

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013052.D
 Acq On : 20 Nov 2017 20:17
 Operator : SJ/JU
 Sample : I6489-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2Y4

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	5.063	330	336	345	rVB	176879	274681	3.59%	0.378%
2	6.887	638	646	657	rVB	287983	454581	5.95%	0.625%
3	7.057	667	675	682	rBV	975582	1499722	19.62%	2.062%
4	7.251	697	708	716	rBV	1110399	1752958	22.93%	2.410%
5	7.716	780	787	797	rBV	869046	1424955	18.64%	1.959%
6	8.416	900	906	915	rVB	878724	1389732	18.18%	1.910%
7	8.869	976	983	991	rVB	1360239	2219112	29.03%	3.050%
8	9.157	1026	1032	1036	rBV2	47840	77048	1.01%	0.106%
9	9.586	1098	1105	1114	rBV	1124387	1886816	24.68%	2.594%
10	10.116	1189	1195	1203	rVB	1644287	2812371	36.79%	3.866%
11	10.498	1253	1260	1266	rBV	1215875	2010190	26.29%	2.763%
12	10.557	1266	1270	1275	rVB4	53473	85453	1.12%	0.117%
13	10.869	1316	1323	1333	rVB8	33996	86021	1.13%	0.118%
14	10.963	1333	1339	1348	rBV3	63233	123356	1.61%	0.170%
15	11.075	1352	1358	1366	rVB4	68294	148202	1.94%	0.204%
16	11.398	1408	1413	1422	rBV6	42357	77856	1.02%	0.107%
17	11.845	1481	1489	1498	rVB	130589	238105	3.11%	0.327%
18	12.057	1517	1525	1528	rBV2	50923	94173	1.23%	0.129%
19	13.257	1724	1729	1736	rVB2	76619	120567	1.58%	0.166%
20	13.769	1808	1816	1828	rBV	3280028	4672811	61.12%	6.423%
21	14.045	1850	1863	1870	rBV	3622636	5431320	71.04%	7.466%
22	14.357	1908	1916	1926	rBV2	1853516	2871928	37.57%	3.948%
23	14.557	1945	1950	1956	rBV	312636	468837	6.13%	0.644%
24	15.104	2038	2043	2050	rVB	135131	181039	2.37%	0.249%
25	15.351	2079	2085	2091	rBV	4519900	6413245	83.89%	8.816%
26	15.404	2091	2094	2099	rVB2	59993	85844	1.12%	0.118%
27	15.468	2099	2105	2113	rBV	1476901	2133784	27.91%	2.933%
28	15.592	2122	2126	2133	rVB2	158116	218048	2.85%	0.300%
29	15.698	2141	2144	2152	rVB9	48334	83550	1.09%	0.115%
30	15.863	2167	2172	2180	rBV	142149	234559	3.07%	0.322%
31	16.039	2195	2202	2212	rBV	628941	1007645	13.18%	1.385%
32	16.374	2255	2259	2263	rBV	102817	154654	2.02%	0.213%
33	17.104	2374	2383	2391	rBV2	2326047	3460357	45.26%	4.757%
34	17.198	2393	2399	2406	rVV	4728581	6904021	90.31%	9.491%

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35	18.009	2532	2537	2545	rBV4	228542	360359	4.71%	0.495%
36	18.139	2556	2559	2564	rVB	56431	78738	1.03%	0.108%
37	18.292	2583	2585	2589	rVB2	71016	83318	1.09%	0.115%
38	19.127	2722	2727	2731	rBV3	81113	118811	1.55%	0.163%
39	19.292	2751	2755	2766	rBV2	432721	686356	8.98%	0.943%
40	19.498	2783	2790	2795	rBV	5832271	7645118	100.00%	10.509%
41	19.545	2795	2798	2802	rVB	74720	98025	1.28%	0.135%
42	20.539	2964	2967	2974	rVB6	82072	111271	1.46%	0.153%
43	21.286	3088	3094	3100	rBV	2925200	3623943	47.40%	4.982%
44	23.380	3442	3450	3456	rBV2	3295494	6032000	78.90%	8.292%
45	23.515	3467	3473	3481	rVB	1532589	2810815	36.77%	3.864%

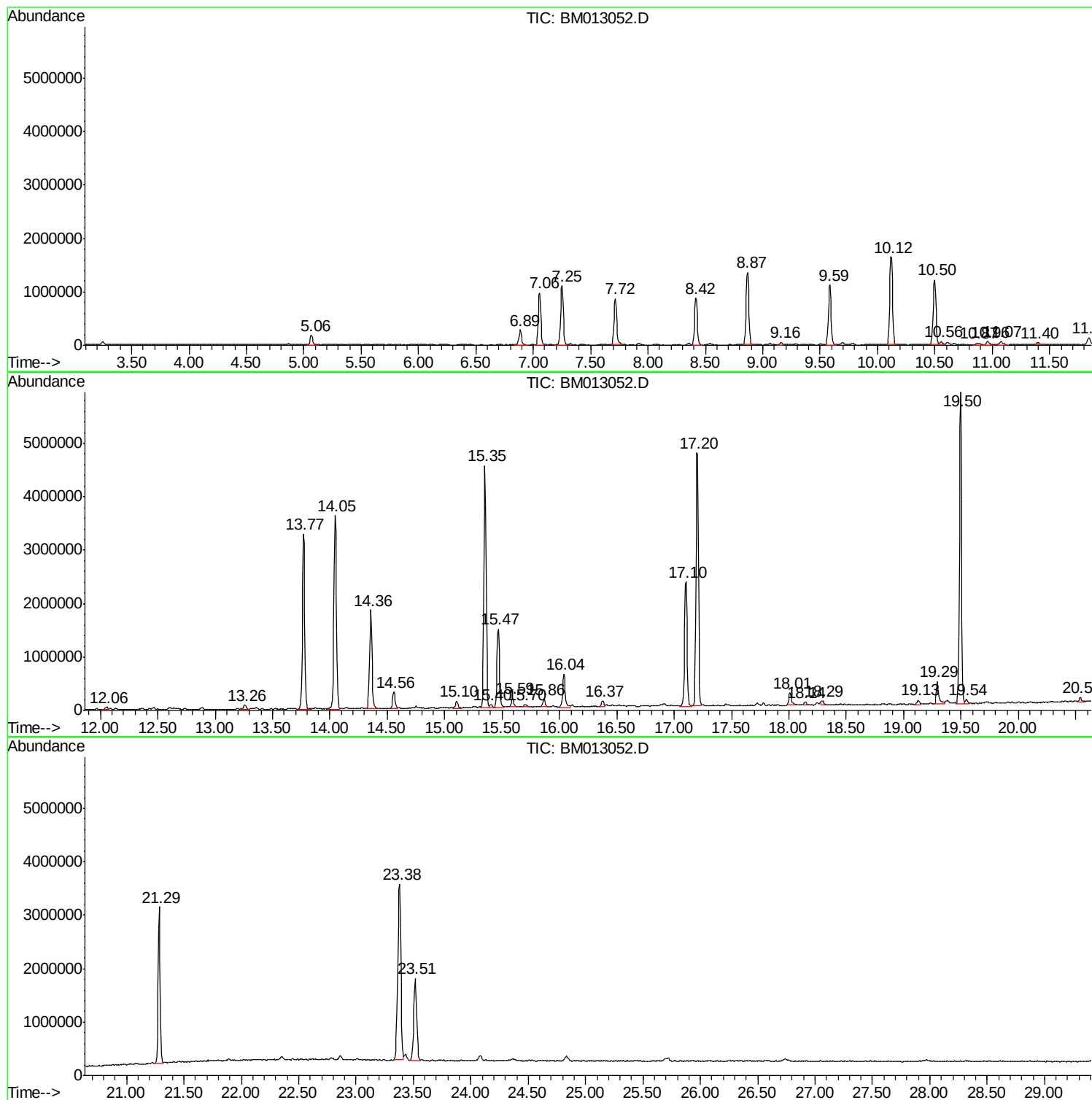
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Quant Title : SVOA CALIBRATION

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



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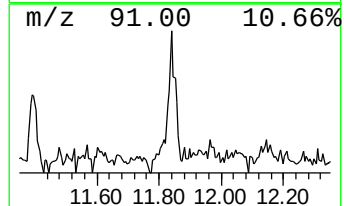
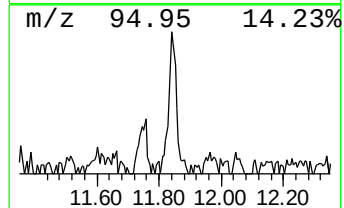
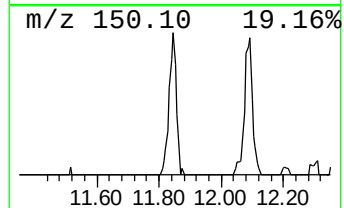
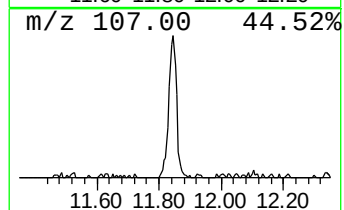
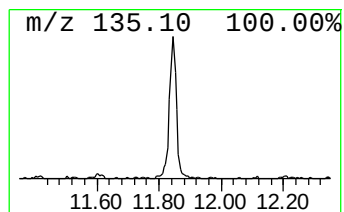
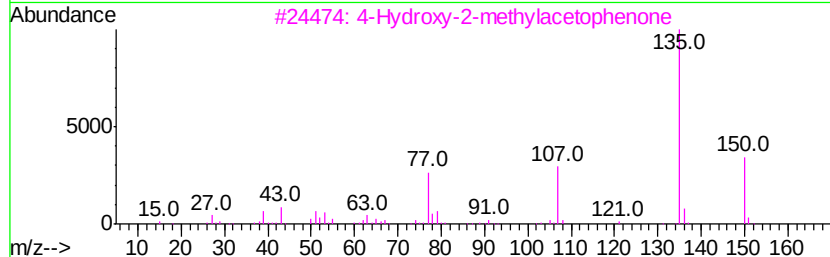
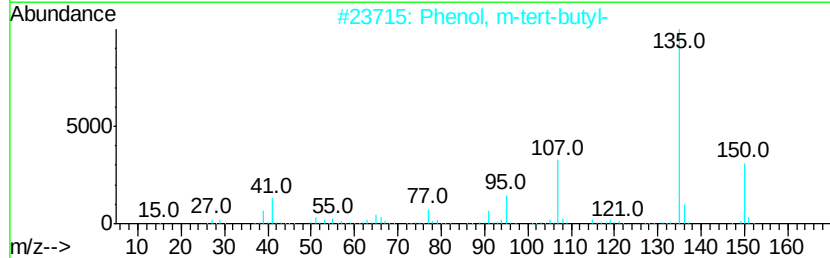
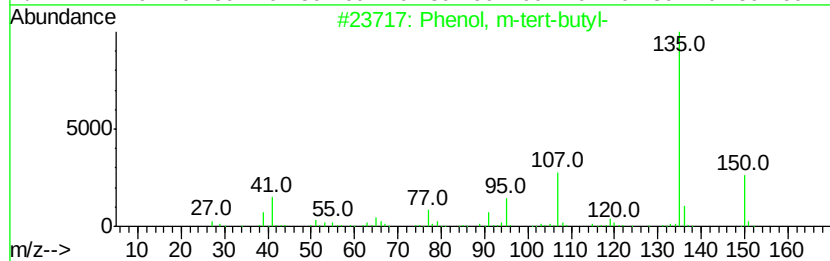
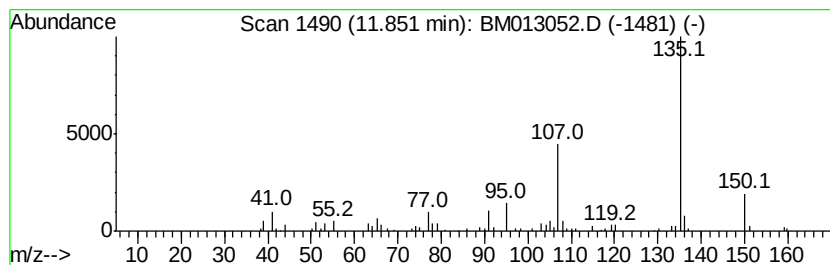
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenol, m-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.37 ng/ul	238105	Napthalene-d8	10.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, m-tert-butyl-	150 C10H14O	000585-34-2	83
2	Phenol, m-tert-butyl-	150 C10H14O	000585-34-2	81
3	4-Hydroxy-2-methylacetophenone	150 C9H10O2	000875-59-2	64
4	4-Hydroxy-3-methylacetophenone	150 C9H10O2	000876-02-8	53
5	3-Methoxyacetophenone	150 C9H10O2	000586-37-8	53



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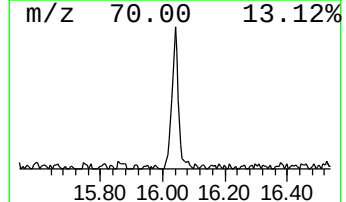
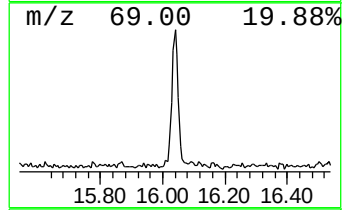
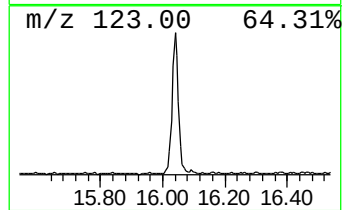
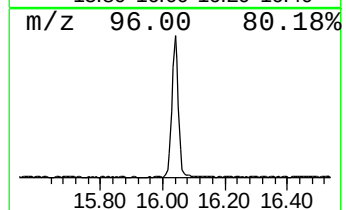
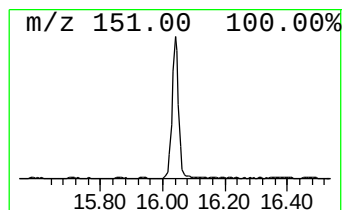
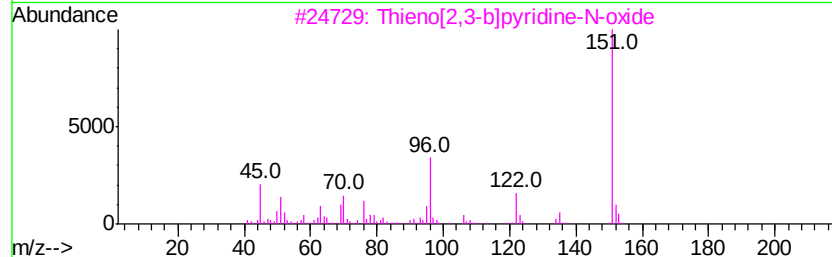
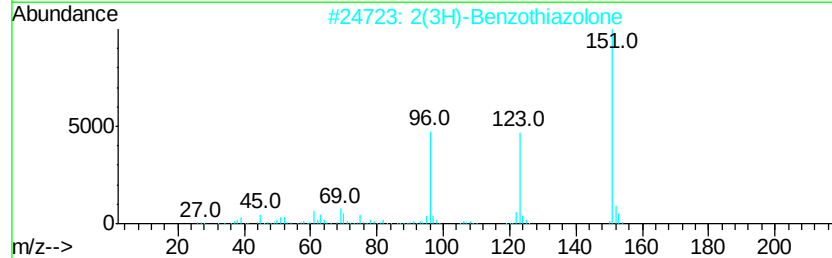
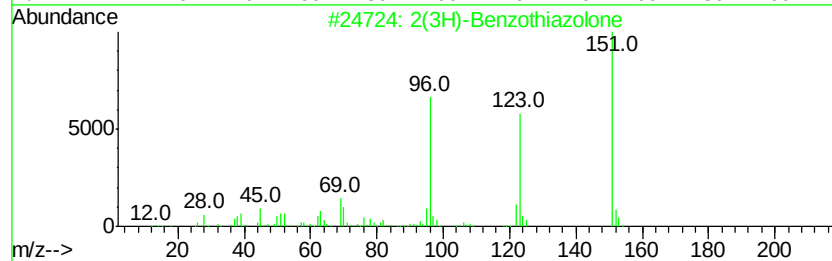
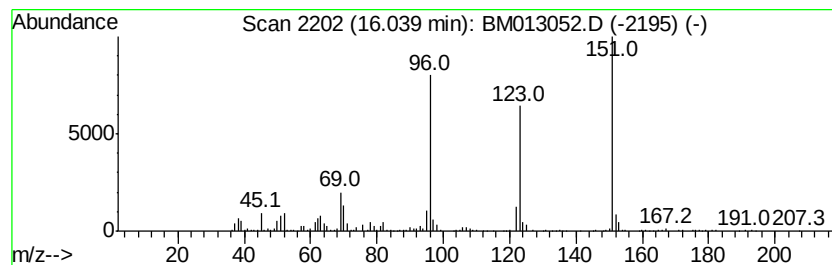
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Peak Number 3 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.04	5.82 ng/ul	1007650	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2		2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	76
3		Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
4		6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	38
5		1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	35



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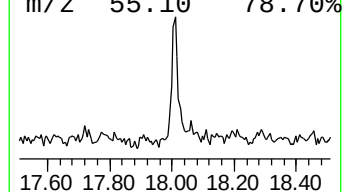
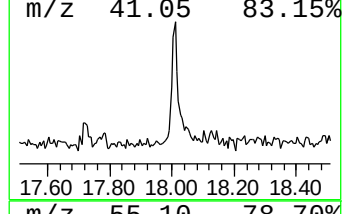
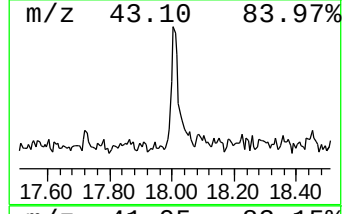
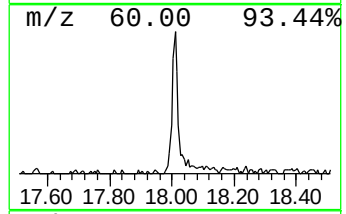
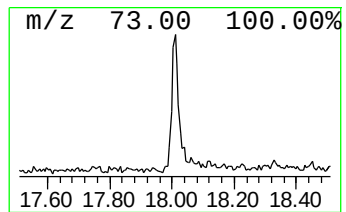
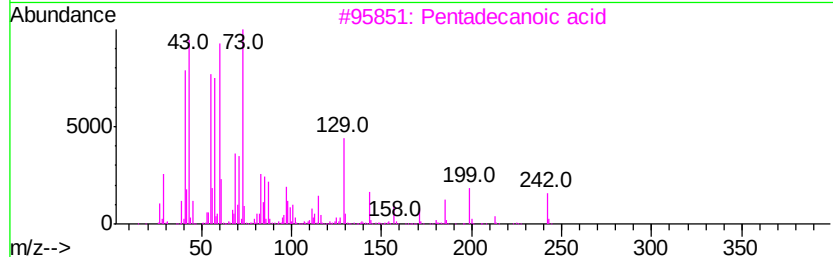
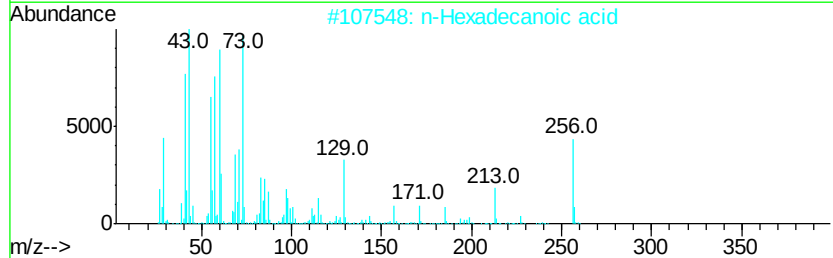
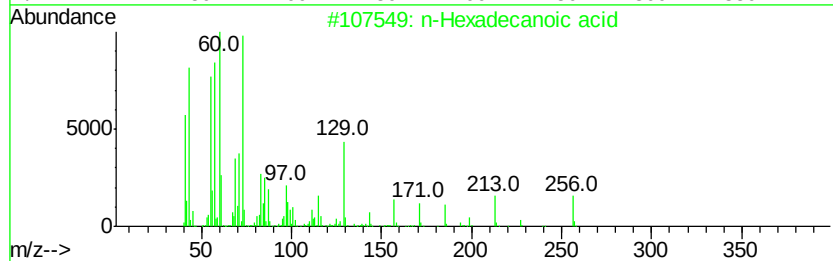
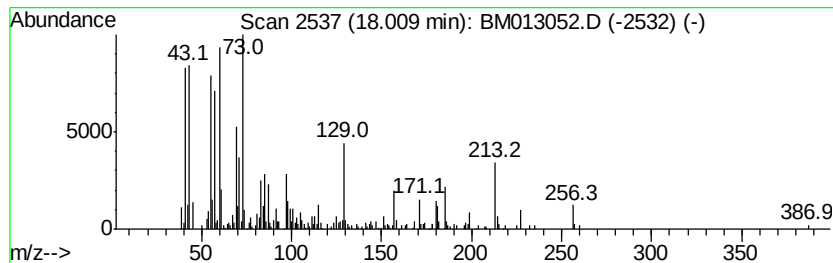
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.08 ng/ul	360359	Phenanthrene-d10	17.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	70



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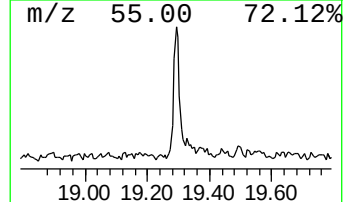
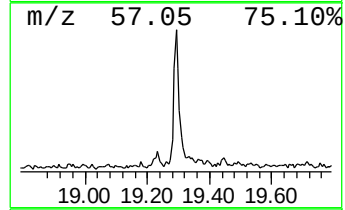
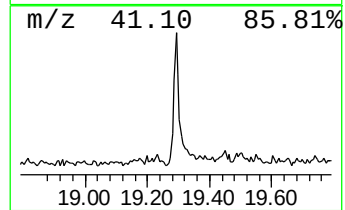
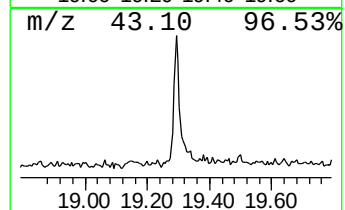
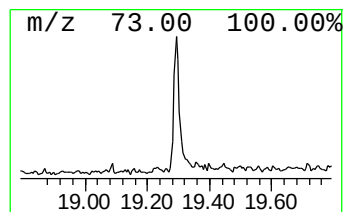
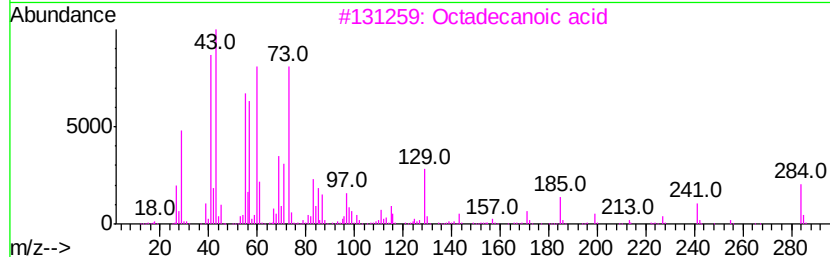
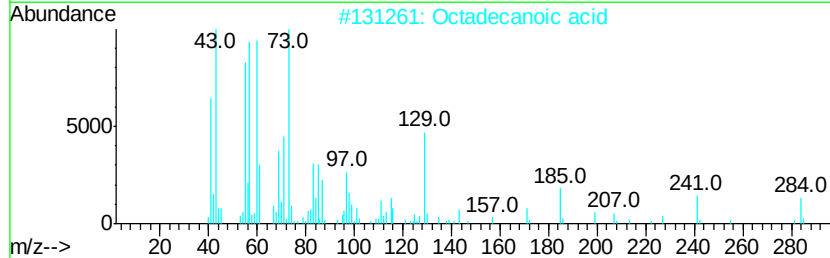
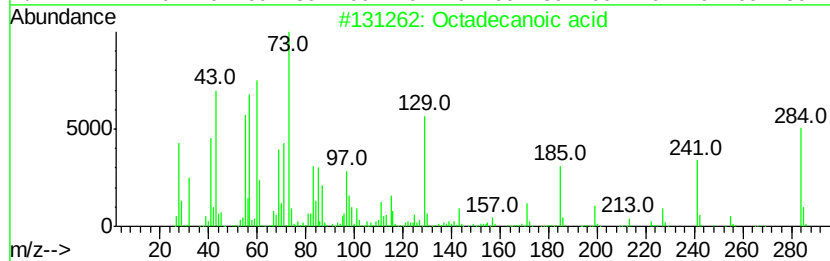
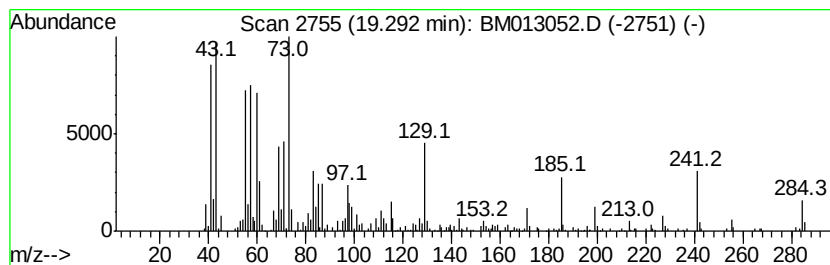
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Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.29	3.79 ng/ul	686356	Chrysene-d12	21.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenol, m-tert-bu...	11.85	2.4	ng/ul	238105	2	10.50	2010190	20.0
2(3H)-Benzothiazo...	16.04	5.8	ng/ul	1007650	4	17.10	3460360	20.0
n-Hexadecanoic acid	18.01	2.1	ng/ul	360359	4	17.10	3460360	20.0
Octadecanoic acid	19.29	3.8	ng/ul	686356	5	21.29	3623940	20.0