

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039605.D
 Acq On : 26 Feb 2019 18:01
 Operator : JU/SJ
 Sample : K1597-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	17	23	31	rBV	96642	203396	4.72%	0.756%
2	3.294	31	35	43	rVB	65515	98984	2.30%	0.368%
3	5.714	440	447	458	rBV	1339235	2152170	49.90%	7.998%
4	7.318	709	720	730	rBV	1382696	2498435	57.93%	9.285%
5	7.699	777	785	792	rBV	1276311	2260667	52.42%	8.401%
6	8.169	858	865	875	rVB	245030	424633	9.85%	1.578%
7	8.492	911	920	930	rBV	887476	1557260	36.11%	5.787%
8	9.344	1056	1065	1076	rBV	775988	1423084	33.00%	5.288%
9	10.989	1338	1345	1353	rBV	325136	602273	13.97%	2.238%
10	13.415	1749	1758	1768	rBV	2027453	3122855	72.41%	11.605%
11	14.232	1891	1897	1903	rBV	125029	176724	4.10%	0.657%
12	14.790	1985	1992	2001	rBV2	567744	893590	20.72%	3.321%
13	16.276	2238	2245	2260	rBV	1825663	2805418	65.05%	10.426%
14	17.533	2453	2459	2471	rBV	700062	1151373	26.70%	4.279%
15	18.385	2599	2604	2614	rBV2	101049	173743	4.03%	0.646%
16	19.225	2744	2747	2756	rVB2	29675	44977	1.04%	0.167%
17	19.648	2812	2819	2825	rBV3	40072	77841	1.80%	0.289%
18	20.124	2894	2900	2908	rBV	3061956	4312645	100.00%	16.027%
19	21.428	3119	3122	3134	rVB6	63545	147360	3.42%	0.548%
20	21.821	3182	3189	3197	rBV	718531	1201275	27.85%	4.464%
21	22.603	3318	3322	3328	rVB	44558	73008	1.69%	0.271%
22	23.319	3439	3444	3452	rVB2	57791	128106	2.97%	0.476%
23	24.159	3584	3587	3595	rVB3	54403	105736	2.45%	0.393%
24	25.199	3752	3764	3776	rVB2	390940	1273499	29.53%	4.733%

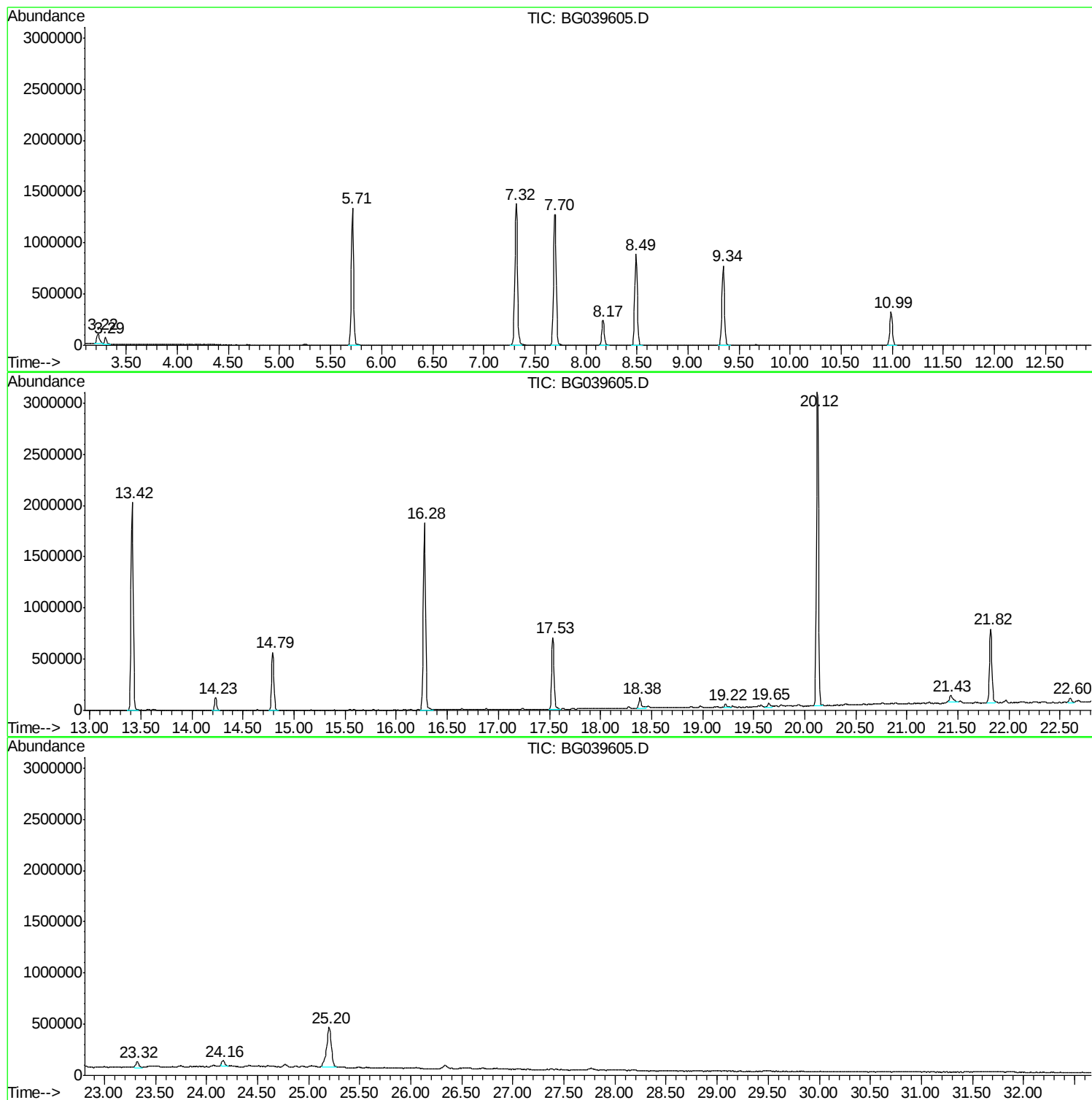
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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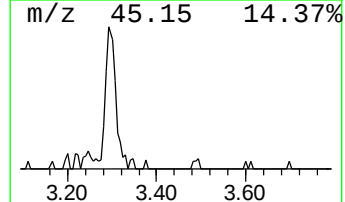
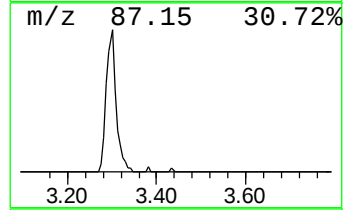
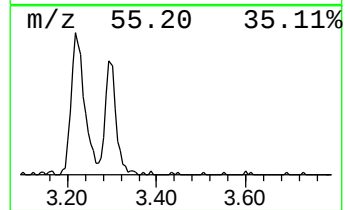
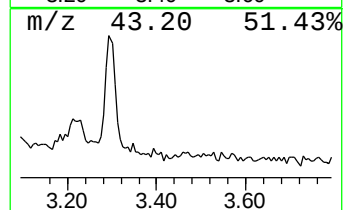
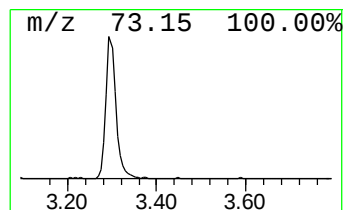
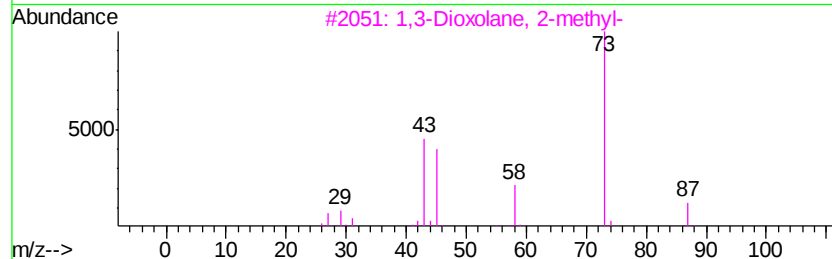
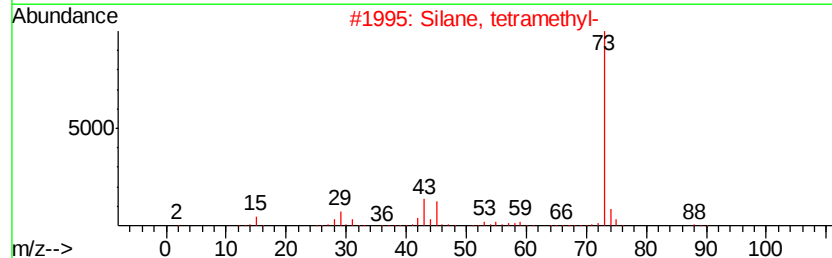
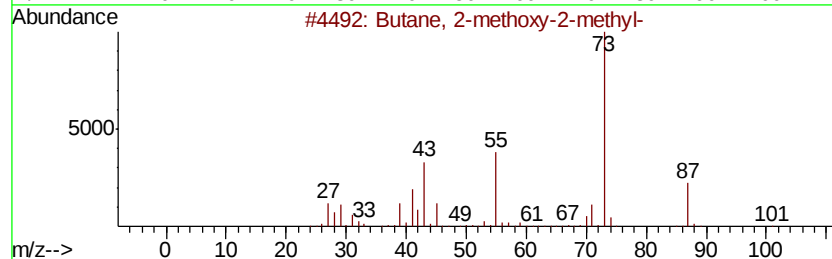
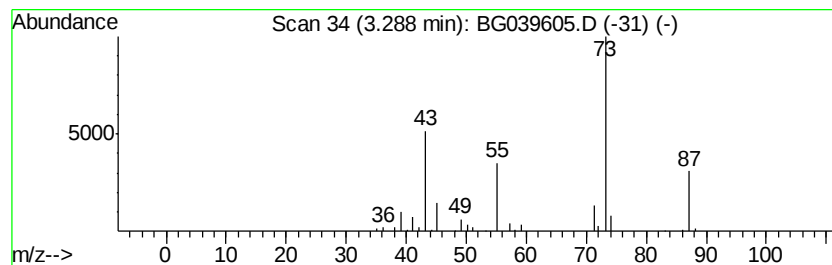
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.66 ng	98984	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	12
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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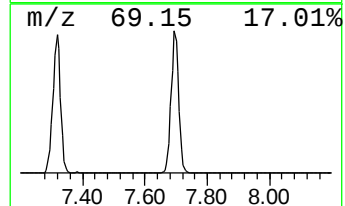
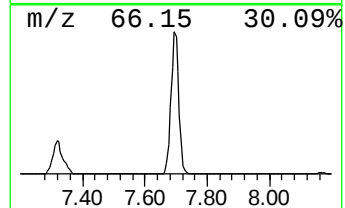
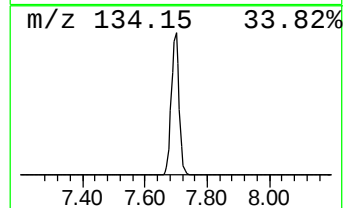
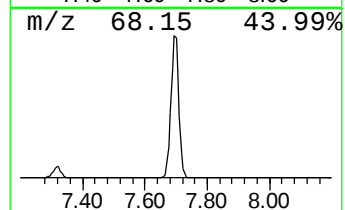
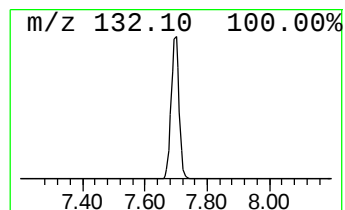
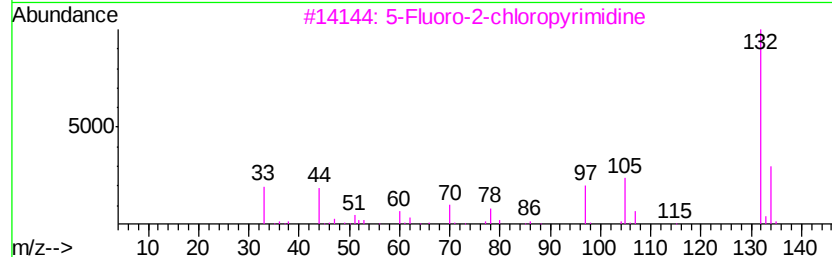
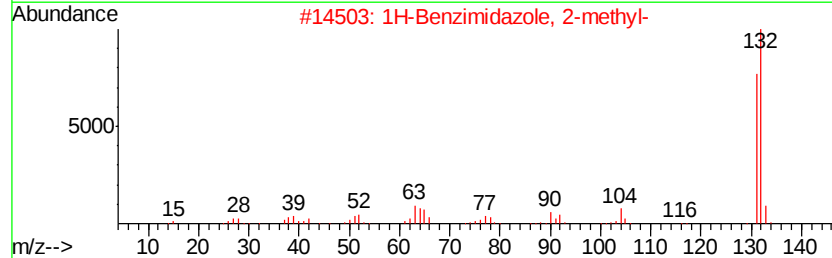
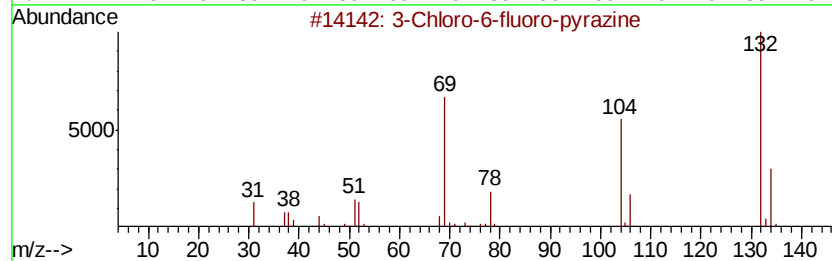
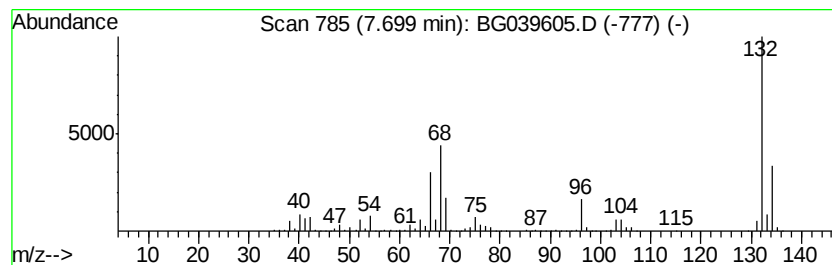
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	106.48 ng	2260670	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	25
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole			132	C8H8N2	005192-03-0	12
5	Imidazole, 4,5-dicyano-1-methyl-			132	C6H4N4	019485-35-9	9



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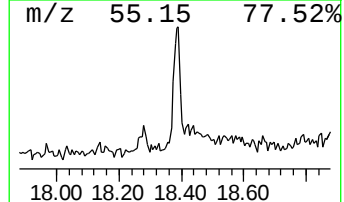
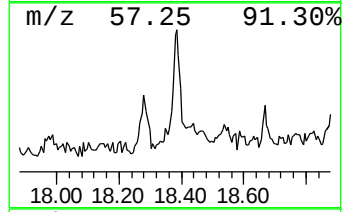
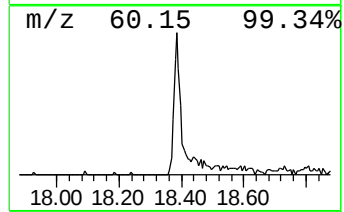
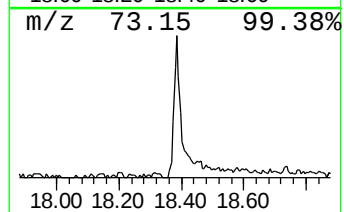
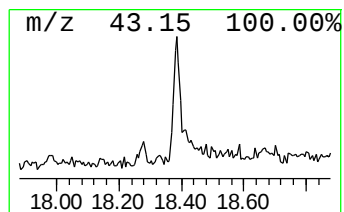
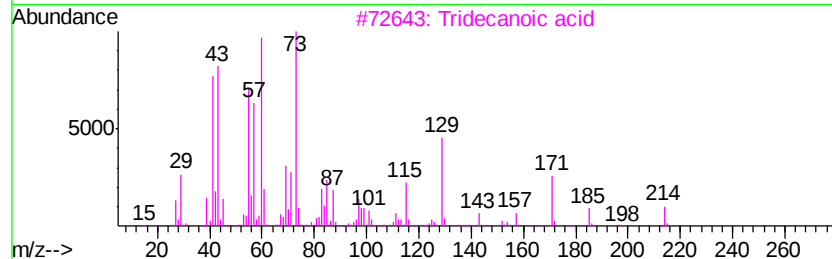
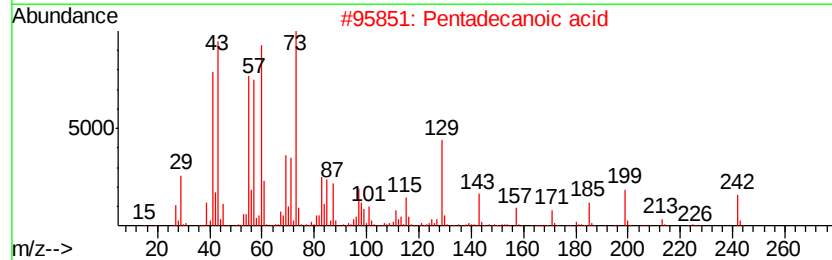
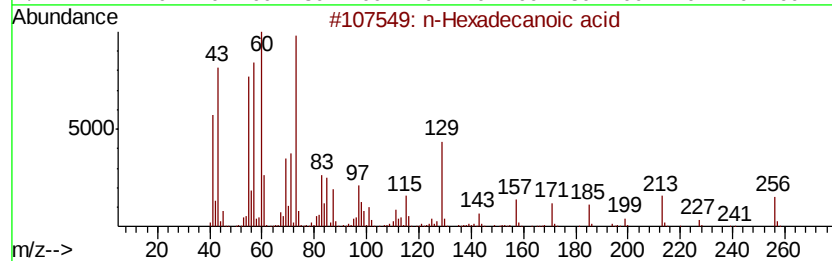
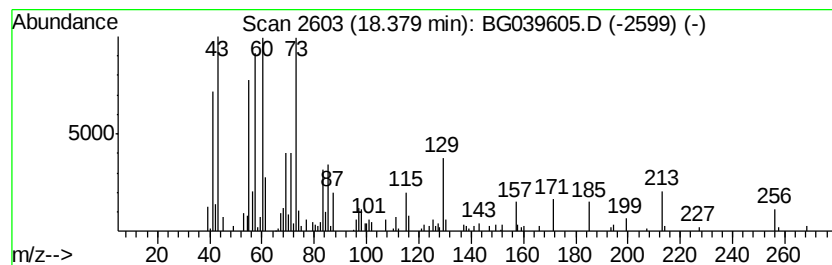
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 Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.02 ng	173743	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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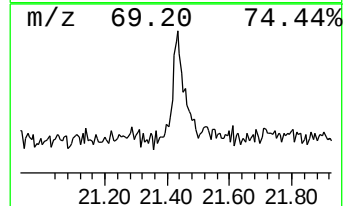
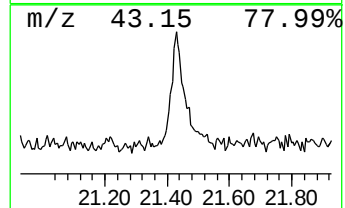
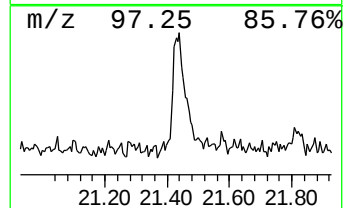
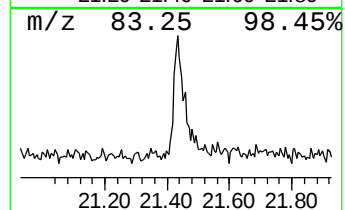
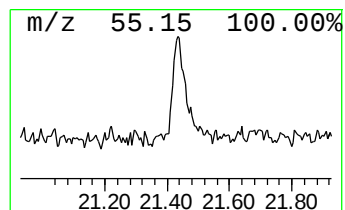
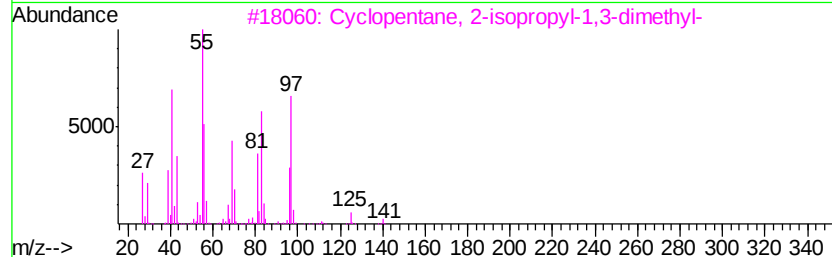
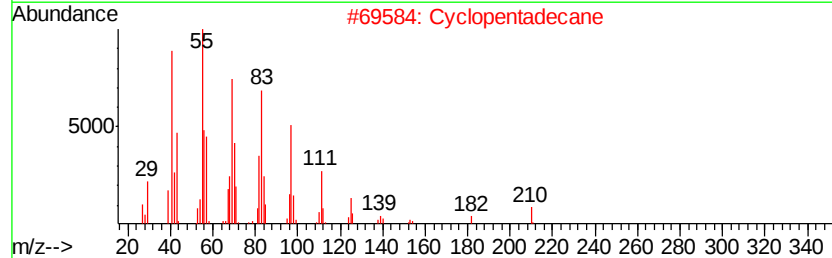
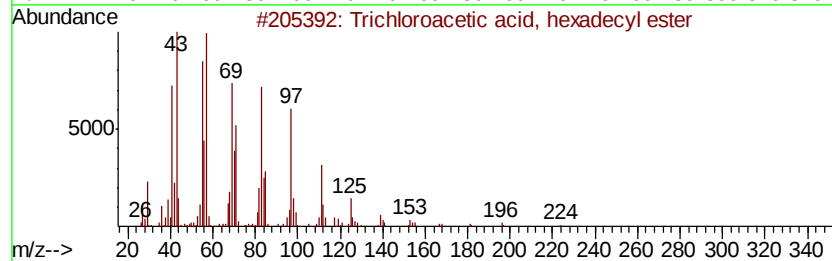
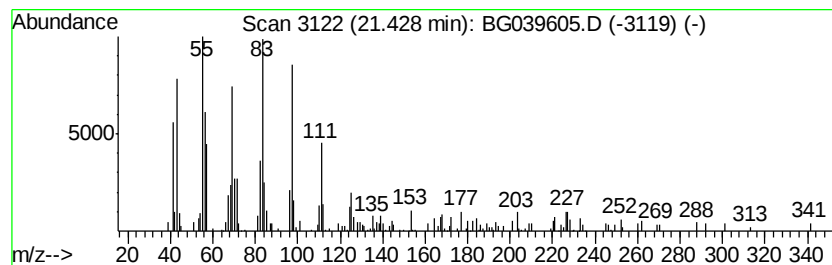
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.45 ng	147360	Chrysene-d12	21.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
2			Cyclopentadecane	210	C15H30	000295-48-7	74
3			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	64
4			E-15-Heptadecenal	252	C17H32O	1000130-97-9	62
5			1-Octadecene	252	C18H36	000112-88-9	58



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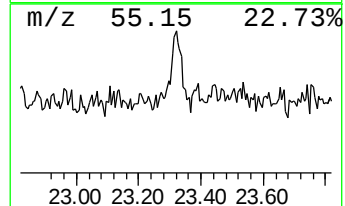
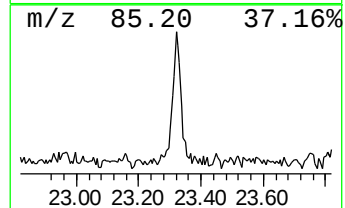
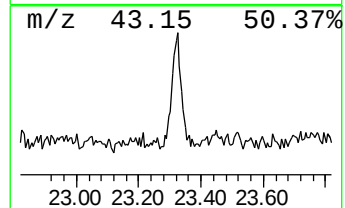
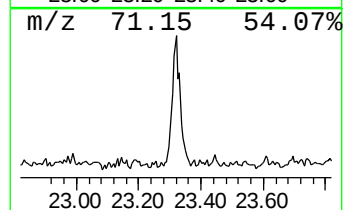
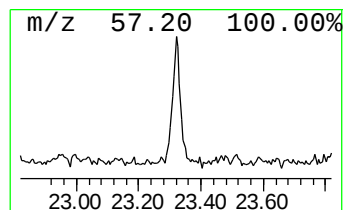
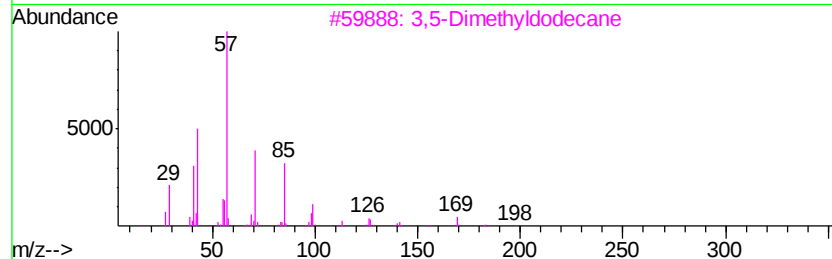
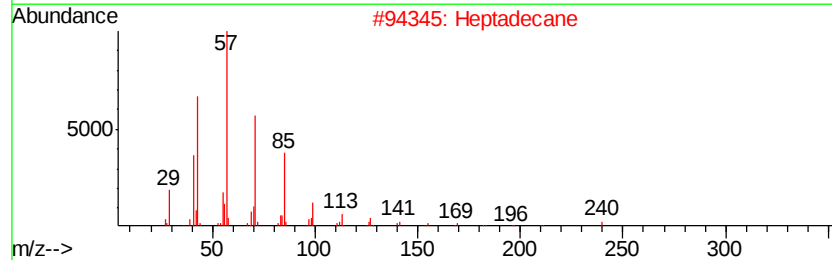
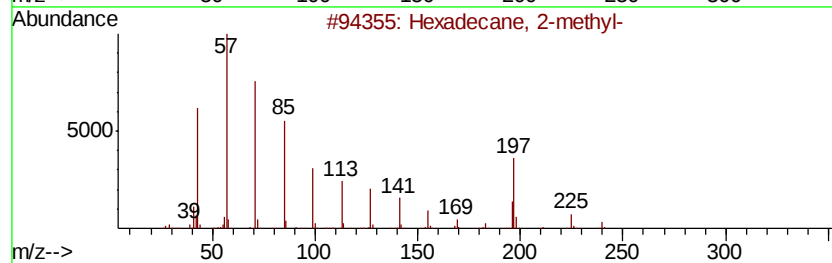
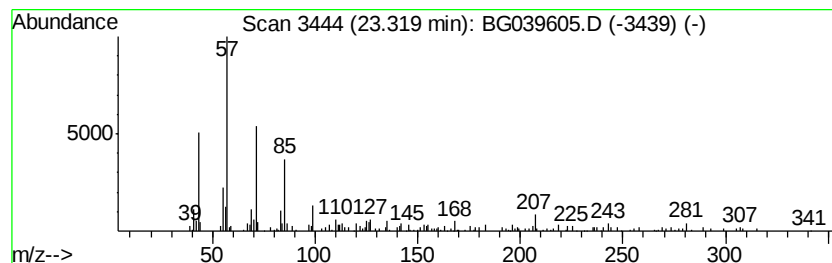
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Peak Number 7 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.13 ng	128106	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
2		Heptadecane	240	C17H36	000629-78-7	72
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	4.7	ng	98984	1	8.17	424633	20.0
unknown7.70	7.70	106.5	ng	2260670	1	8.17	424633	20.0
n-Hexadecanoic acid	18.38	3.0	ng	173743	4	17.53	1151370	20.0
Trichloroacetic a...	21.43	2.5	ng	147360	5	21.82	1201280	20.0
Hexadecane, 2-met...	23.32	2.1	ng	128106	5	21.82	1201280	20.0