

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036264.D
 Acq On : 10 Aug 2018 11:54
 Operator : JU/SJ
 Sample : J4355-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL

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-BG071218.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	5.121	307	312	318	rBV	49168	77368	4.94%	0.856%
2	5.591	386	392	410	rBV	315362	579003	36.96%	6.408%
3	7.183	656	663	676	rBV	319543	625865	39.95%	6.926%
4	7.541	718	724	736	rBV	350679	618457	39.48%	6.844%
5	8.005	797	803	810	rBV	92744	160076	10.22%	1.772%
6	8.328	850	858	868	rBV	241294	432414	27.60%	4.786%
7	9.168	994	1001	1015	rBV	169905	368552	23.53%	4.079%
8	10.813	1270	1281	1293	rBV	92873	201482	12.86%	2.230%
9	13.251	1690	1696	1714	rBV	417112	742407	47.39%	8.216%
10	14.103	1835	1841	1853	rBV2	20893	54423	3.47%	0.602%
11	14.631	1925	1931	1941	rBV2	184010	319157	20.37%	3.532%
12	16.123	2179	2185	2201	rBV	465894	834668	53.28%	9.237%
13	17.381	2392	2399	2418	rBV	261027	491365	31.37%	5.438%
14	19.431	2739	2748	2756	rBV	67521	107777	6.88%	1.193%
15	19.789	2804	2809	2817	rVB	59098	93415	5.96%	1.034%
16	19.983	2836	2842	2853	rBV	1181012	1566459	100.00%	17.336%
17	20.283	2889	2893	2899	rVB7	13417	22471	1.43%	0.249%
18	21.228	3049	3054	3057	rBV4	10428	19266	1.23%	0.213%
19	21.275	3057	3062	3065	rBV5	24285	40973	2.62%	0.453%
20	21.640	3114	3124	3129	rBV	331277	643127	41.06%	7.117%
21	21.681	3129	3131	3138	rVB	51110	77322	4.94%	0.856%
22	21.816	3150	3154	3157	rVB5	13896	17580	1.12%	0.195%
23	22.415	3251	3256	3260	rVB6	15274	22320	1.42%	0.247%
24	23.090	3367	3371	3377	rVB6	15299	25516	1.63%	0.282%
25	23.813	3486	3494	3501	rBV	41847	118119	7.54%	1.307%
26	23.878	3501	3505	3513	rVB6	27841	67706	4.32%	0.749%
27	24.524	3606	3615	3627	rBV3	25578	71995	4.60%	0.797%
28	24.671	3633	3640	3648	rBV2	20995	57930	3.70%	0.641%
29	24.818	3656	3665	3676	rBV2	177487	523970	33.45%	5.799%
30	25.910	3845	3851	3862	rVB2	13668	37817	2.41%	0.419%
31	27.244	4074	4078	4086	rVB9	8164	16918	1.08%	0.187%

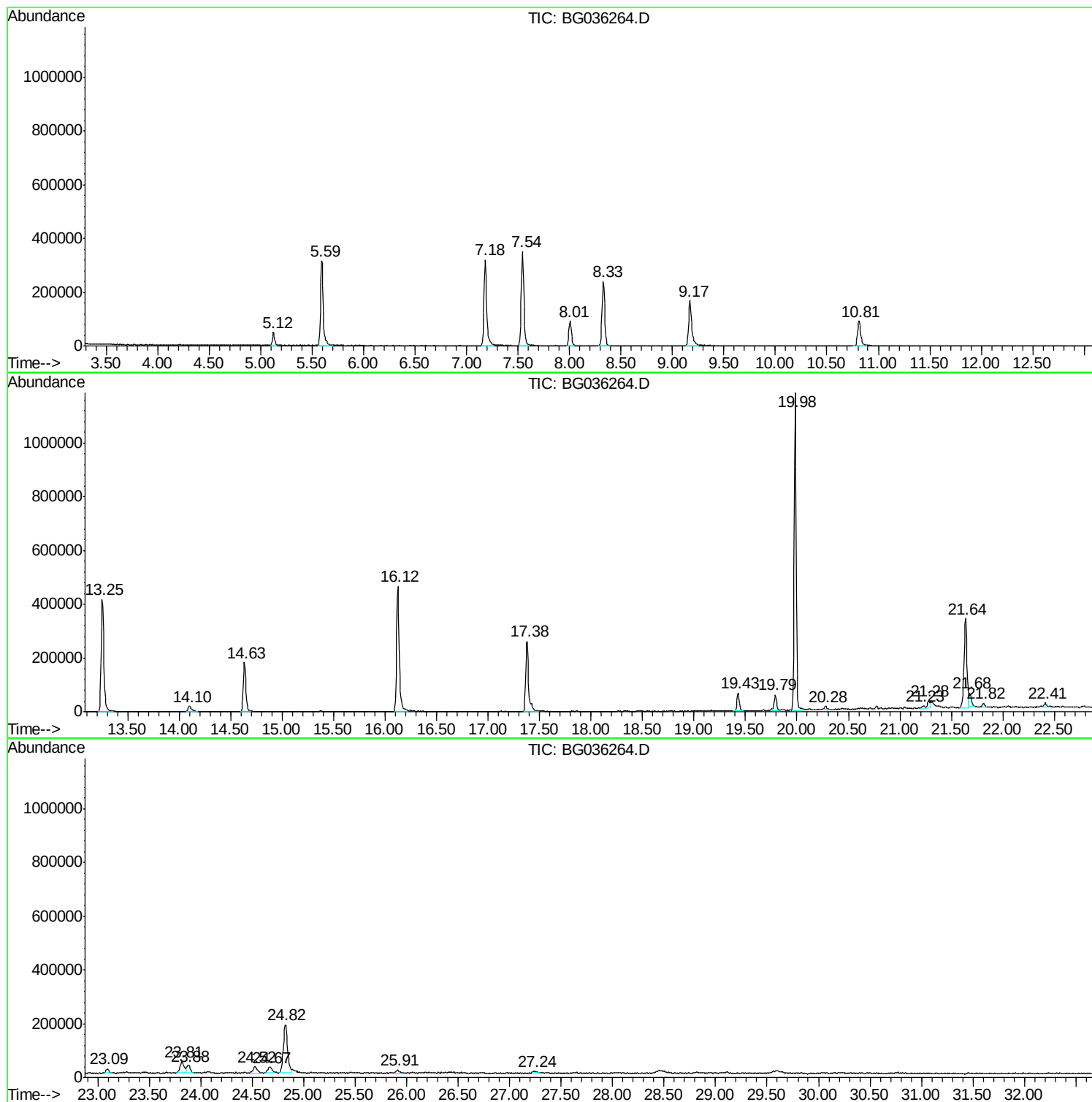
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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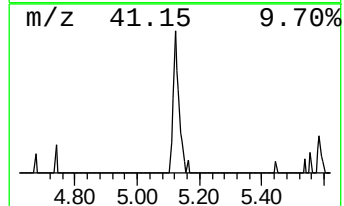
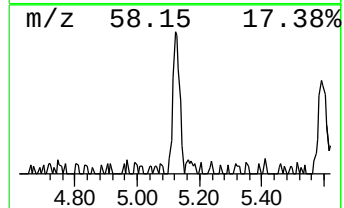
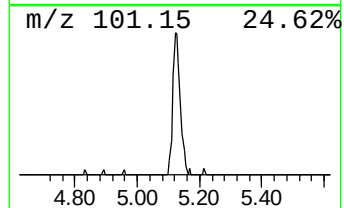
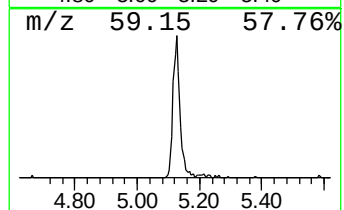
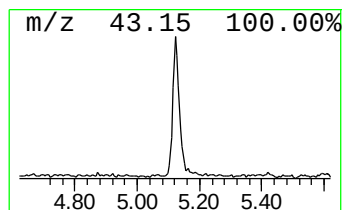
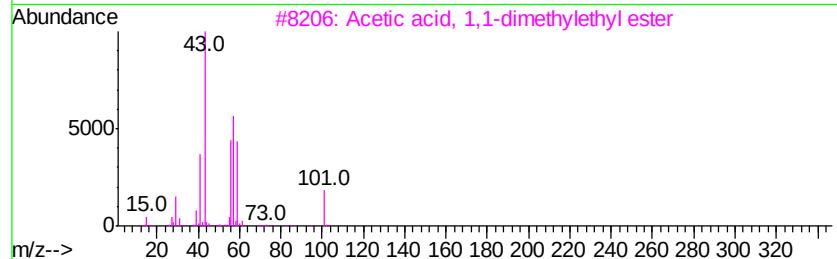
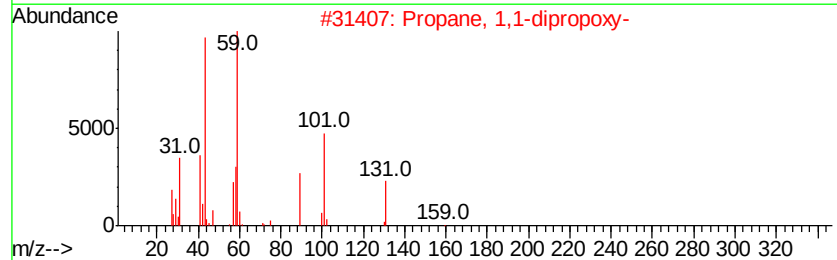
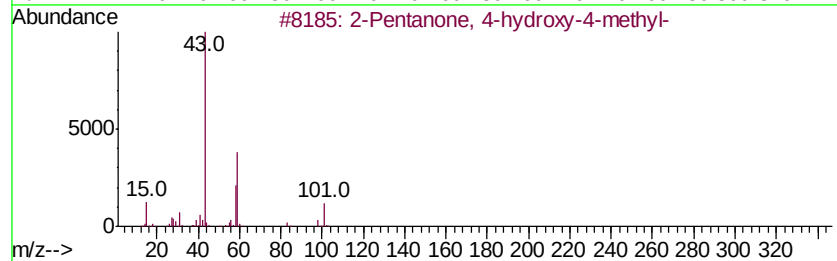
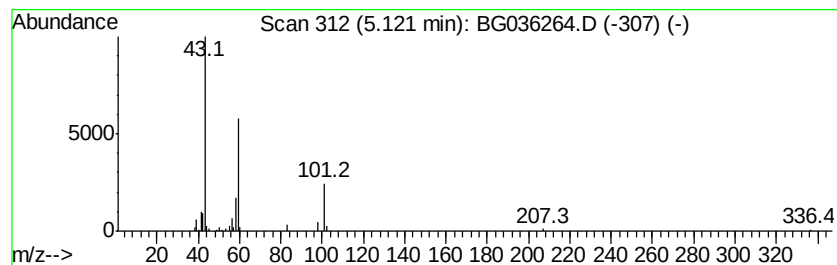
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	9.67 ng	77368	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			Dimethadione	129	C5H7NO3	000695-53-4	33
5			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28



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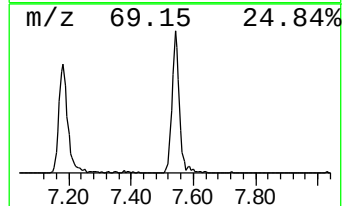
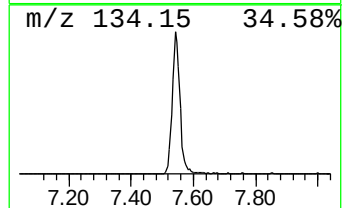
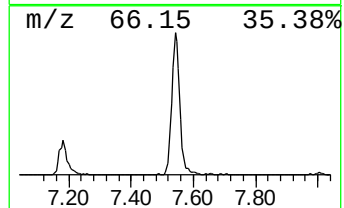
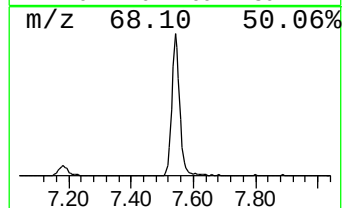
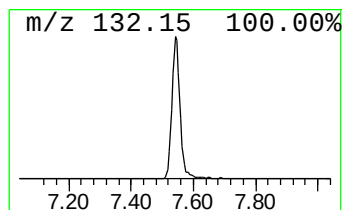
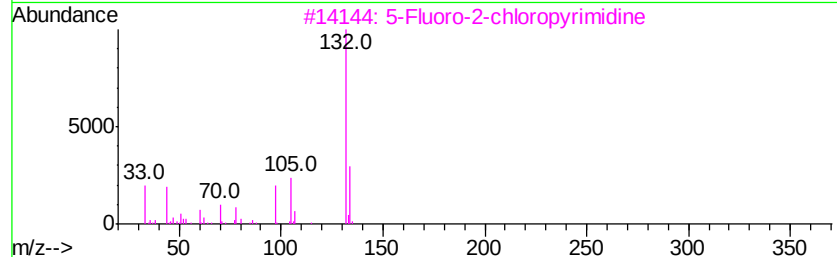
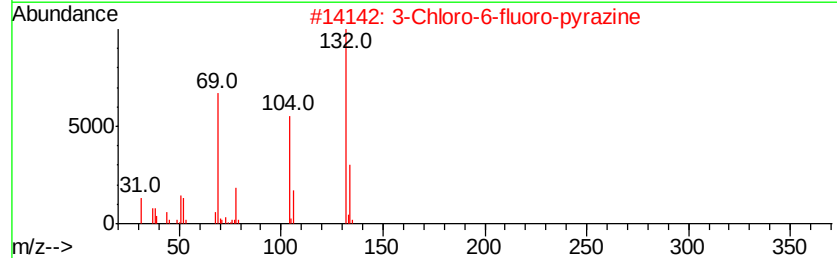
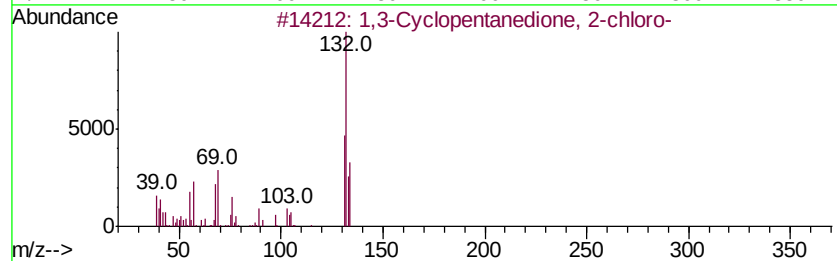
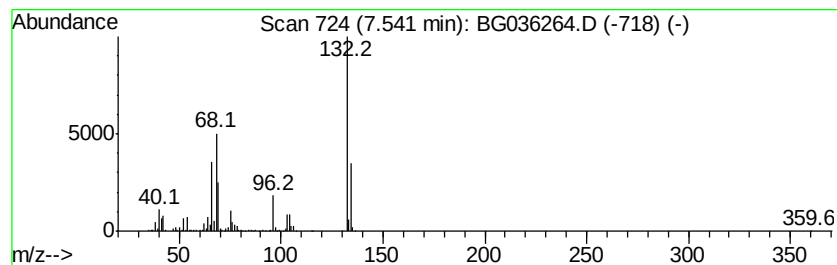
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Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	77.27 ng	618457	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12



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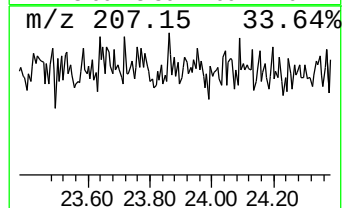
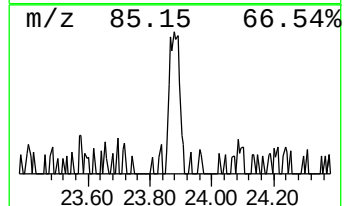
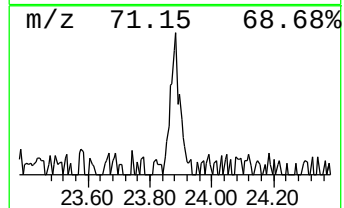
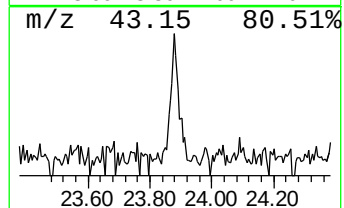
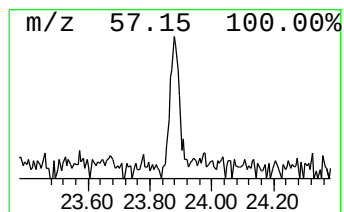
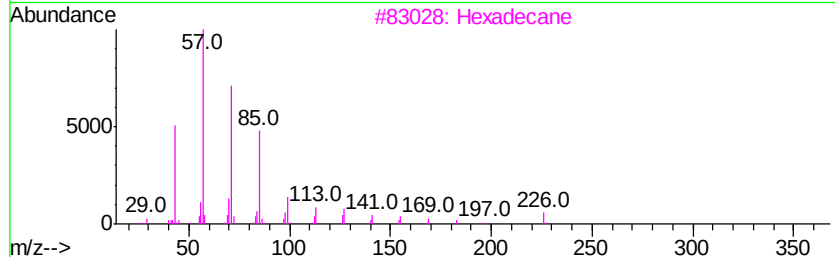
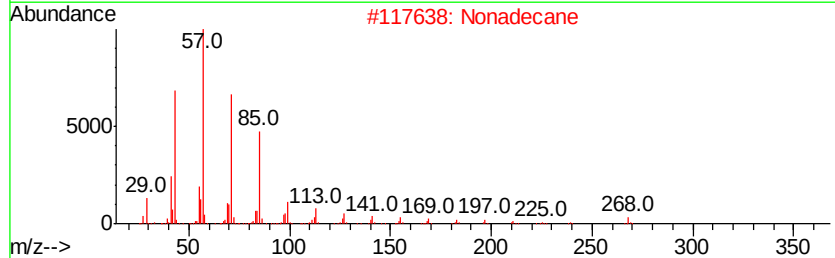
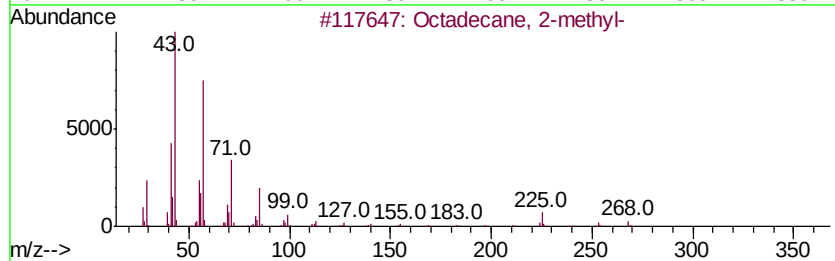
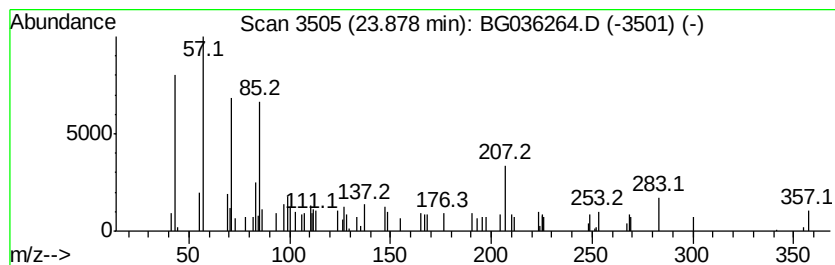
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Peak Number 4 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.58 ng	67706	Perylene-d12	24.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	60
2		Nonadecane	268	C19H40	000629-92-5	55
3		Hexadecane	226	C16H34	000544-76-3	50
4		6,6-Diethylhexadecane	282	C20H42	1000360-41-4	49
5		10-Methylnonadecane	282	C20H42	056862-62-5	43



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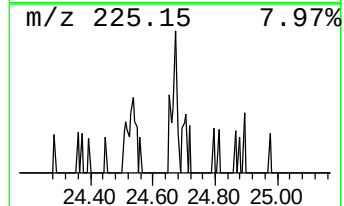
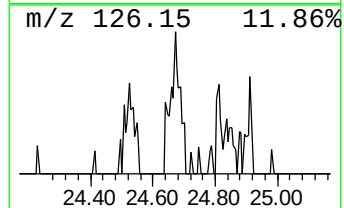
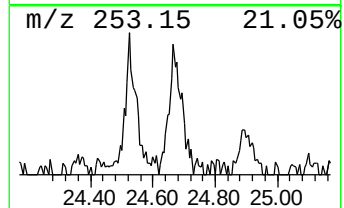
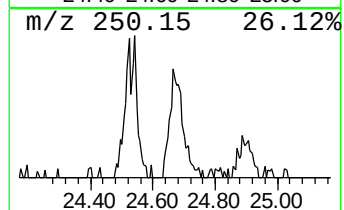
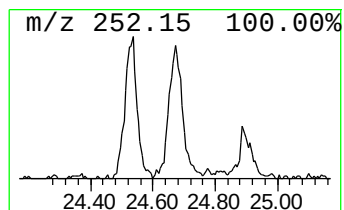
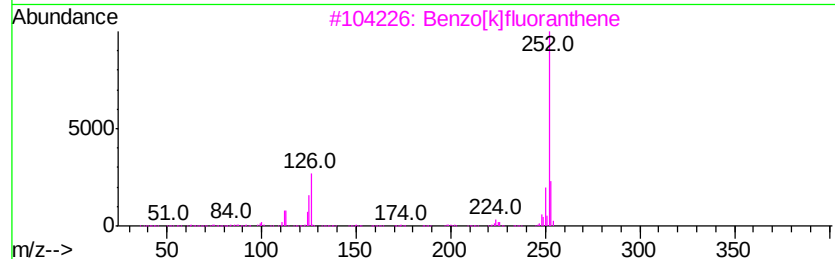
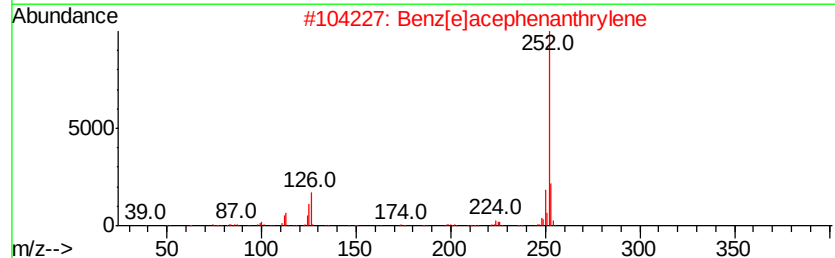
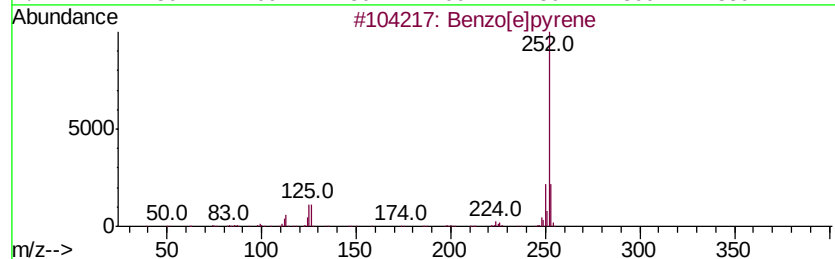
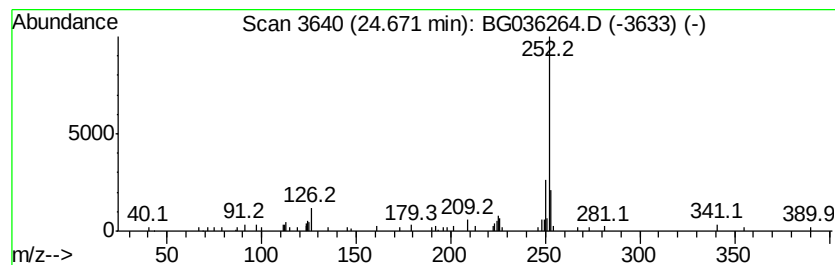
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Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	2.21 ng	57930	Perylene-d12	24.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	74
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
4		Perylene	252	C20H12	000198-55-0	64
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	9.7	ng	77368	1	8.01	160076	20.0
unknown7.54	7.54	77.3	ng	618457	1	8.01	160076	20.0
Octadecane, 2-met...	23.88	2.6	ng	67706	6	24.82	523970	20.0
Benzo[e]pyrene	24.67	2.2	ng	57930	6	24.82	523970	20.0