

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013128.D
 Acq On : 28 Nov 2017 01:31
 Operator : SJ/JU
 Sample : I6514-04DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4DL

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-BM111617.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	3.858	123	131	135	rBV2	71348	117618	2.01%	0.227%
2	5.210	350	361	365	rBV2	61898	117500	2.01%	0.226%
3	6.916	640	651	660	rVB2	583738	1320256	22.57%	2.544%
4	7.046	667	673	681	rBV	228876	335412	5.73%	0.646%
5	7.246	700	707	715	rVB	290945	457039	7.81%	0.881%
6	7.704	778	785	793	rBV	1046263	1637706	27.99%	3.155%
7	8.416	900	906	911	rBV	372905	604011	10.32%	1.164%
8	8.487	911	918	934	rVB	3423944	5850351	100.00%	11.272%
9	8.857	973	981	989	rVB2	294096	479256	8.19%	0.923%
10	9.575	1096	1103	1110	rVB2	287954	473484	8.09%	0.912%
11	9.945	1157	1166	1173	rVB	65634	116992	2.00%	0.225%
12	10.116	1188	1195	1203	rBV	381944	623177	10.65%	1.201%
13	10.487	1251	1258	1266	rVB	1475174	2437387	41.66%	4.696%
14	10.628	1275	1282	1290	rBV	338701	579359	9.90%	1.116%
15	11.316	1388	1399	1408	rVB	72918	131742	2.25%	0.254%
16	11.557	1433	1440	1449	rBV	243810	426641	7.29%	0.822%
17	12.328	1561	1571	1580	rBV	561116	1155547	19.75%	2.226%
18	12.528	1598	1605	1615	rBV	369113	590610	10.10%	1.138%
19	12.634	1617	1623	1632	rVB2	61454	94327	1.61%	0.182%
20	12.798	1645	1651	1658	rVB3	42933	76208	1.30%	0.147%
21	13.757	1809	1814	1819	rBV	739670	1044978	17.86%	2.013%
22	13.804	1819	1822	1830	rVB	93974	138887	2.37%	0.268%
23	14.033	1853	1861	1868	rVB	795114	1215154	20.77%	2.341%
24	14.345	1907	1914	1924	rVB2	2348052	3486112	59.59%	6.717%
25	14.563	1946	1951	1963	rBV	313644	500843	8.56%	0.965%
26	14.780	1980	1988	1993	rBV4	97617	161941	2.77%	0.312%
27	15.204	2057	2060	2067	rVB5	41980	67987	1.16%	0.131%
28	15.339	2075	2083	2090	rBV	1046354	1486284	25.41%	2.864%
29	15.457	2094	2103	2110	rBV	262438	397862	6.80%	0.767%
30	16.433	2264	2269	2276	rVB	1198398	1574211	26.91%	3.033%
31	16.510	2277	2282	2290	rVV	246692	322305	5.51%	0.621%
32	17.092	2372	2381	2388	rBV2	3117622	4473950	76.47%	8.620%
33	17.186	2391	2397	2408	rVB	1161223	1684049	28.79%	3.245%
34	17.480	2440	2447	2451	rBV8	31602	59095	1.01%	0.114%

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35	17.880	2504	2515	2521	rBV8	38884	123732	2.11%	0.238%
36	18.004	2528	2536	2546	rBV	1045728	1538367	26.30%	2.964%
37	19.163	2729	2733	2736	rBV3	172623	249155	4.26%	0.480%
38	19.280	2749	2753	2760	rBV2	541454	733167	12.53%	1.413%
39	19.339	2760	2763	2770	rVB2	104552	158075	2.70%	0.305%
40	19.486	2782	2788	2795	rBV	1386686	1883358	32.19%	3.629%
41	20.274	2918	2922	2930	rBV5	155182	215040	3.68%	0.414%
42	20.374	2935	2939	2947	rVV	243338	328950	5.62%	0.634%
43	20.604	2974	2978	2984	rBV	490367	680340	11.63%	1.311%
44	20.998	3041	3045	3050	rBV3	193682	247846	4.24%	0.478%
45	21.274	3087	3092	3098	rBV	4140034	5154666	88.11%	9.932%
46	23.356	3440	3446	3452	rBV	873380	1677749	28.68%	3.233%
47	23.503	3464	3471	3480	rVB	2161749	4125733	70.52%	7.949%
48	24.786	3684	3689	3699	rVB7	209526	546259	9.34%	1.053%

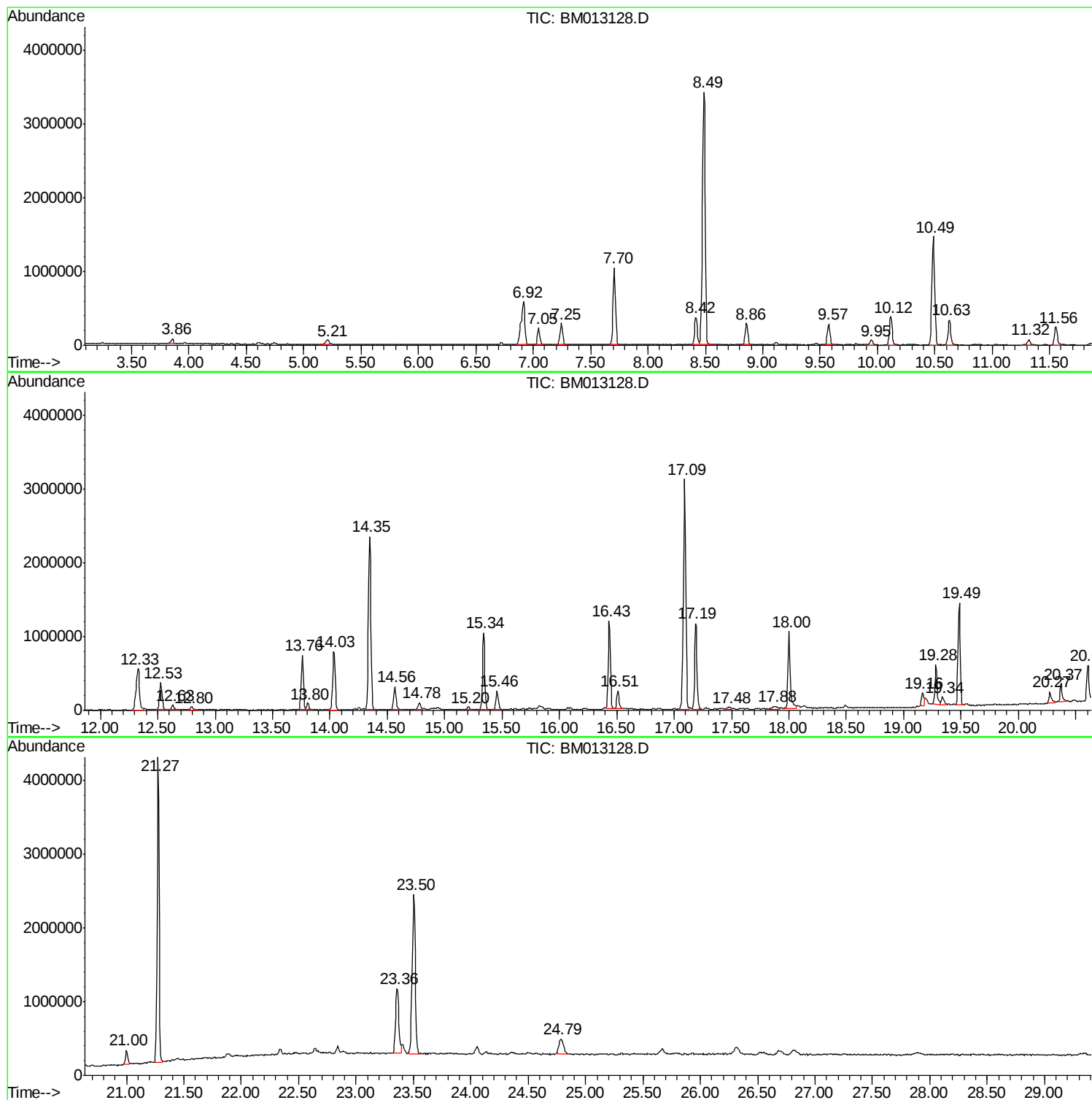
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Quant Title : SVOA CALIBRATION

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



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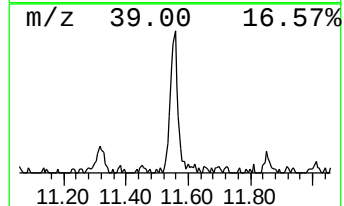
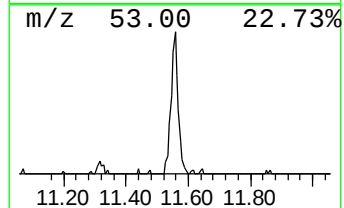
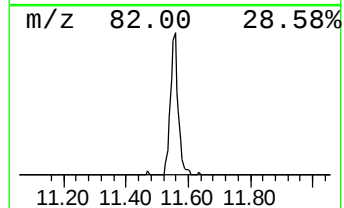
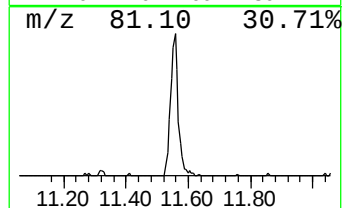
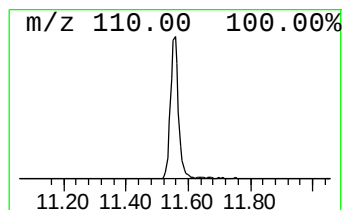
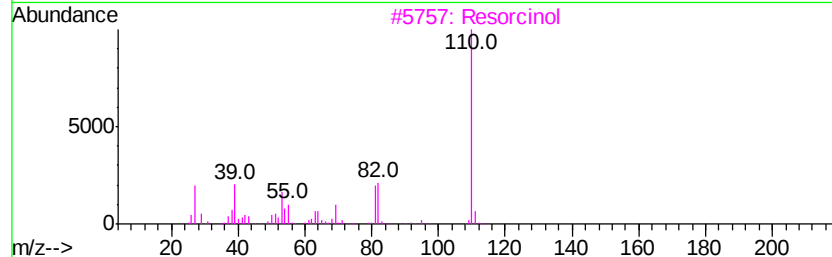
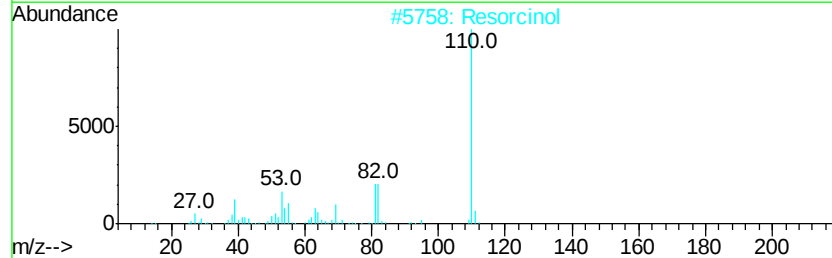
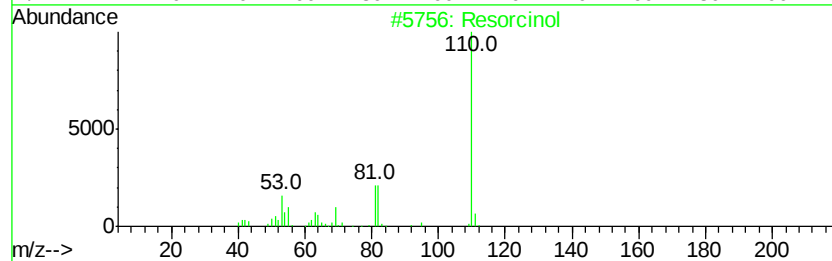
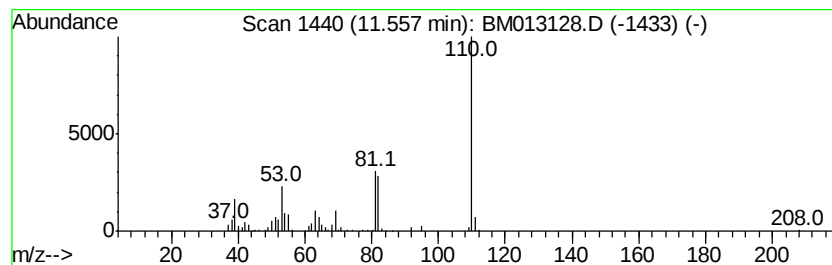
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Resorcinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	3.50 ng/ul	426641	Napthalene-d8	10.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Resorcinol	110	C6H6O2	000108-46-3	97
2		Resorcinol	110	C6H6O2	000108-46-3	95
3		Resorcinol	110	C6H6O2	000108-46-3	94
4		Hydroquinone	110	C6H6O2	000123-31-9	83
5		Resorcinol	110	C6H6O2	000108-46-3	83



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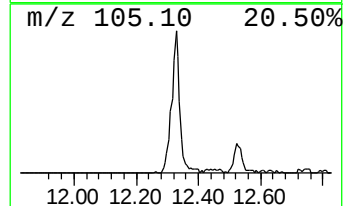
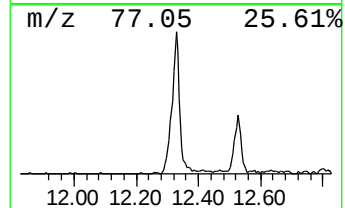
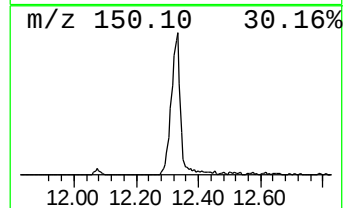
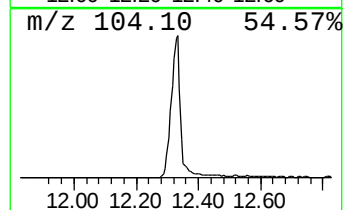
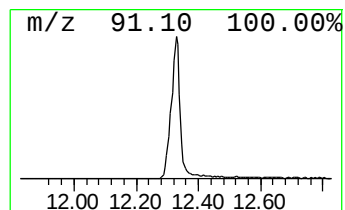
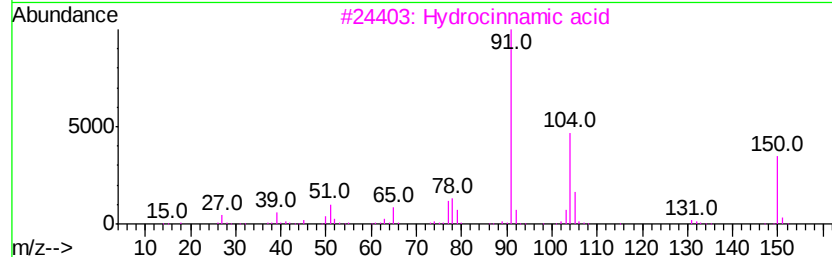
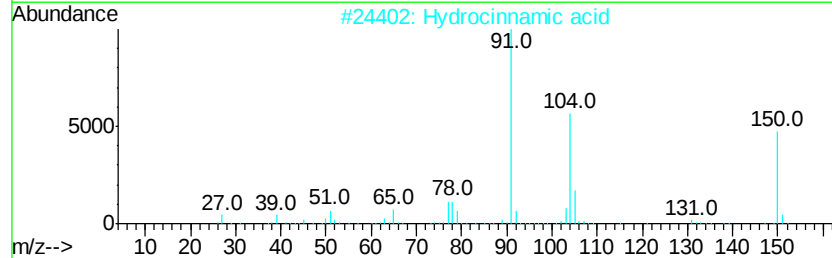
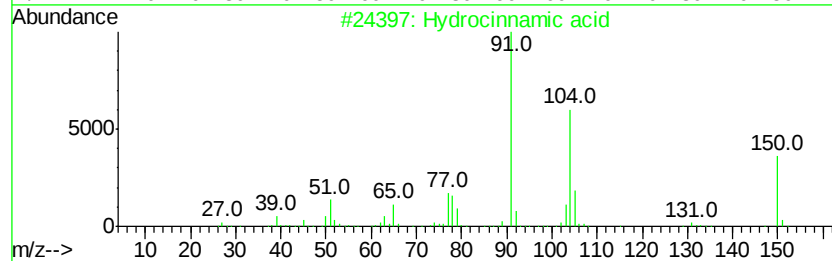
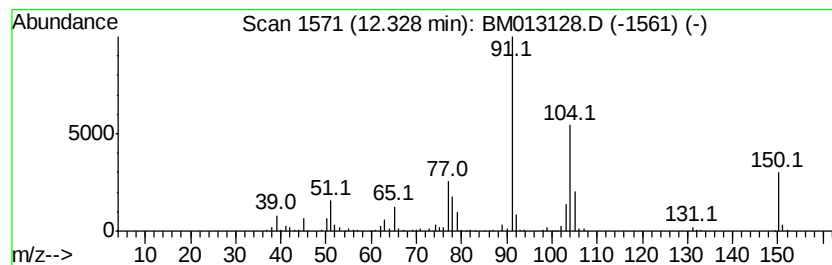
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	9.48 ng/ul	1155550	Napthalene-d8	10.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hydrocinnamic acid	150 C9H10O2	000501-52-0 96
2		Hydrocinnamic acid	150 C9H10O2	000501-52-0 90
3		Hydrocinnamic acid	150 C9H10O2	000501-52-0 87
4		4-Nitrosophenyl-.beta.-phenylpro...	255 C15H13NO3	1000129-40-0 86
5		Hydrocinnamic acid	150 C9H10O2	000501-52-0 74



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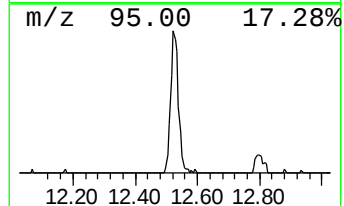
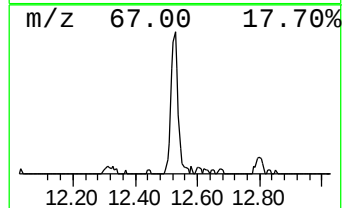
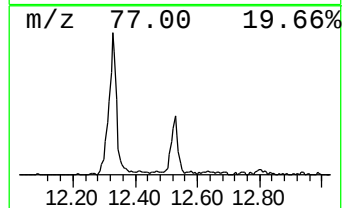
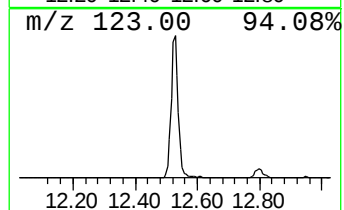
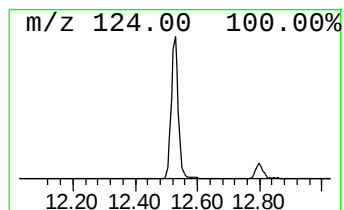
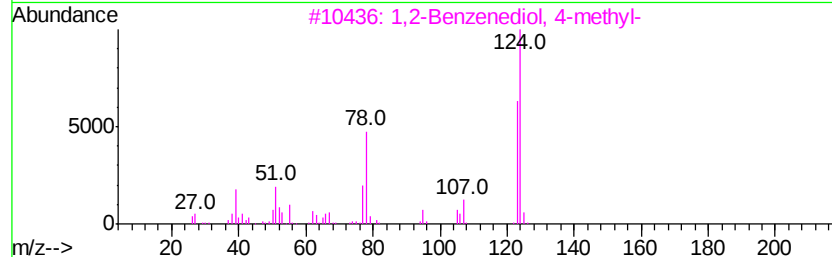
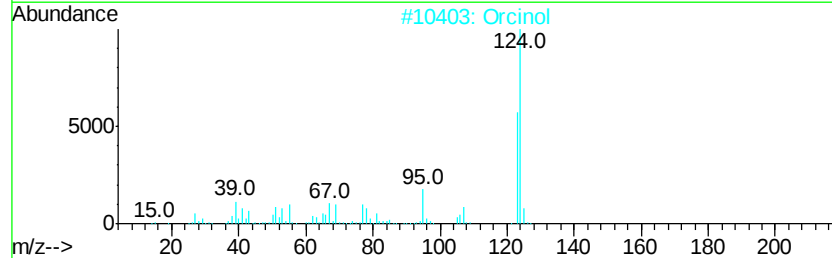
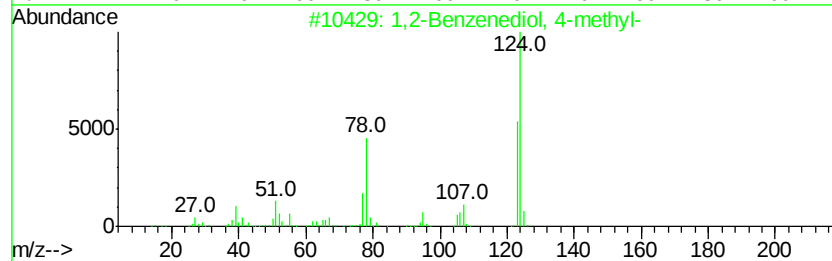
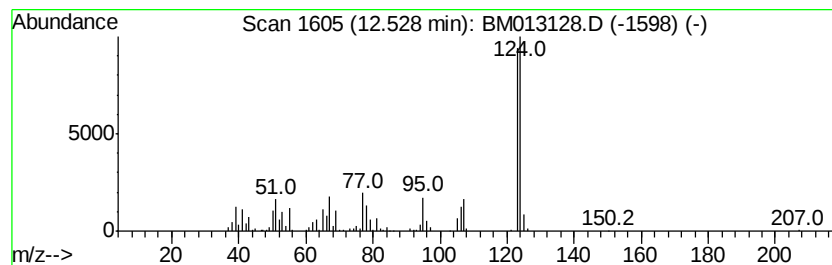
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,2-Benzenediol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.39 ng/ul	590610	Acenaphthene-d10	14.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70
2		Orcinol	124	C7H8O2	000504-15-4	70
3		1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	64
4		Benzaldehyde, 2-fluoro-	124	C7H5FO	000446-52-6	62
5		Benzaldehyde, 3-fluoro-	124	C7H5FO	000456-48-4	59



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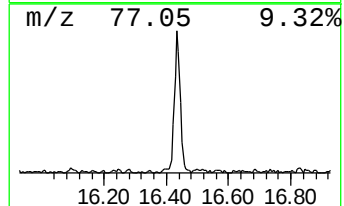
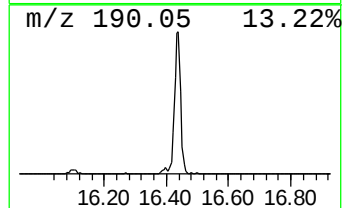
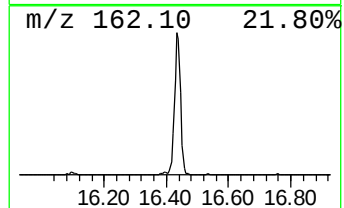
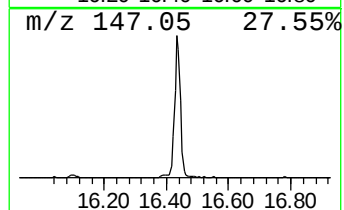
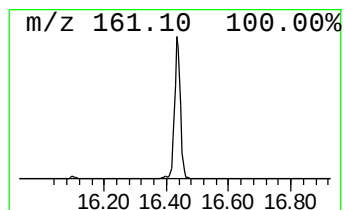
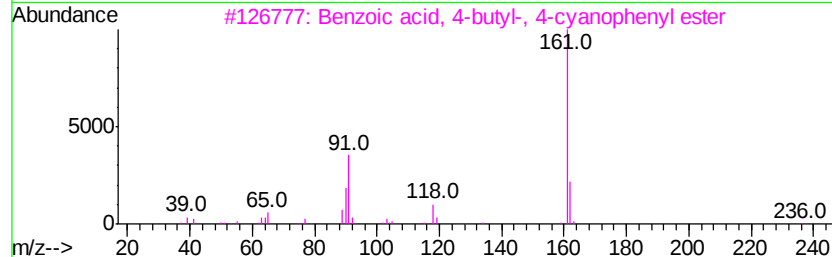
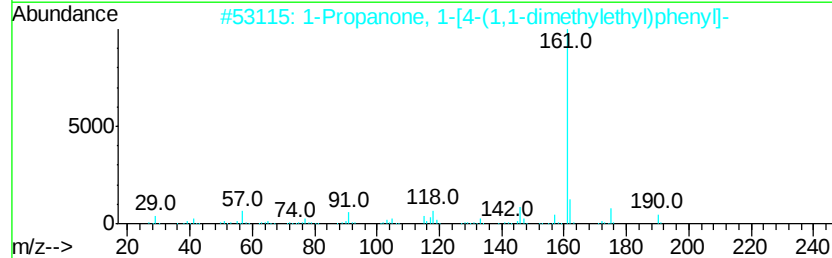
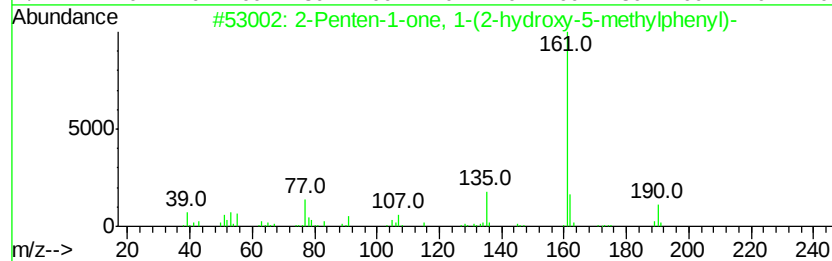
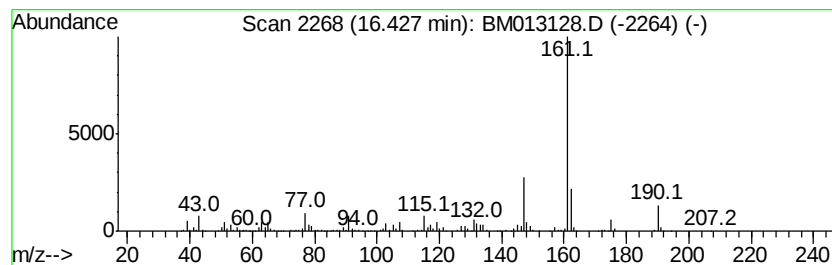
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2-Penten-1-one, 1-(2-hydrox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	7.04 ng/ul	1574210	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Penten-1-one, 1-(2-hydroxy-5-m...	190	C12H14O2	051956-78-6	58
2		1-Propanone, 1-[4-(1,1-dimethyle...	190	C13H18O	071209-71-7	52
3		Benzoic acid, 4-butyl-, 4-cyanop...	279	C18H17NO2	038690-77-6	47
4		Indole-4-carboxylic acid	161	C9H7NO2	002124-55-2	43
5		Benzene, ethylpentamethyl-	176	C13H20	002388-04-7	42



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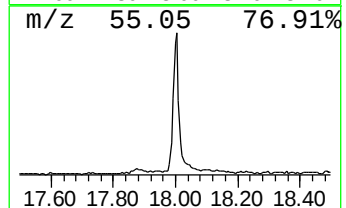
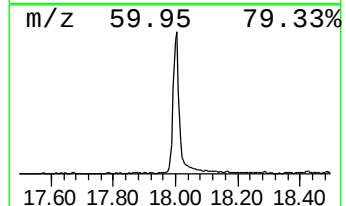
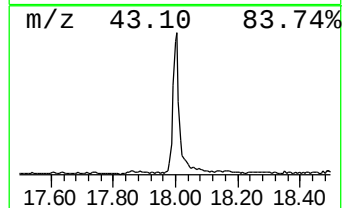
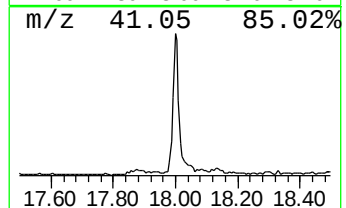
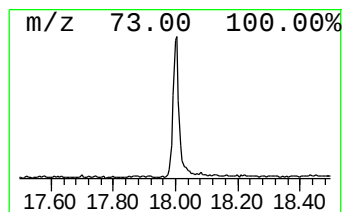
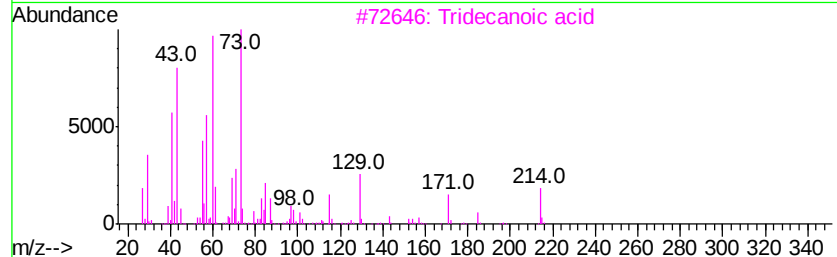
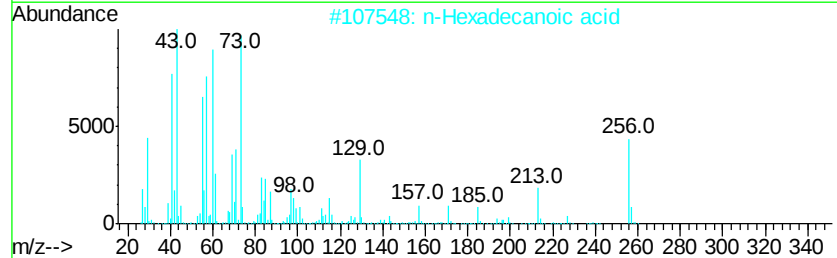
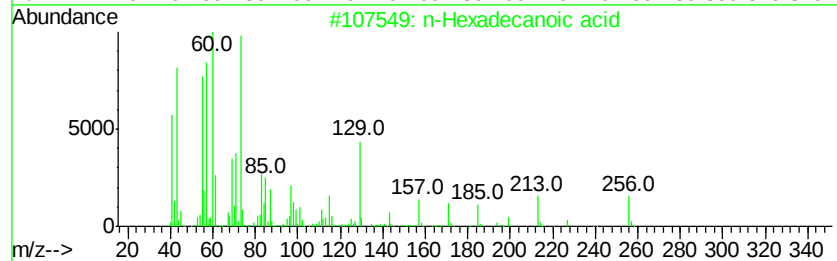
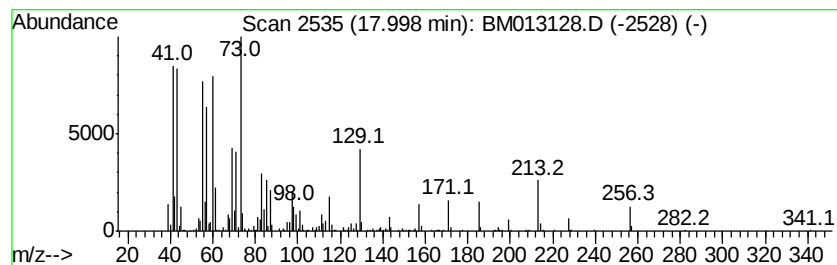
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.88 ng/ul	1538370	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013128.D
Acq On : 28 Nov 2017 01:31
Operator : SJ/JU
Sample : I6514-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

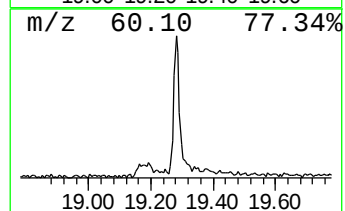
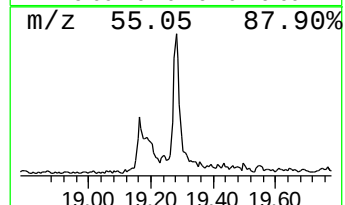
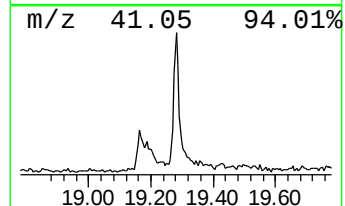
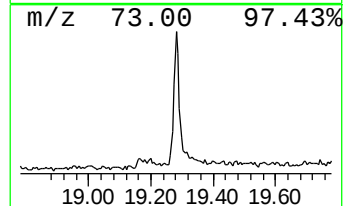
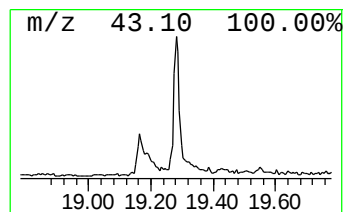
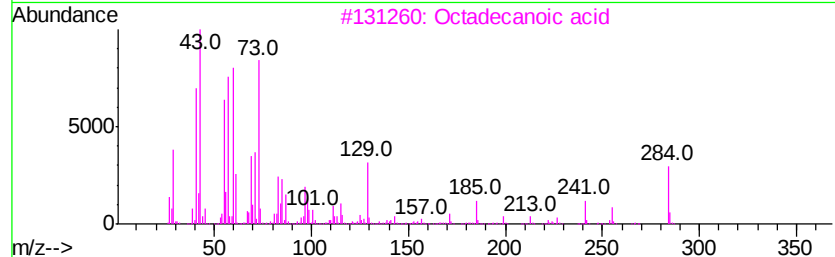
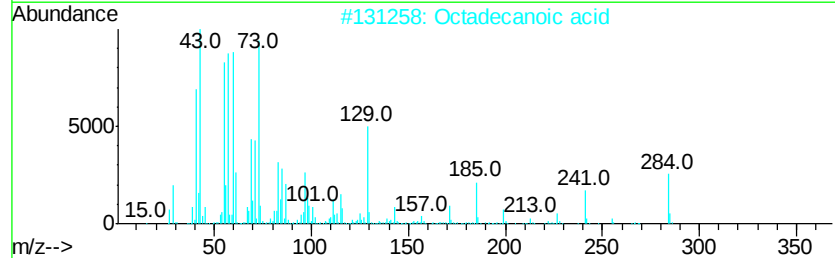
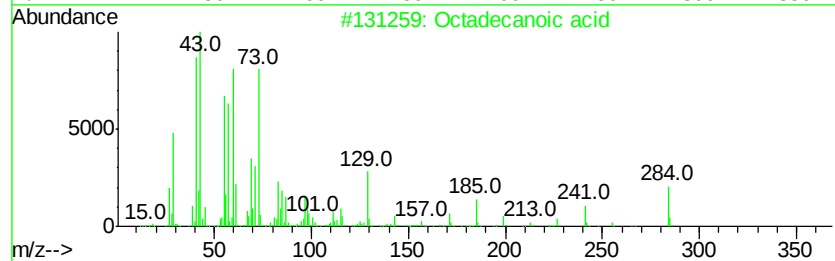
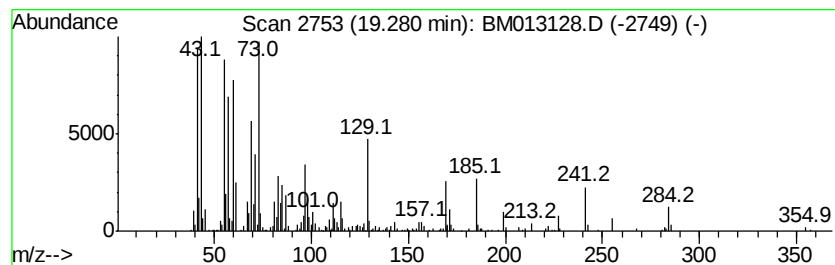
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.84 ng/ul	733167	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013128.D
Acq On : 28 Nov 2017 01:31
Operator : SJ/JU
Sample : I6514-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

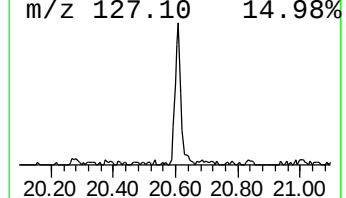
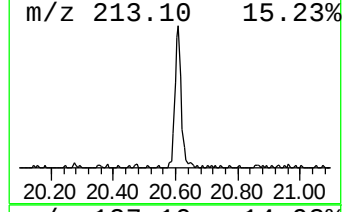
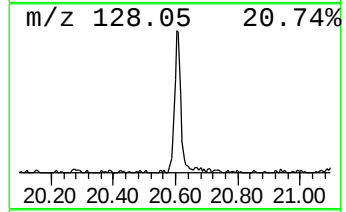
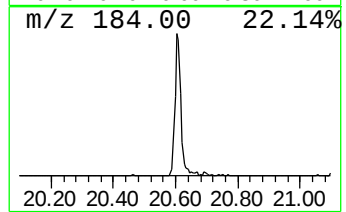
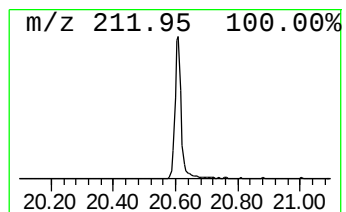
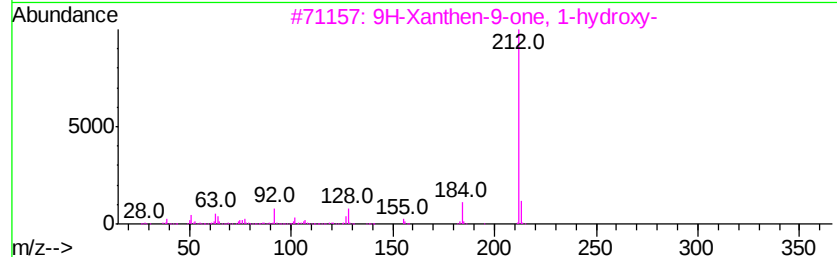
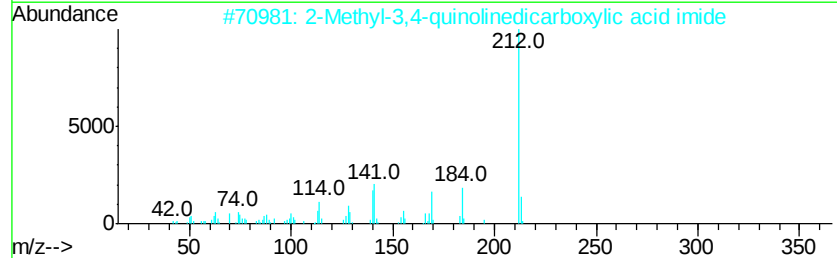
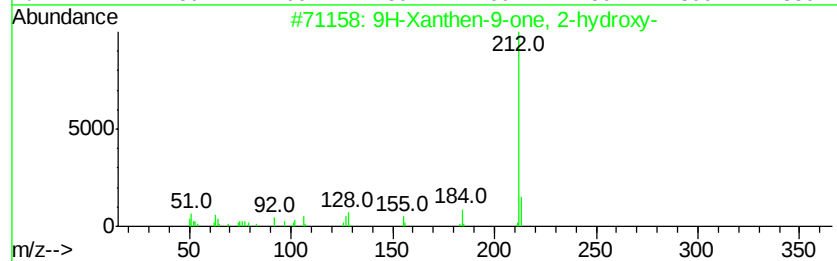
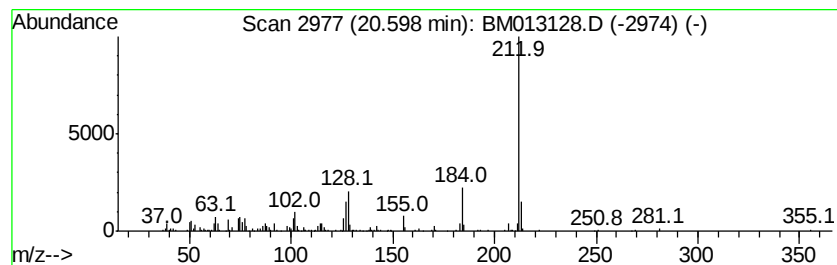
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Xanthen-9-one, 2-hydroxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.64 ng/ul	680340	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Xanthen-9-one, 2-hydroxy-	212	C13H8O3	001915-98-6	90
2		2-Methyl-3,4-quinolinedicarboxyl...	212	C12H8N2O2	027295-64-3	87
3		9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	87
4		4,7-Dihydroxy-1,10-phenanthroline	212	C12H8N2O2	003922-40-5	72
5		9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013128.D
Acq On : 28 Nov 2017 01:31
Operator : SJ/JU
Sample : I6514-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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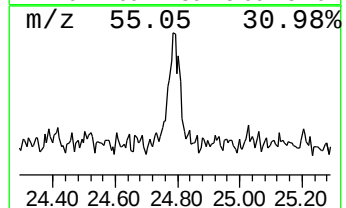
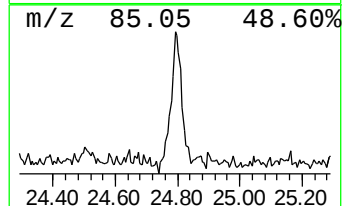
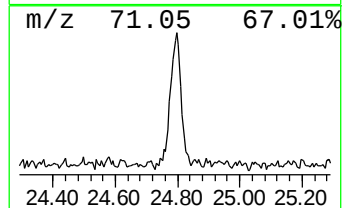
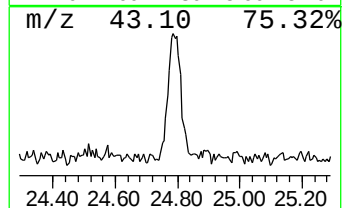
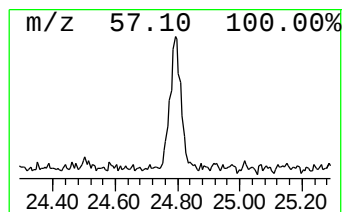
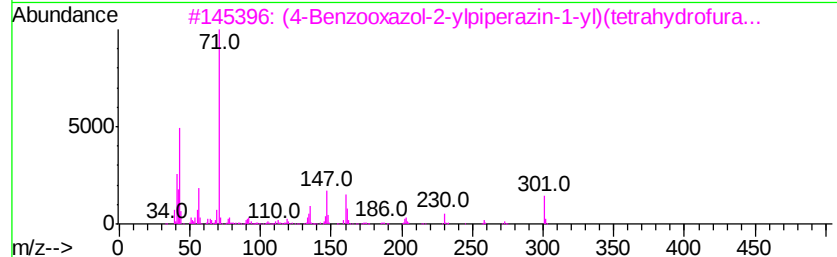
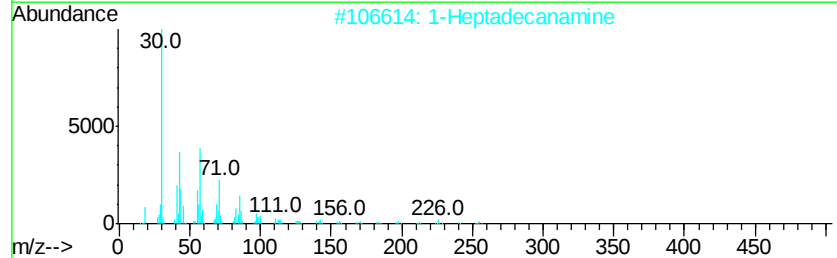
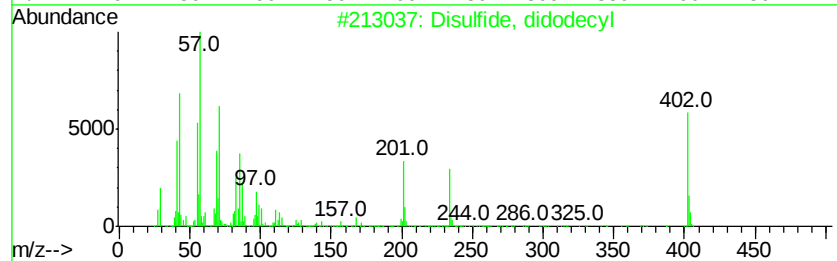
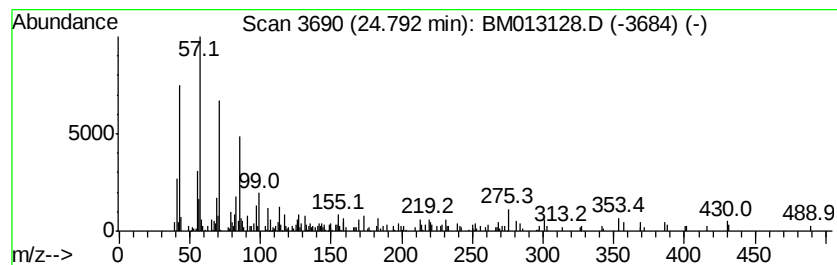
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.65 ng/ul	546259	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, didodecyl	402	C24H50S2	002757-37-1	47
2		1-Heptadecanamine	255	C17H37N	004200-95-7	46
3		(4-Benzooxazol-2-yl)piperazin-1-yl...	301	C16H19N3O3	1000316-83-9	30
4		Dimethylmalonic acid, 2,5-dichlo...	514	C28H44Cl2O4	1000363-69-4	27
5		Dimethylmalonic acid, pentadecyl...	520	C26H39Cl3O4	1000363-65-7	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112717\
Data File : BM013128.D
Acq On : 28 Nov 2017 01:31
Operator : SJ/JU
Sample : I6514-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
Resorcinol	11.56	3.5	ng/ul	426641	2	10.49	2437390	20.0
Hydrocinnamic acid	12.33	9.5	ng/ul	1155550	2	10.49	2437390	20.0
1,2-Benzenediol, ...	12.53	3.4	ng/ul	590610	3	14.35	3486110	20.0
2-Penten-1-one, 1...	16.43	7.0	ng/ul	1574210	4	17.09	4473950	20.0
n-Hexadecanoic acid	18.00	6.9	ng/ul	1538370	4	17.09	4473950	20.0
Octadecanoic acid	19.28	2.8	ng/ul	733167	5	21.27	5154670	20.0
9H-Xanthen-9-one, ...	20.60	2.6	ng/ul	680340	5	21.27	5154670	20.0
unknown-01	24.79	2.6	ng/ul	546259	6	23.50	4125730	20.0