

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005509.D
 Acq On : 19 May 2016 21:27
 Operator : UM/SJ
 Sample : H2841-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WW5

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\SOM02.2-EPA-BM051816.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	6.992	742	749	757	rVB	119975	195477	4.29%	0.661%
2	7.169	773	779	787	rVB	75750	126841	2.79%	0.429%
3	7.369	806	813	822	rBV	108454	186383	4.10%	0.630%
4	7.833	886	892	899	rVB	153698	255026	5.60%	0.862%
5	8.528	1004	1010	1017	rBV	150328	253106	5.56%	0.855%
6	8.986	1082	1088	1096	rVB	110878	187391	4.12%	0.633%
7	9.704	1204	1210	1218	rBV	86155	145701	3.20%	0.492%
8	10.239	1295	1301	1310	rVB	163637	279410	6.14%	0.944%
9	10.622	1360	1366	1375	rVB	260604	443377	9.74%	1.499%
10	10.757	1381	1389	1399	rBV	86352	162396	3.57%	0.549%
11	13.874	1913	1919	1923	rBV	334009	478435	10.51%	1.617%
12	13.921	1923	1927	1935	rVB	99131	141173	3.10%	0.477%
13	14.157	1961	1967	1973	rBV	394349	571440	12.56%	1.931%
14	14.462	2013	2019	2026	rVB2	490137	745734	16.38%	2.520%
15	14.645	2044	2050	2057	rBV	215655	318711	7.00%	1.077%
16	15.457	2178	2188	2195	rBV	554089	817596	17.96%	2.763%
17	15.562	2201	2206	2212	rBV	135013	197439	4.34%	0.667%
18	17.080	2460	2464	2468	rBV3	40794	62043	1.36%	0.210%
19	17.203	2478	2485	2490	rBV	823215	1217986	26.76%	4.117%
20	17.298	2496	2501	2508	rVB	681305	992130	21.80%	3.353%
21	17.803	2580	2587	2596	rVB	112728	231094	5.08%	0.781%
22	17.933	2603	2609	2613	rBV2	60178	85910	1.89%	0.290%
23	18.050	2625	2629	2633	rBV2	36198	51153	1.12%	0.173%
24	18.092	2633	2636	2642	rBV3	73827	119687	2.63%	0.405%
25	18.274	2662	2667	2672	rBV6	58949	92853	2.04%	0.314%
26	18.556	2712	2715	2720	rBV6	49422	78187	1.72%	0.264%
27	18.656	2729	2732	2735	rBV2	46223	56584	1.24%	0.191%
28	19.039	2794	2797	2800	rVB4	50885	62437	1.37%	0.211%
29	19.092	2802	2806	2809	rVV	88804	116363	2.56%	0.393%
30	19.127	2809	2812	2821	rVB3	99517	144503	3.17%	0.488%
31	19.327	2831	2846	2863	rVB3	479827	3040497	66.80%	10.276%
32	19.592	2886	2891	2895	rBV	1036634	1507086	33.11%	5.094%
33	20.280	3000	3008	3011	rBV2	321964	922133	20.26%	3.117%
34	21.162	3152	3158	3160	rBV	767064	1535708	33.74%	5.190%

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35	21.297	3178	3181	3183	rBV	457269	571259	12.55%	1.931%
36	21.374	3191	3194	3203	rVB	2718606	4551410	100.00%	15.383%
37	21.486	3207	3213	3220	rBV3	1088413	3421737	75.18%	11.565%
38	23.509	3551	3557	3570	rVB2	1174111	2309667	50.75%	7.806%
39	23.656	3576	3582	3592	rVB	1434629	2910954	63.96%	9.839%

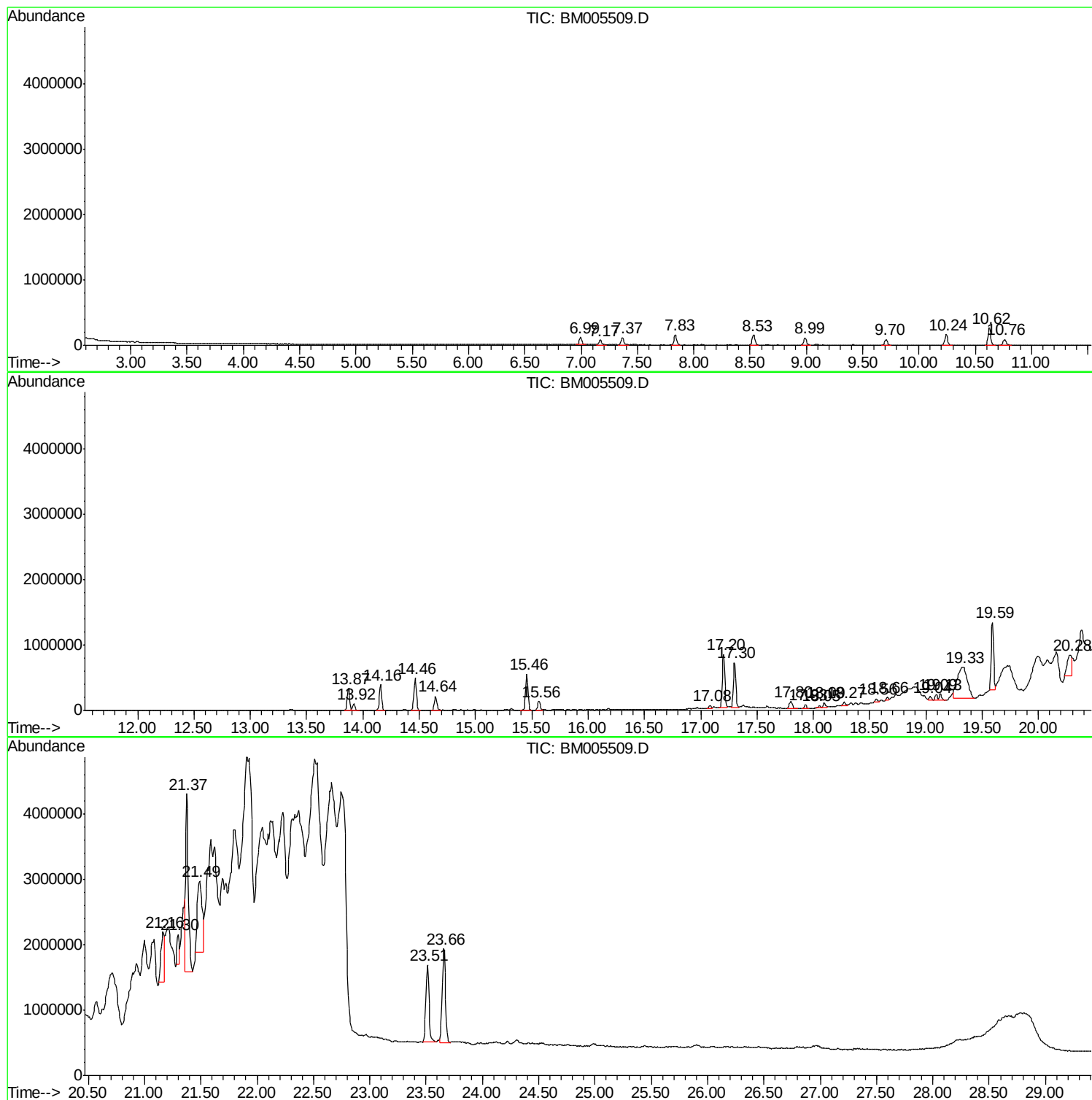
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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



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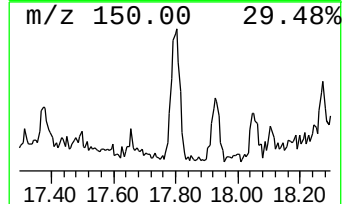
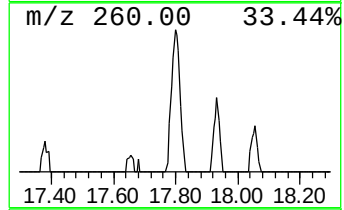
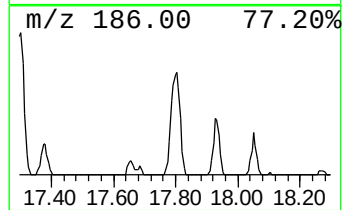
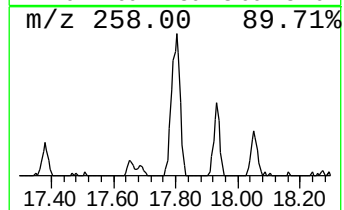
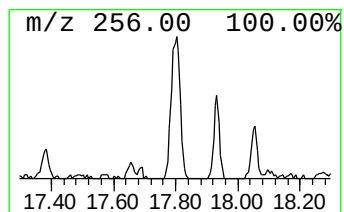
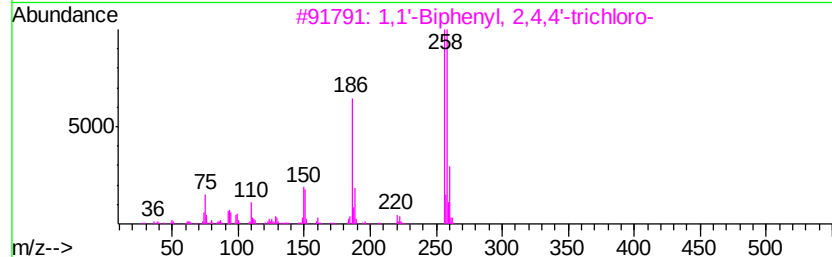
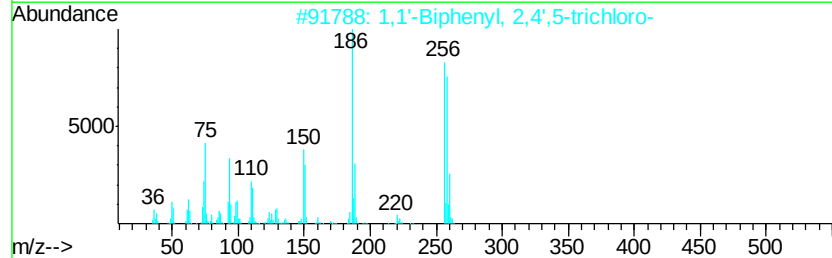
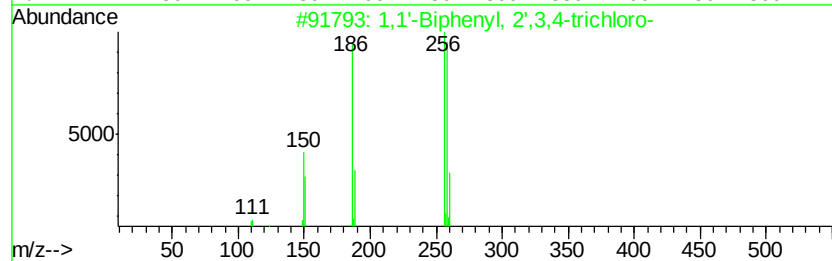
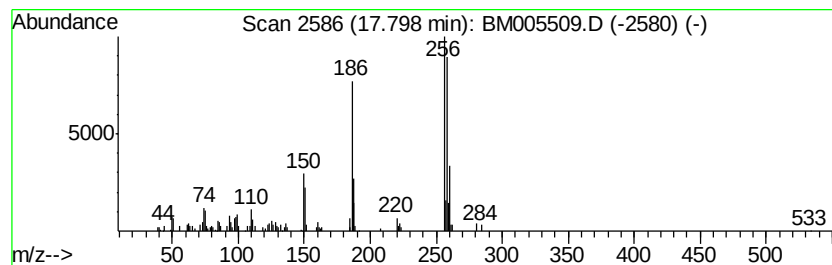
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Peak Number 1 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.79 ng/ul	231094	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
2		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
3		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5		1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	95



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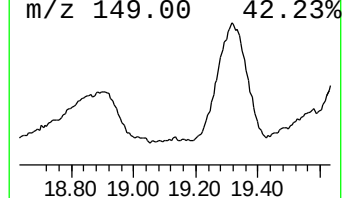
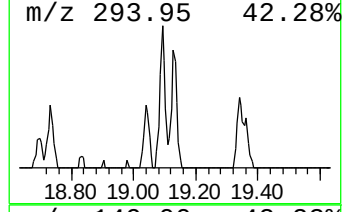
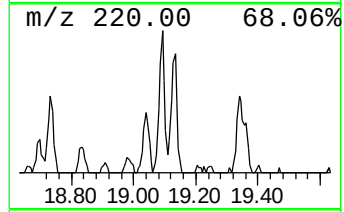
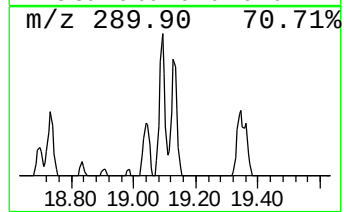
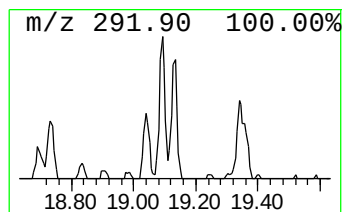
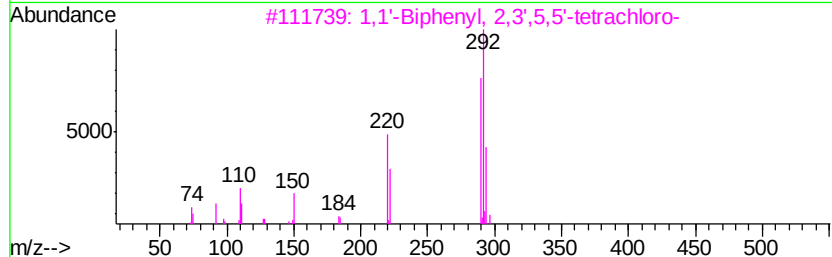
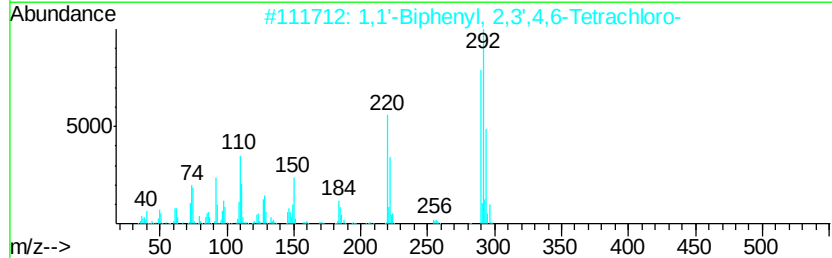
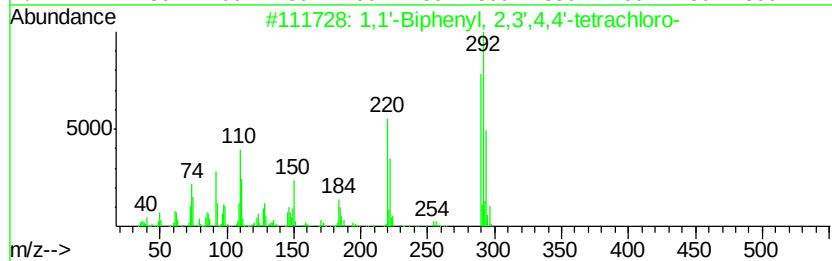
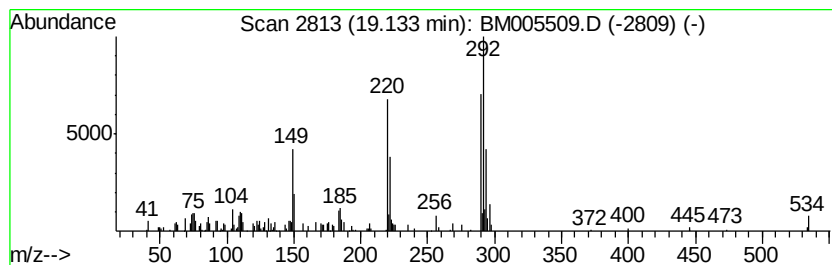
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Peak Number 2 1,1'-Biphenyl, 2,3',4,4'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.37 ng/ul	144503	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	95
2		1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	95
3		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
4		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95



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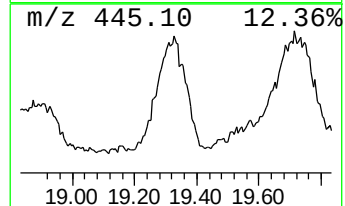
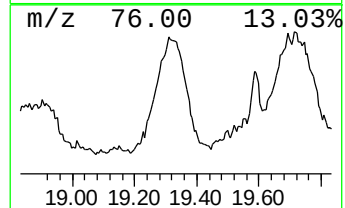
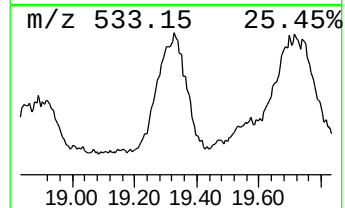
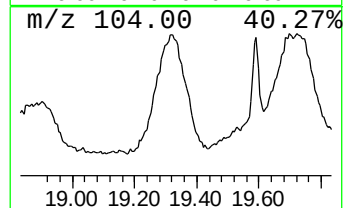
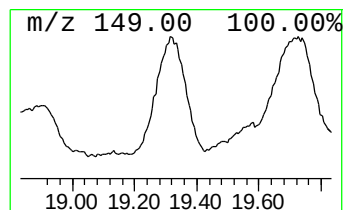
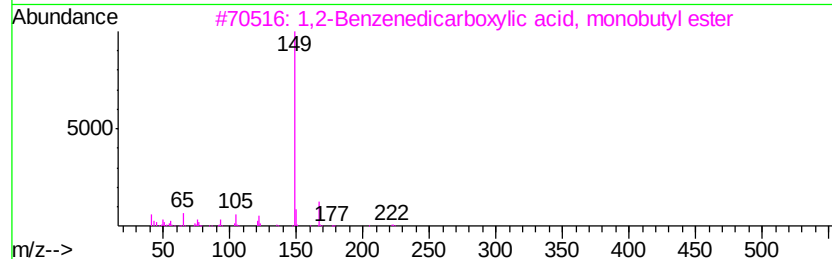
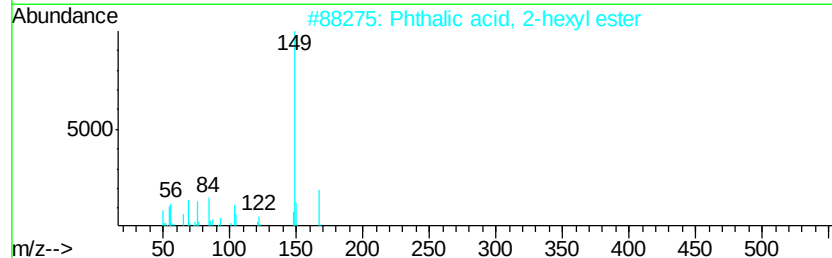
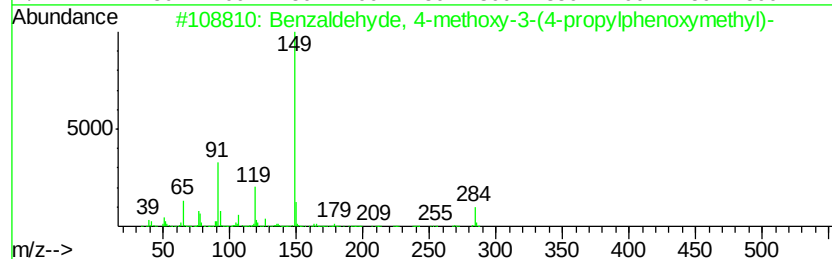
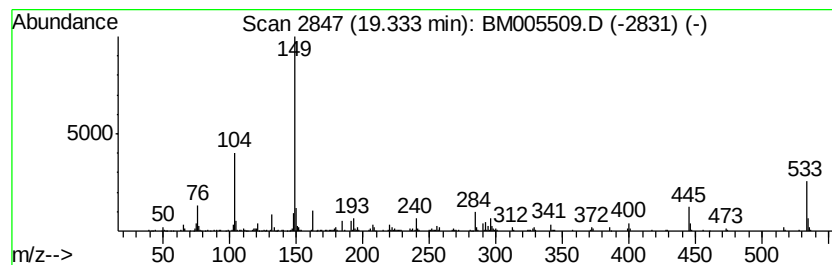
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	13.36 ng/ul	3040500	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 4-methoxy-3-(4-pro...	284	C18H20O3	1000273-80-0	43
2		Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	38
3		1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	35
4		6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35
5		Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	35



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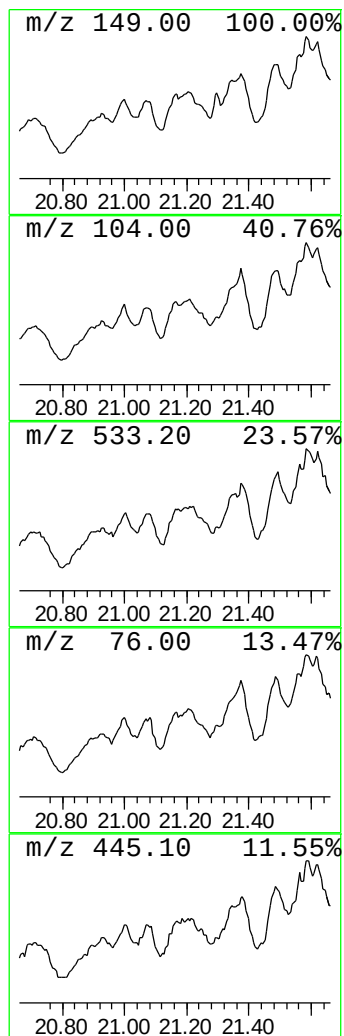
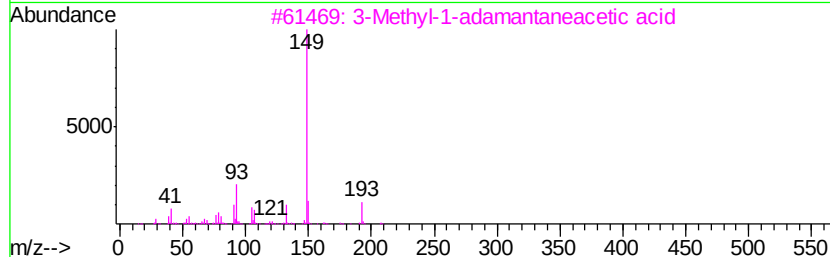
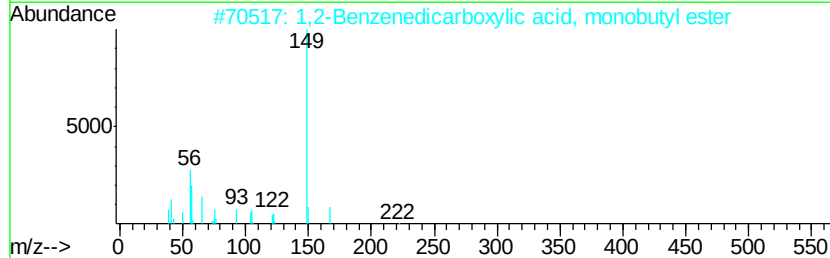
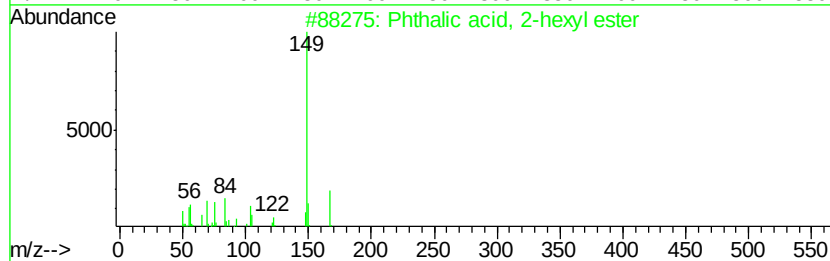
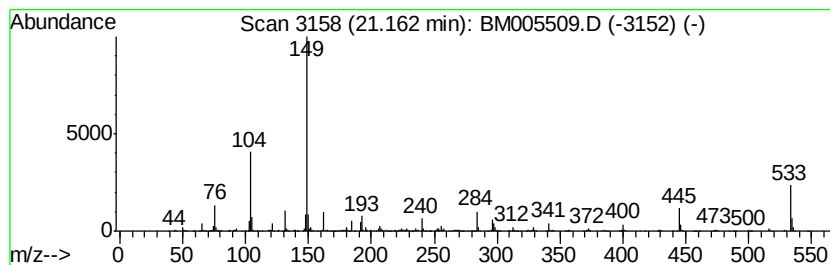
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Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	6.75 ng/ul	1535710	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	38
2		1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	35
3		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	35
4		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	35
5		5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	25



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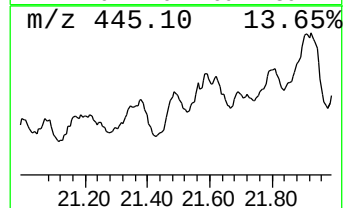
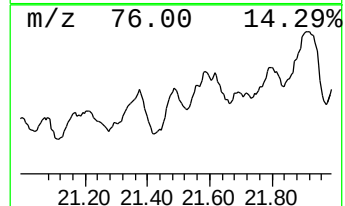
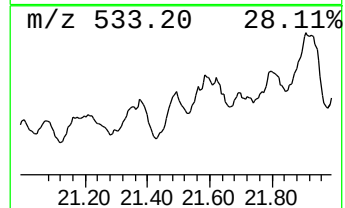
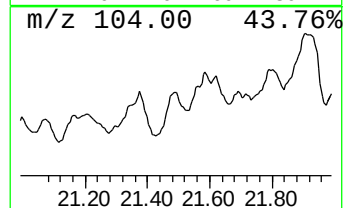
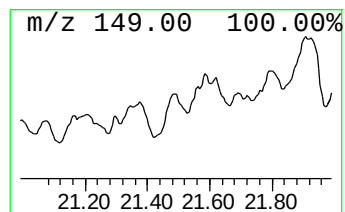
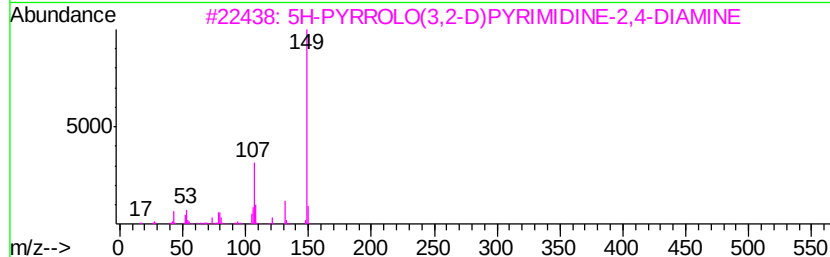
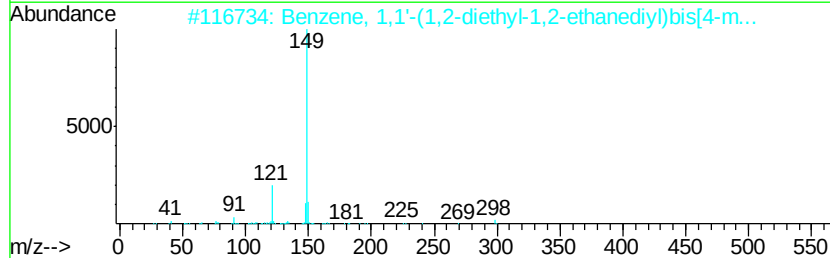
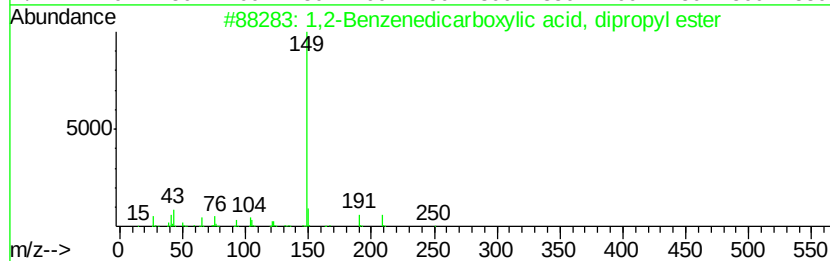
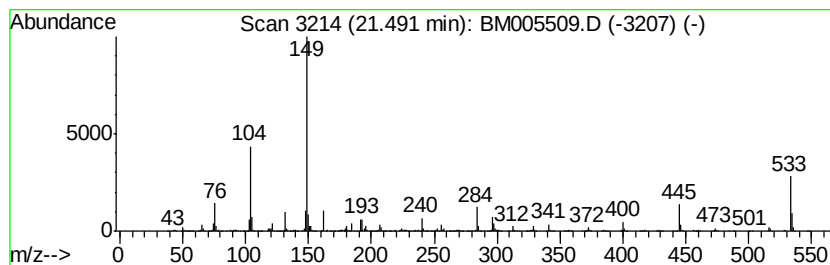
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Peak Number 6 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	15.04 ng/ul	3421740	Chrysene-d12	21.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,2-Benzenedicarboxylic acid, di...	250 C14H18O4	000131-16-8 38
2		Benzene, 1,1'-(1,2-diethyl-1,2-e...	298 C20H26O2	000130-78-9 38
3		5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149 C6H7N5	1000244-21-4 35
4		Phthalic acid, 2-hexyl ester	250 C14H18O4	079107-80-5 32
5		1,2-Benzenedicarboxylic acid, bu...	334 C20H30O4	000085-69-8 25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, 2'...	17.80	3.8	ng/ul	231094	4	17.20	1217990	20.0
1,1'-Biphenyl, 2,...	19.13	2.4	ng/ul	144503	4	17.20	1217990	20.0
unknown-01	19.33	13.4	ng/ul	3040500	5	21.37	4551410	20.0
unknown-02	21.16	6.8	ng/ul	1535710	5	21.37	4551410	20.0
unknown-03	21.49	15.0	ng/ul	3421740	5	21.37	4551410	20.0