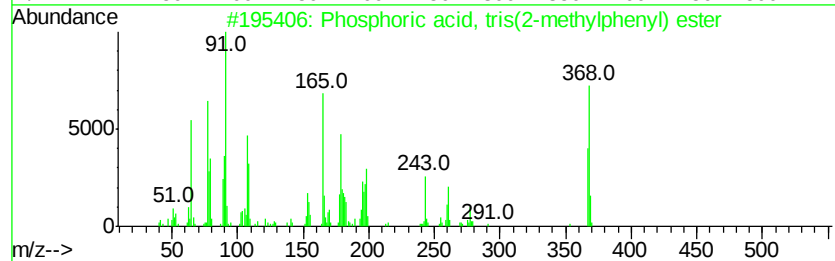
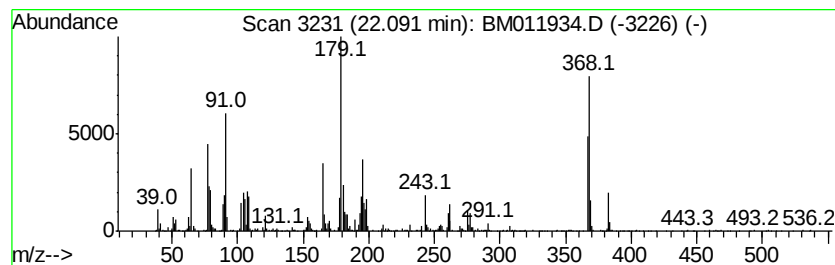
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phosphoric acid, tris(2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	5.99 ng/ul	1973390	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	99
2		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	98
3		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	97
4		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86
5		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011934.D
Acq On : 05 Oct 2017 20:45
Operator : SJ/JU
Sample : I5449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-41(0-1)-092617

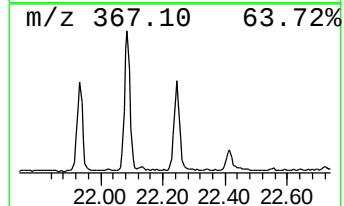
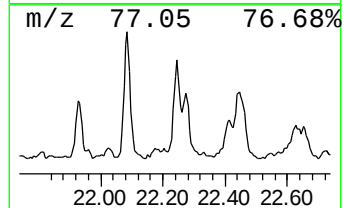
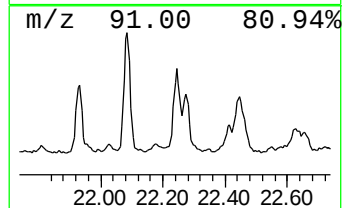
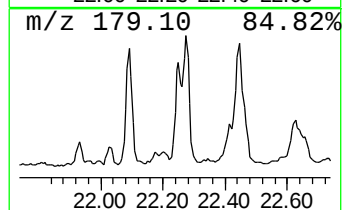
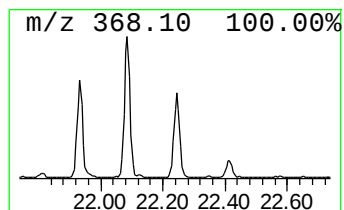
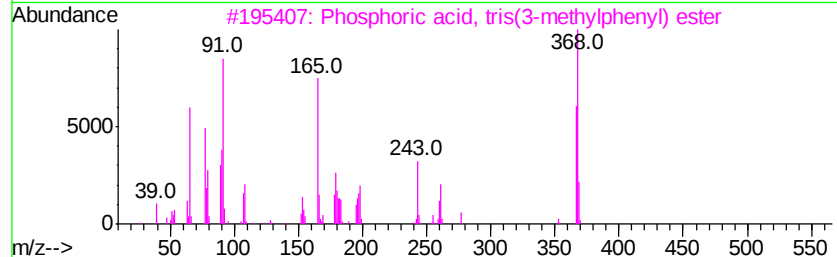
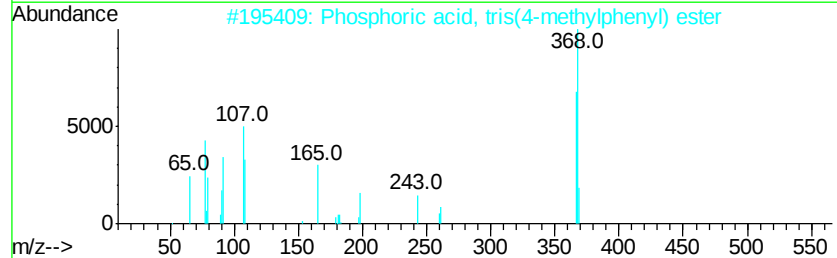
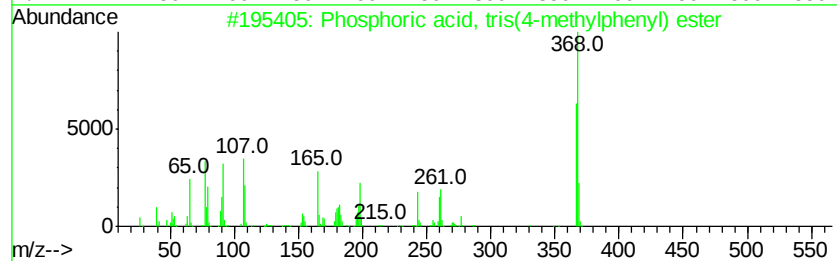
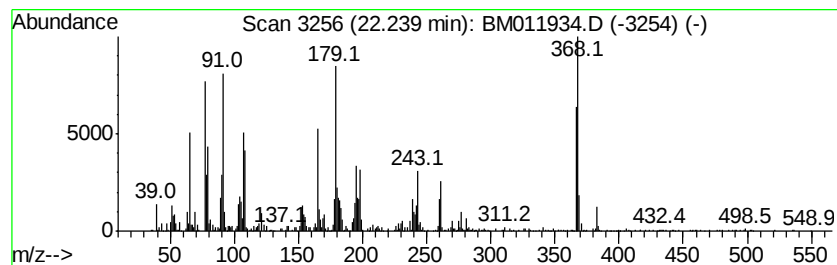
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phosphoric acid, tris(4-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.43 ng/ul	1131720	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	90
2		Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	70
3		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	58
4		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	50
5		Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100517\
Data File : BM011934.D
Acq On : 05 Oct 2017 20:45
Operator : SJ/JU
Sample : I5449-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-41(0-1)-092617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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
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(DEL) Alkane: Str...	7.47	2.6	ng/ul	201810	1	7.87	1545530	20.0
Benzene, 1-chloro...	11.49	8.9	ng/ul	898218	2	10.67	2026110	20.0
n-Hexadecanoic acid	18.13	6.2	ng/ul	839375	4	17.26	2726900	20.0
4H-Cyclopenta[def...	18.32	3.5	ng/ul	470080	4	17.26	2726900	20.0
Phosphoric acid, ...	21.93	2.3	ng/ul	755447	5	21.43	6594310	20.0
Phosphoric acid, ...	22.09	6.0	ng/ul	1973390	5	21.43	6594310	20.0
Phosphoric acid, ...	22.24	3.4	ng/ul	1131720	5	21.43	6594310	20.0