

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011579.D
 Acq On : 18 Sep 2017 21:13
 Operator : SJ/JU
 Sample : I5234-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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-BM090817MA.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	5.287	331	340	357	rBV2	68074585	130030152	60.96%	20.417%
2	7.122	646	652	670	rVB2	312557	718615	0.34%	0.113%
3	7.292	675	681	693	rBV	1021709	1695264	0.79%	0.266%
4	7.498	709	716	728	rBV	1046116	1809809	0.85%	0.284%
5	7.863	769	778	790	rBV	6902983	11027097	5.17%	1.731%
6	8.022	790	805	828	rVB3	66437981	140474179	65.85%	22.057%
7	8.363	847	863	868	rBV5	70493820	213312200	100.00%	33.493%
8	8.663	908	914	927	rBV	805020	1379266	0.65%	0.217%
9	9.133	986	994	997	rBV	1274717	2131806	1.00%	0.335%
10	9.175	997	1001	1008	rVB	2137943	3571986	1.67%	0.561%
11	9.857	1110	1117	1126	rBV	913098	1609407	0.75%	0.253%
12	10.392	1201	1208	1217	rBV	1378046	2419171	1.13%	0.380%
13	10.645	1241	1251	1266	rVV	24587558	41538369	19.47%	6.522%
14	10.780	1266	1274	1287	rVB	2213941	3836214	1.80%	0.602%
15	10.916	1287	1297	1307	rBV	118875	235920	0.11%	0.037%
16	11.157	1330	1338	1354	rBV	4349701	7586147	3.56%	1.191%
17	11.375	1369	1375	1382	rVB	404368	671409	0.31%	0.105%
18	11.586	1407	1411	1425	rVB2	106871	220949	0.10%	0.035%
19	12.792	1605	1616	1624	rBV	840031	1529969	0.72%	0.240%
20	13.404	1712	1720	1730	rBV	2893892	4648094	2.18%	0.730%
21	13.610	1750	1755	1769	rVB	249306	426359	0.20%	0.067%
22	13.998	1815	1821	1826	rBV	2843338	4099675	1.92%	0.644%
23	14.045	1826	1829	1838	rVB	722733	997035	0.47%	0.157%
24	14.292	1864	1871	1878	rBV	3037166	4556159	2.14%	0.715%
25	14.598	1913	1923	1934	rVB2	3145387	5004110	2.35%	0.786%
26	14.786	1949	1955	1966	rBV	149338	325991	0.15%	0.051%
27	15.586	2084	2091	2101	rBV	4007839	5954788	2.79%	0.935%
28	15.698	2104	2110	2121	rVV	1306570	1845184	0.87%	0.290%
29	16.286	2205	2210	2221	rBV	153861	260479	0.12%	0.041%
30	17.339	2382	2389	2398	rBV2	4095886	5800769	2.72%	0.911%
31	17.439	2399	2406	2422	rVB	4592336	6648719	3.12%	1.044%
32	18.209	2531	2537	2548	rBV	523965	806442	0.38%	0.127%
33	19.186	2695	2703	2709	rVB	905138	1165219	0.55%	0.183%
34	19.480	2748	2753	2763	rBV2	323180	481452	0.23%	0.076%

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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	19.721	2788	2794	2803	rBV	5874604	7582066	3.55%	1.190%
36	21.192	3040	3044	3053	rBV	355238	541817	0.25%	0.085%
37	21.503	3091	3097	3106	rBV	5132171	6465805	3.03%	1.015%
38	21.586	3108	3111	3116	rVB	421903	524290	0.25%	0.082%
39	23.721	3467	3474	3485	rBV2	3586800	6815665	3.20%	1.070%
40	23.874	3493	3500	3514	rVB	2858369	5650595	2.65%	0.887%
41	24.409	3587	3591	3600	rVB2	253855	483630	0.23%	0.076%

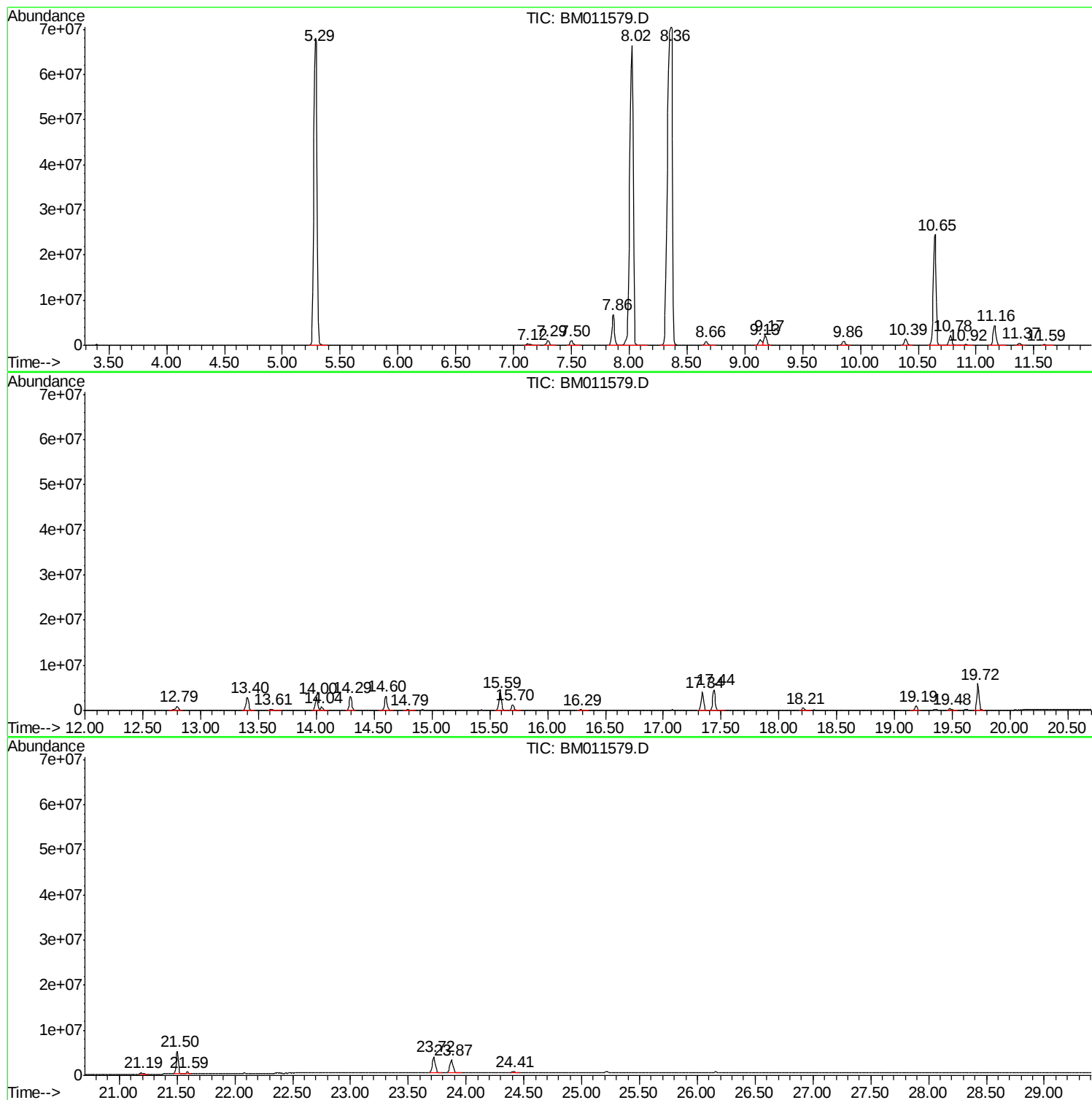
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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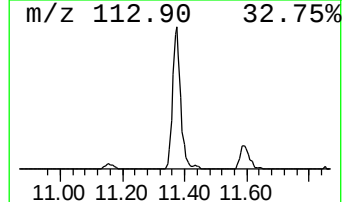
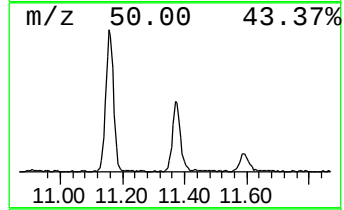
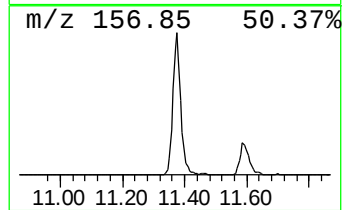
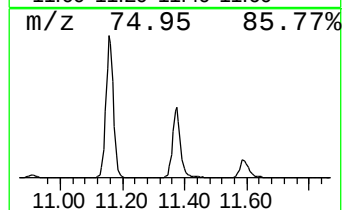
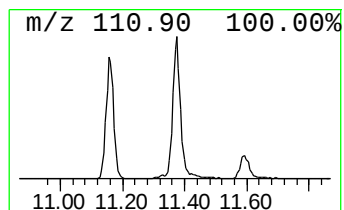
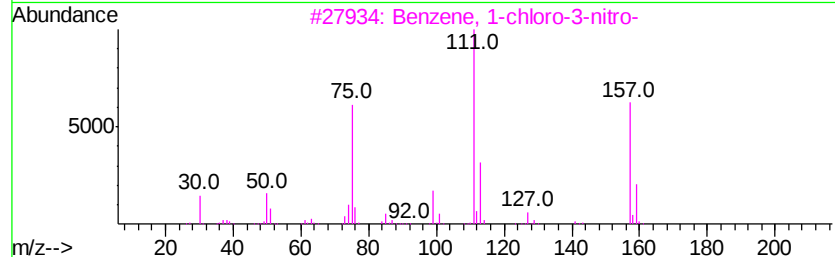
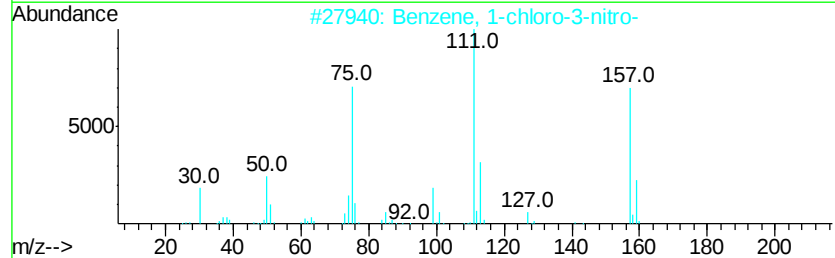
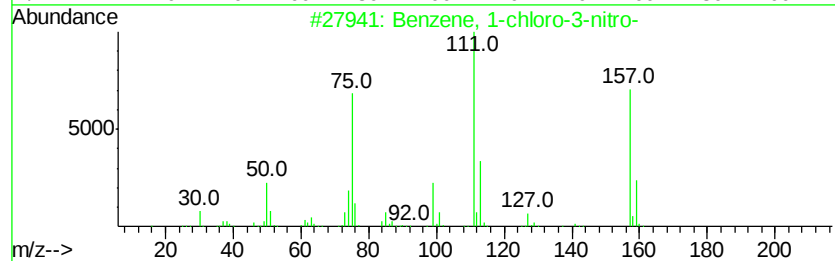
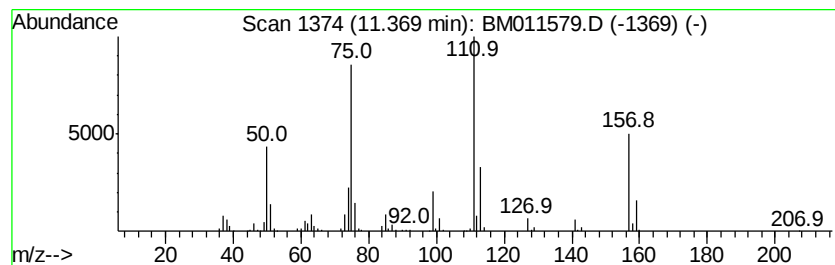
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.50 ng/ul	671409	Naphthalene-d8	10.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	89
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	89
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64
5		Benzene, 1-chloro-4-(methylsulfo...	190	C7H7ClO2S	000098-57-7	56



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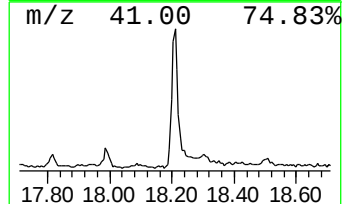
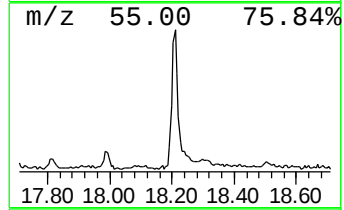
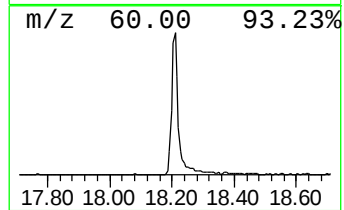
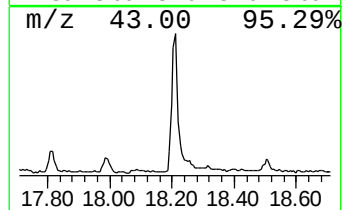
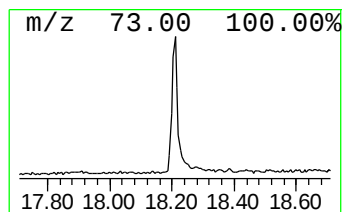
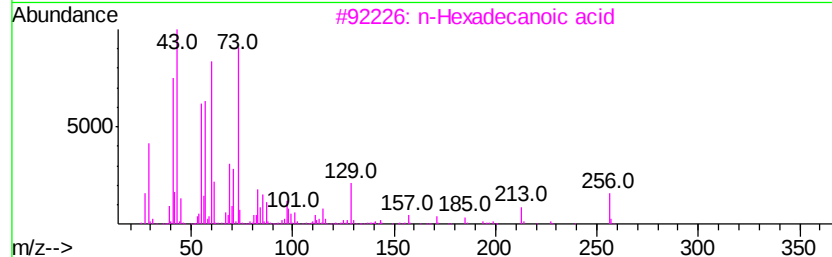
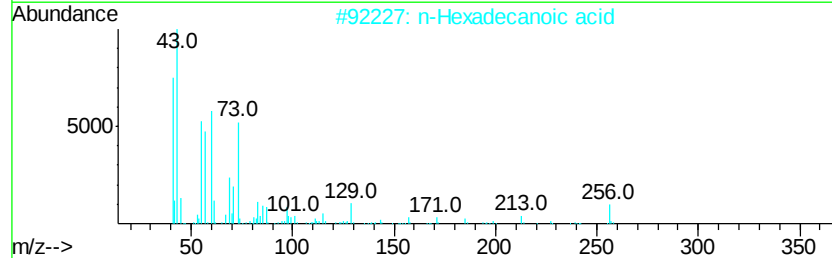
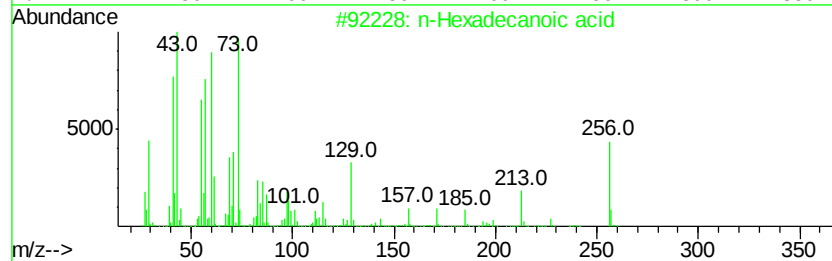
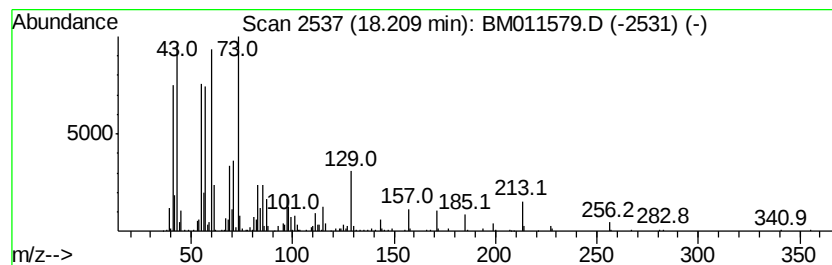
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.78 ng/ul	806442	Phenanthrene-d10	17.34

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	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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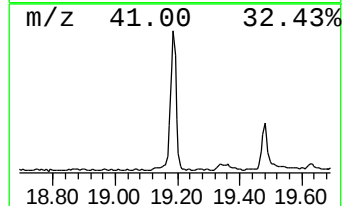
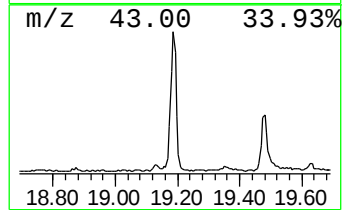
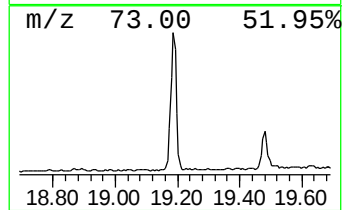
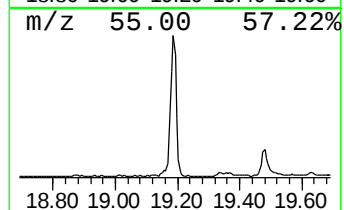
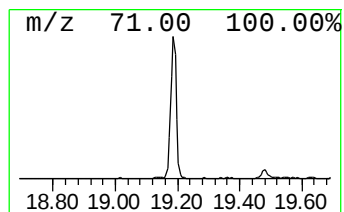
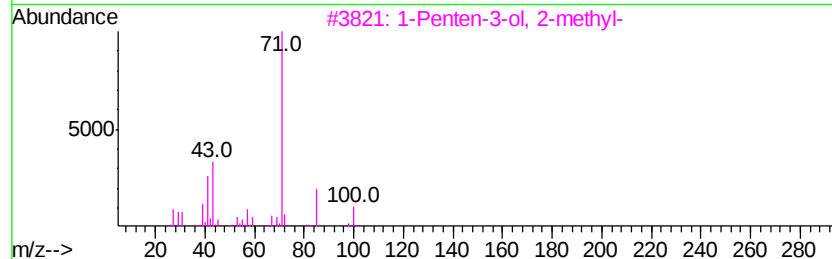
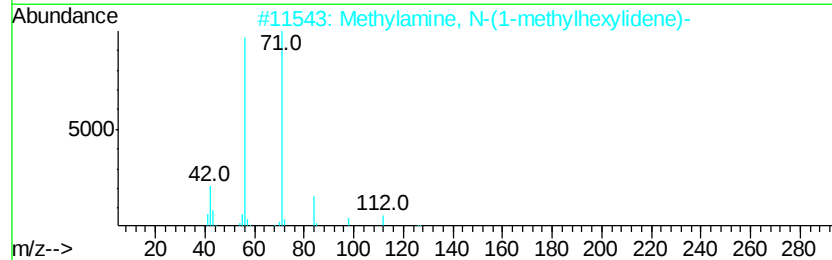
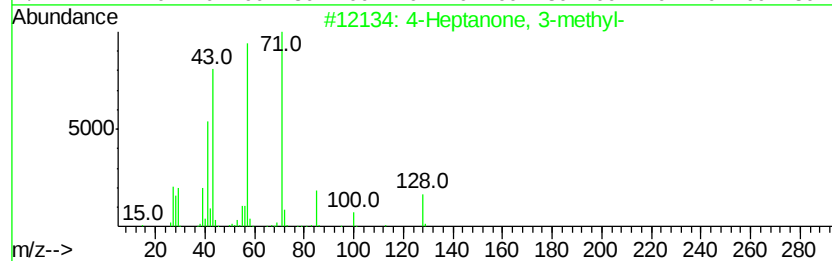
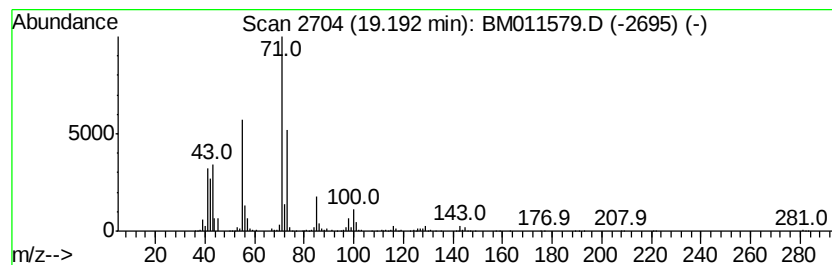
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4-Heptanone, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	4.02 ng/ul	1165220	Phenanthrene-d10	17.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	59
2		Methylamine, N-(1-methylhexylidene)-	127	C8H17N	022058-71-5	50
3		1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	42
4		2(3H)-Furanone, dihydro-3-hydroxy-	130	C6H10O3	052126-90-6	40
5		Pantolactone	130	C6H10O3	000599-04-2	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.37	3.5	ng/ul	671409	2	10.78	3836210	20.0
n-Hexadecanoic acid	18.21	2.8	ng/ul	806442	4	17.34	5800770	20.0
4-Heptanone, 3-me...	19.19	4.0	ng/ul	1165220	4	17.34	5800770	20.0