

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013825.D
 Acq On : 26 Jan 2018 02:44
 Operator : SJ/JU
 Sample : J1243-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B37

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-BM011018.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	3.146	23	27	32	rBV3	33564	47323	1.34%	0.122%
2	6.781	638	645	662	rVB2	580376	1128882	32.05%	2.906%
3	6.939	665	672	682	rBV	448992	724761	20.58%	1.866%
4	7.128	698	704	712	rBV	663605	1048960	29.78%	2.700%
5	7.587	776	782	792	rBV	550291	897095	25.47%	2.309%
6	8.304	897	904	916	rBV	733830	1250129	35.49%	3.218%
7	8.745	971	979	990	rBV	631281	1046986	29.73%	2.695%
8	9.463	1094	1101	1117	rVB	527680	915571	26.00%	2.357%
9	9.998	1185	1192	1205	rBV	727026	1309298	37.17%	3.370%
10	10.363	1248	1254	1261	rBV	677937	1140068	32.37%	2.935%
11	10.516	1273	1280	1297	rBV	600830	1172520	33.29%	3.018%
12	11.698	1475	1481	1492	rBV	62067	124004	3.52%	0.319%
13	12.557	1623	1627	1634	rBV4	35708	66313	1.88%	0.171%
14	12.633	1634	1640	1652	rVB2	82933	164703	4.68%	0.424%
15	13.174	1729	1732	1739	rVB4	22965	43635	1.24%	0.112%
16	13.263	1739	1747	1752	rBV3	38094	78989	2.24%	0.203%
17	13.321	1752	1757	1768	rVB4	31155	74445	2.11%	0.192%
18	13.663	1809	1815	1819	rBV	1342371	1864388	52.93%	4.799%
19	13.710	1819	1823	1832	rVB	333495	477880	13.57%	1.230%
20	13.933	1854	1861	1872	rBV	1508811	2222533	63.10%	5.721%
21	14.245	1907	1914	1921	rBV2	912493	1441050	40.91%	3.709%
22	14.304	1921	1924	1931	rVB3	36356	53703	1.52%	0.138%
23	14.480	1949	1954	1970	rBV	368695	809723	22.99%	2.084%
24	14.651	1979	1983	1987	rVB2	30527	42415	1.20%	0.109%
25	15.239	2077	2083	2090	rBV	1810556	2610658	74.12%	6.720%
26	15.298	2090	2093	2098	rVB2	35030	49304	1.40%	0.127%
27	15.386	2101	2108	2116	rBV	503695	784060	22.26%	2.018%
28	15.615	2141	2147	2154	rVB	431451	573451	16.28%	1.476%
29	16.998	2375	2382	2388	rBV	1238323	1770355	50.26%	4.557%
30	17.098	2392	2399	2410	rBV	1970591	2857718	81.14%	7.356%
31	17.421	2450	2454	2463	rVB	32922	51077	1.45%	0.131%
32	17.904	2531	2536	2546	rBV2	276201	414501	11.77%	1.067%
33	19.045	2725	2730	2732	rBV3	33324	50243	1.43%	0.129%
34	19.192	2751	2755	2762	rBV6	89501	124831	3.54%	0.321%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	19.398	2784	2790	2796	rBV	2510731	3321695	94.31%	8.550%
36	20.915	3044	3048	3055	rVB	398874	516426	14.66%	1.329%
37	21.197	3091	3096	3103	rBV	1611276	2061154	58.52%	5.306%
38	23.250	3438	3445	3454	rVB	1818407	3522096	100.00%	9.066%
39	23.386	3462	3468	3478	rVB	1075861	1996368	56.68%	5.139%

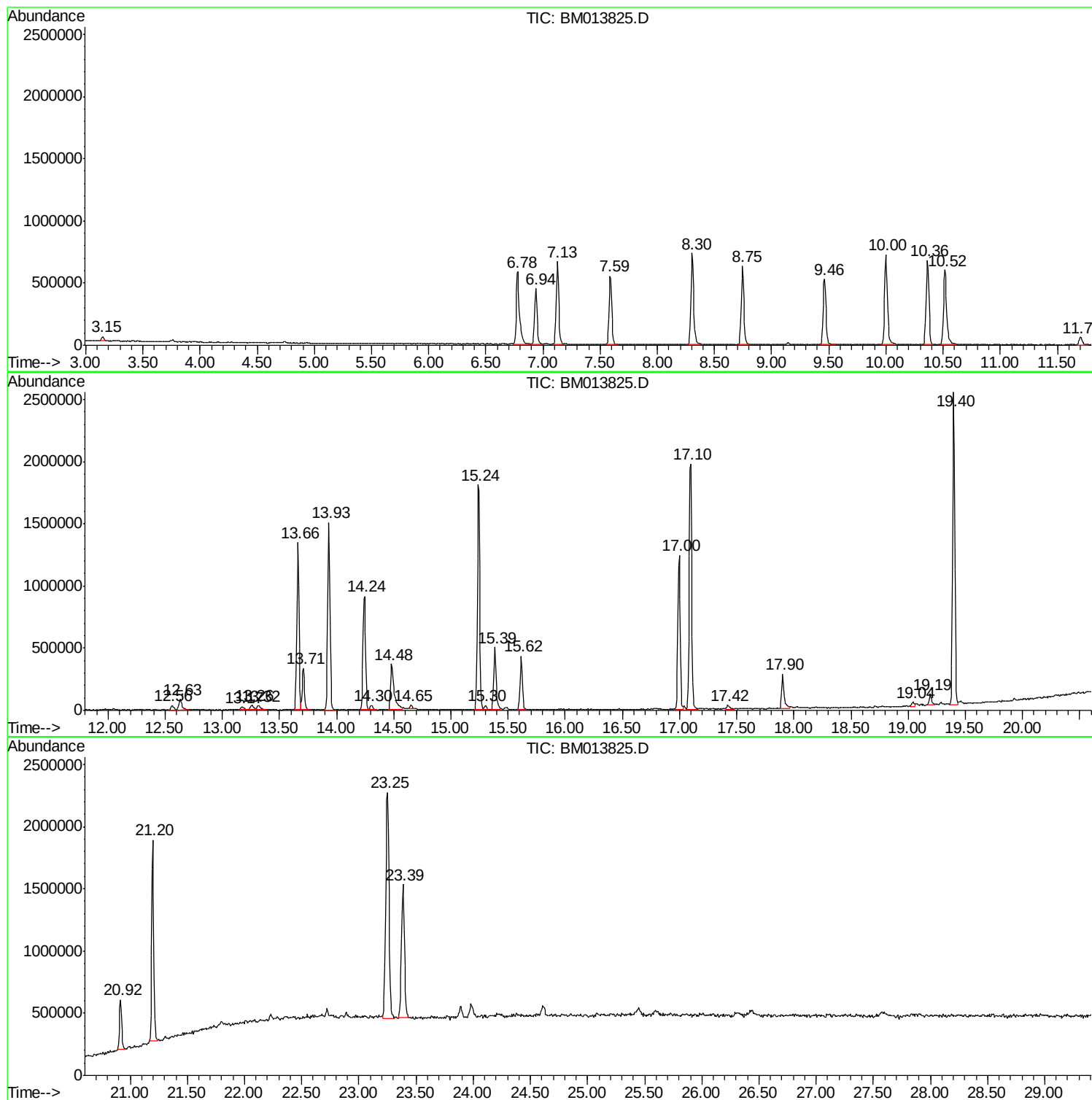
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Quant Title : SVOA CALIBRATION

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



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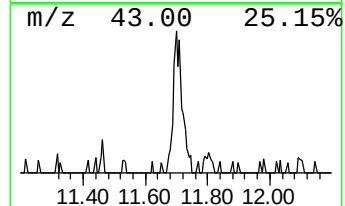
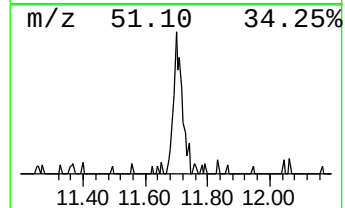
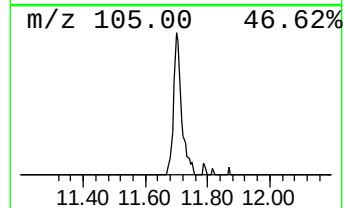
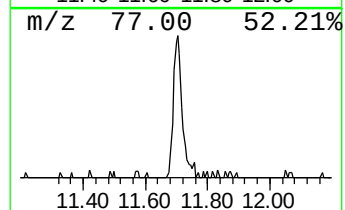
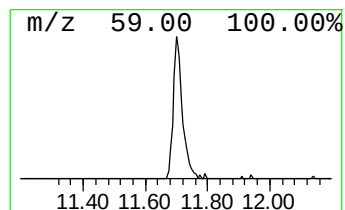
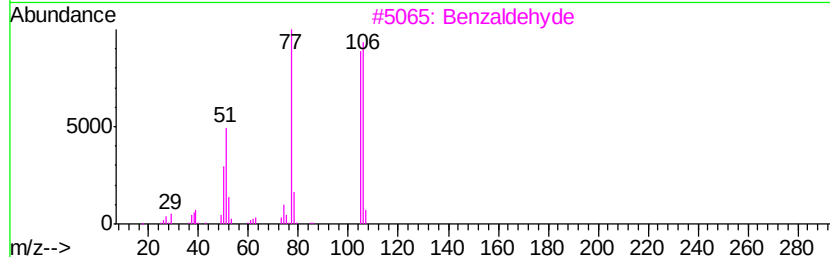
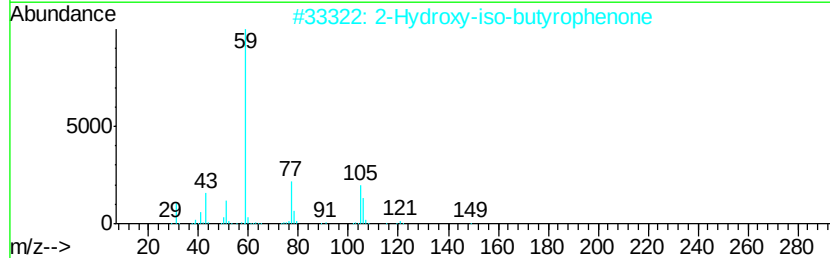
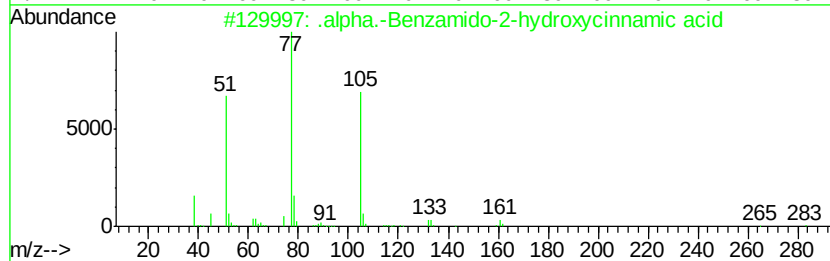
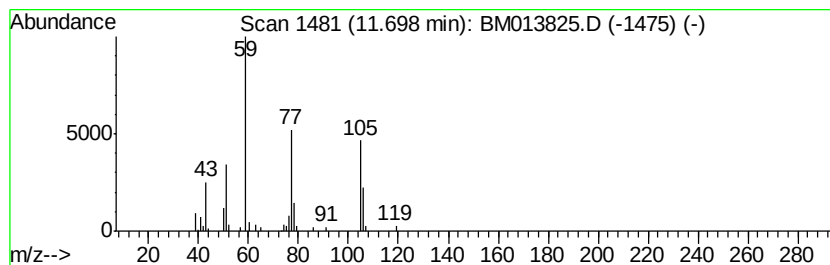
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Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.70	2.18 ng/ul	124004	Napthalene-d8	10.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Benzamido-2-hydroxycinna...	283	C16H13N04	1000223-61-7	27
2	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	17
3	Benzaldehyde	106	C7H6O	000100-52-7	9
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7N04	006118-50-9	9



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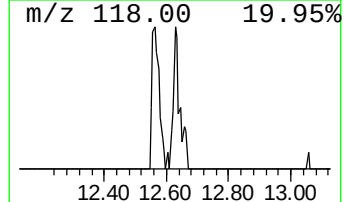
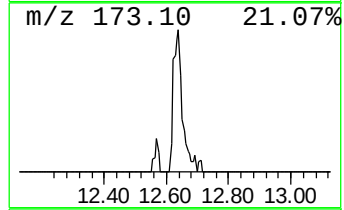
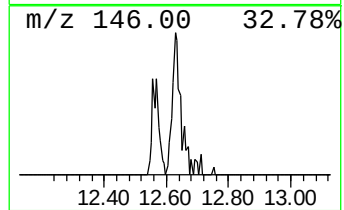
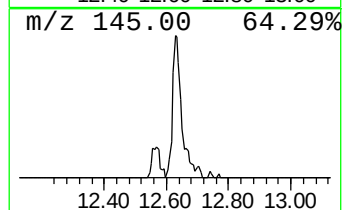
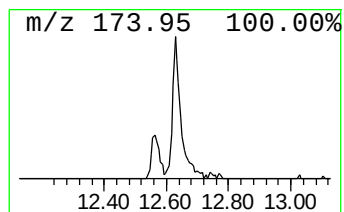
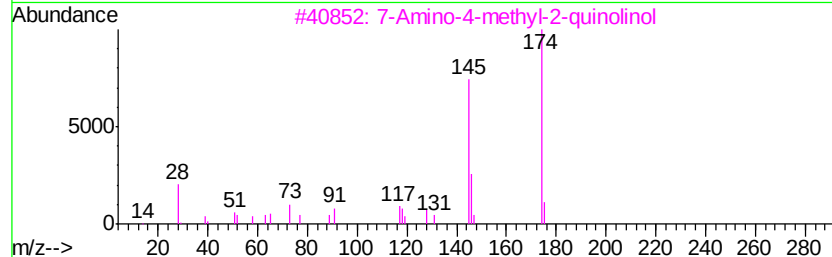
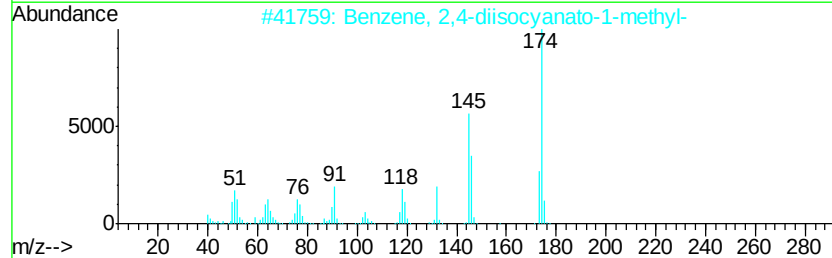
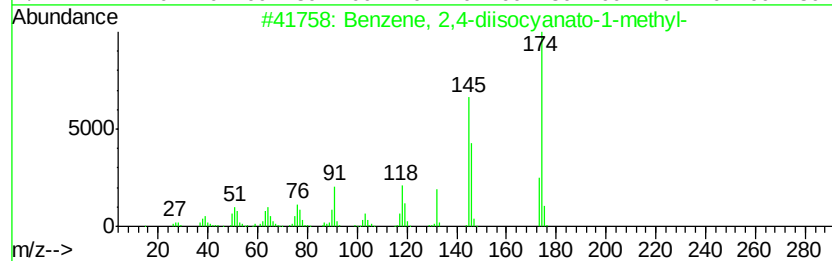
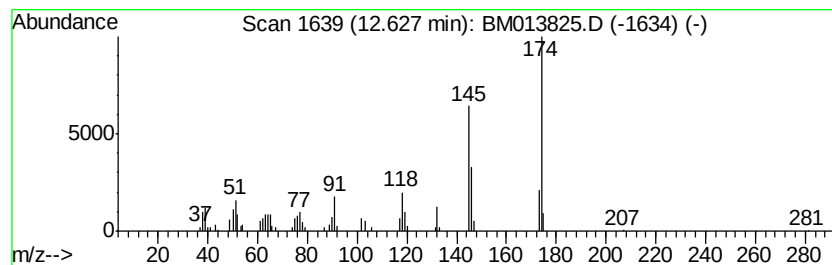
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 2,4-diisocyanato-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.29 ng/ul	164703	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2,4-diisocyanato-1-methyl-	174 C9H6N2O2	000584-84-9 96
2		Benzene, 2,4-diisocyanato-1-methyl-	174 C9H6N2O2	000584-84-9 96
3		7-Amino-4-methyl-2-quinolinol	174 C10H10N2O	019840-99-4 62
4		4H-Pyrido[1,2-a]pyrimidin-4-one,...	174 C10H10N2O	039080-46-1 58
5		Benzo [f]-1,5-diazabicyclo[3.2.2...	174 C11H14N2	007092-76-4 58



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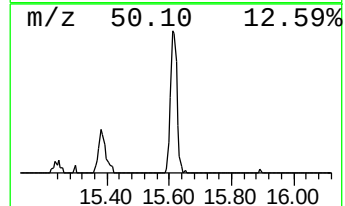
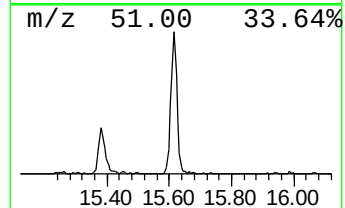
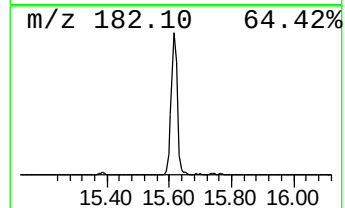
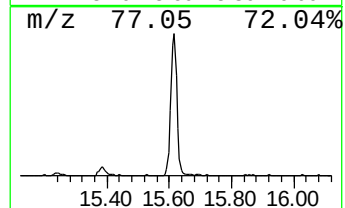
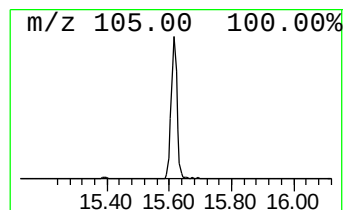
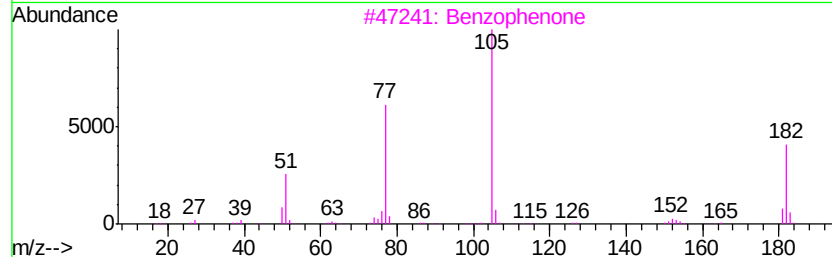
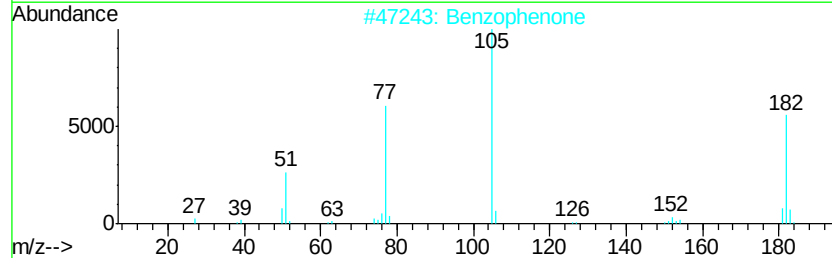
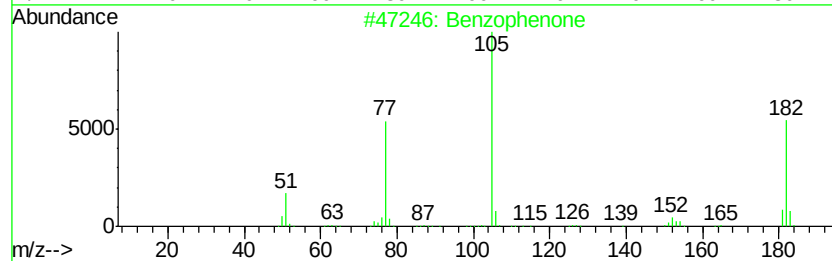
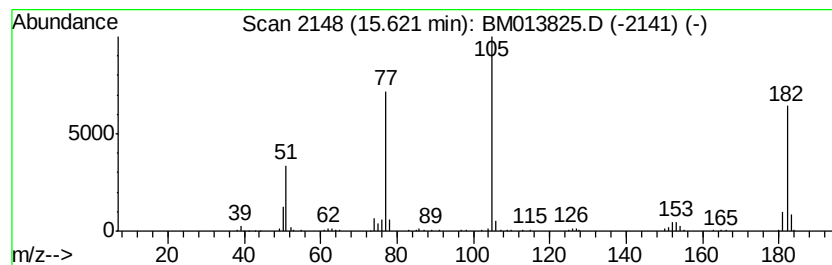
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	7.96 ng/ul	573451	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	97
2	Benzophenone	182 C13H10O	000119-61-9	97
3	Benzophenone	182 C13H10O	000119-61-9	95
4	Benzophenone	182 C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183 C12H9NO	000091-02-1	72



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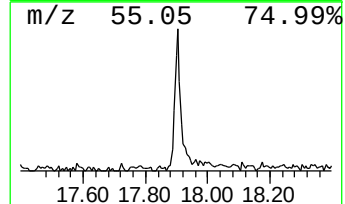
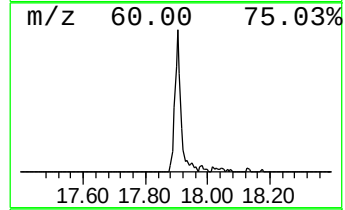
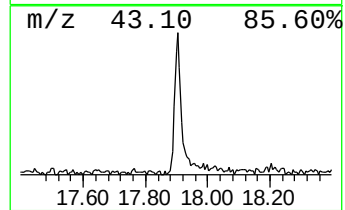
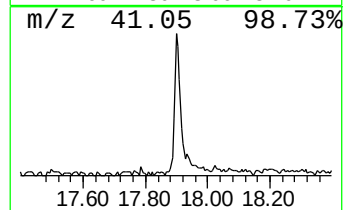
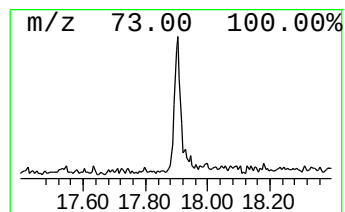
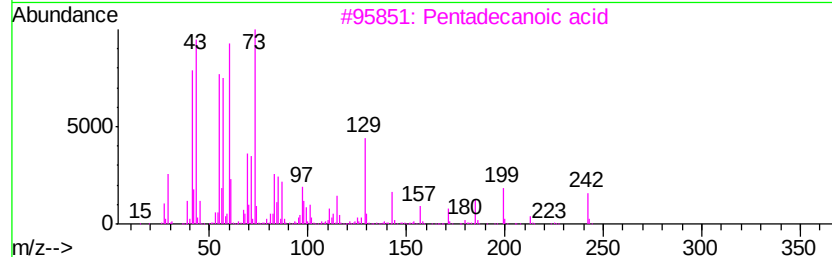
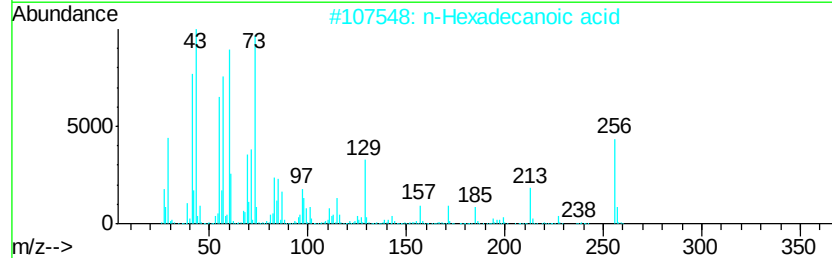
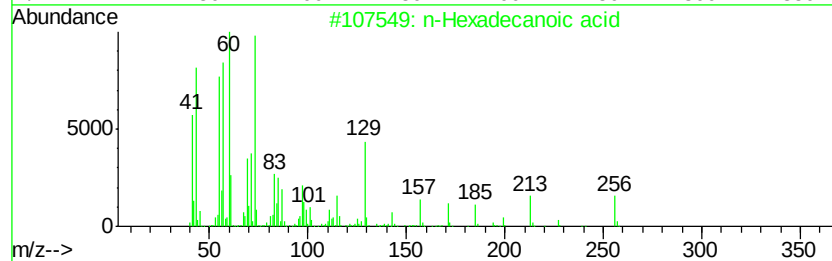
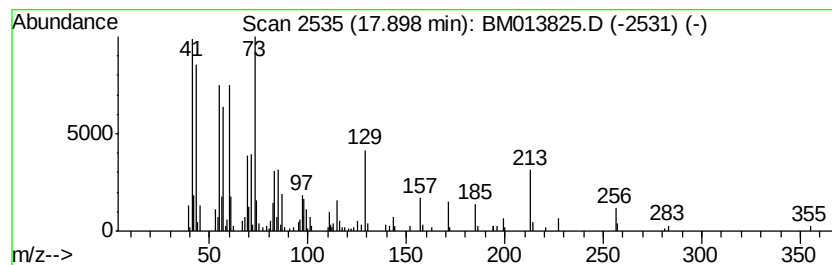
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.68 ng/ul	414501	Phenanthrene-d10	17.00
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	95
3	Pentadecanoic acid	242 C15H30O2	001002-84-2	87
4	Octadecanoic acid	284 C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	72



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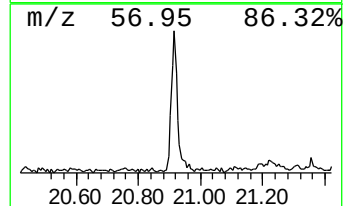
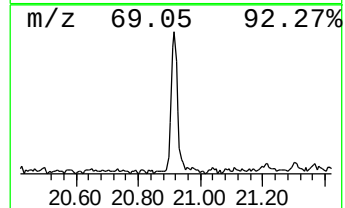
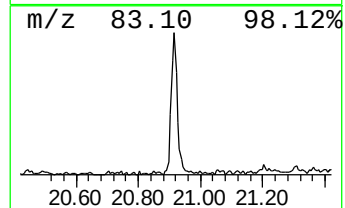
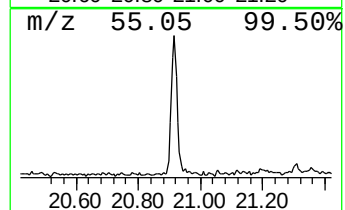
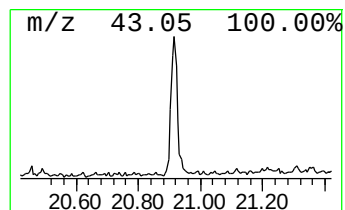
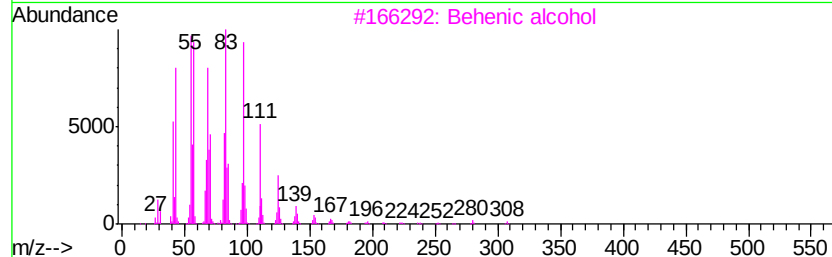
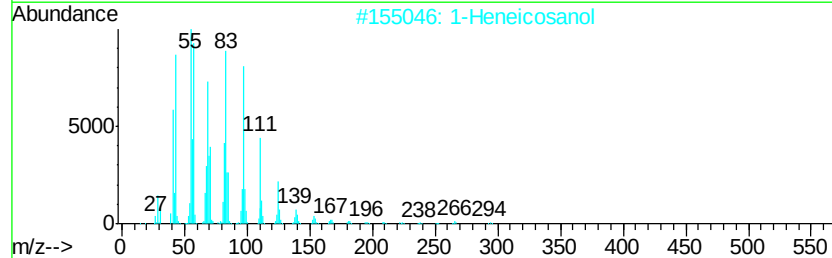
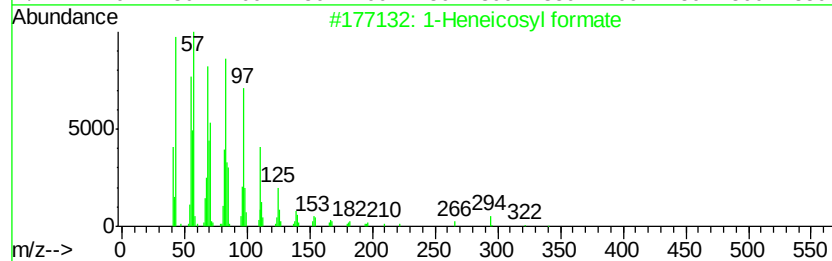
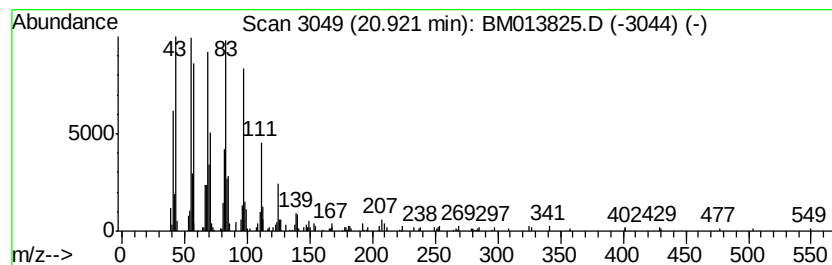
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Peak Number 5 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.01 ng/ul	516426	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	92



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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
unknown-01	11.70	2.2	ng/ul	124004	2	10.36	1140070	20.0
Benzene, 2,4-diis...	12.63	2.3	ng/ul	164703	3	14.24	1441050	20.0
Benzophenone	15.62	8.0	ng/ul	573451	3	14.24	1441050	20.0
n-Hexadecanoic acid	17.90	4.7	ng/ul	414501	4	17.00	1770360	20.0
1-Heneicosyl formate	20.92	5.0	ng/ul	516426	5	21.20	2061150	20.0