

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018915.D
 Acq On : 26 Sep 2015 16:33
 Operator : UM/NP
 Sample : G3800-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03G8

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_G\METHODS\SOM02.2-EPA-BG091015.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	3.096	39	44	51	rBV	49064	81184	0.62%	0.146%
2	3.167	51	56	63	rBV	820011	1171541	8.91%	2.102%
3	7.162	730	736	743	rBV	36095	64656	0.49%	0.116%
4	7.315	755	762	774	rBV	200784	342231	2.60%	0.614%
5	7.526	790	798	807	rBV	138749	253630	1.93%	0.455%
6	7.991	870	877	887	rBV	177776	315829	2.40%	0.567%
7	8.701	991	998	1007	rBV	124668	220008	1.67%	0.395%
8	9.148	1067	1074	1083	rBV	284943	506574	3.85%	0.909%
9	9.871	1190	1197	1208	rBV2	223290	390520	2.97%	0.701%
10	10.417	1283	1290	1299	rBV	239520	442585	3.37%	0.794%
11	10.793	1346	1354	1361	rBV	282296	499351	3.80%	0.896%
12	10.928	1367	1377	1383	rBV2	11255	20142	0.15%	0.036%
13	14.019	1895	1903	1916	rVB	810507	1206004	9.17%	2.164%
14	14.313	1945	1953	1965	rVB	2582701	4189544	31.86%	7.519%
15	14.530	1986	1990	1994	rBV5	10139	16175	0.12%	0.029%
16	14.612	1998	2004	2012	rVB2	485692	788432	6.00%	1.415%
17	14.824	2035	2040	2047	rBV3	43422	77880	0.59%	0.140%
18	15.264	2111	2115	2122	rVB9	14315	25635	0.19%	0.046%
19	15.347	2126	2129	2137	rVV10	6469	13763	0.10%	0.025%
20	15.611	2166	2174	2181	rBV	4309159	7138452	54.28%	12.811%
21	15.729	2187	2194	2203	rBV	1031569	1589396	12.09%	2.852%
22	15.840	2209	2213	2222	rVB2	67209	113714	0.86%	0.204%
23	16.381	2302	2305	2309	rVB6	14129	17749	0.13%	0.032%
24	16.434	2311	2314	2317	rVV	18880	25834	0.20%	0.046%
25	16.492	2321	2324	2330	rVV5	20158	38816	0.30%	0.070%
26	16.551	2330	2334	2338	rVV5	24422	34850	0.27%	0.063%
27	16.598	2339	2342	2346	rVB5	11514	14892	0.11%	0.027%
28	16.751	2365	2368	2375	rVB8	19498	35072	0.27%	0.063%
29	16.821	2376	2380	2384	rBV	21443	32308	0.25%	0.058%
30	17.356	2464	2471	2479	rBV2	681737	1050311	7.99%	1.885%
31	17.462	2481	2489	2498	rBV2	4572306	7821805	59.48%	14.037%
32	18.243	2618	2622	2629	rBV4	43055	73125	0.56%	0.131%
33	19.512	2834	2838	2841	rBV6	27872	38458	0.29%	0.069%
34	19.630	2853	2858	2863	rVB2	118710	212419	1.62%	0.381%

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35	19.753	2870	2879	2889	rBV	6212742	10795262	82.09%	19.373%
36	21.610	3188	3195	3203	rVB	859138	1353480	10.29%	2.429%
37	23.672	3540	3546	3553	rVB3	86907	191569	1.46%	0.344%
38	24.606	3687	3705	3719	rBV	3733567	13150239	100.00%	23.599%
39	24.789	3726	3736	3748	rVB	508194	1369266	10.41%	2.457%

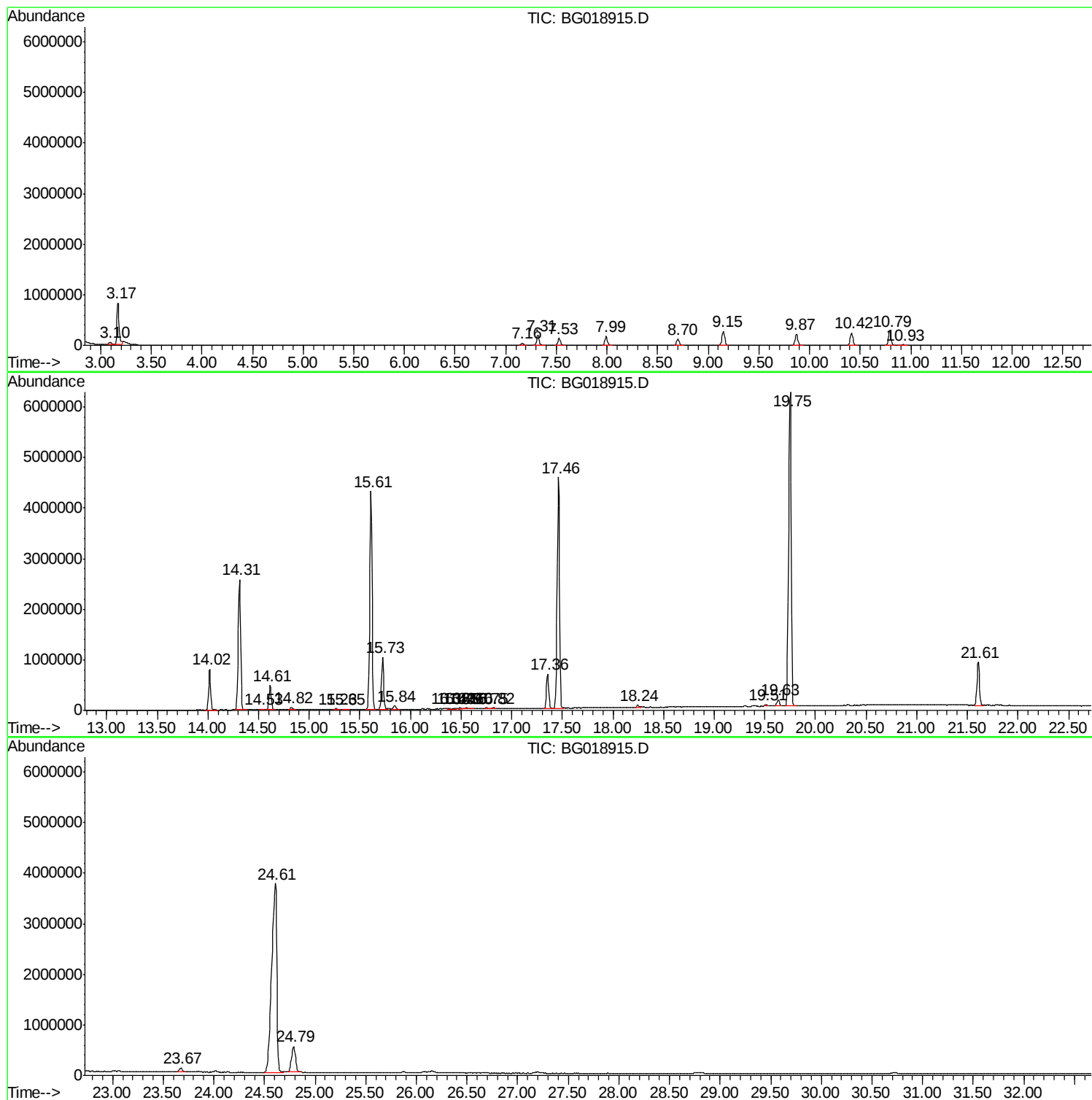
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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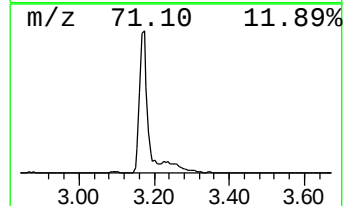
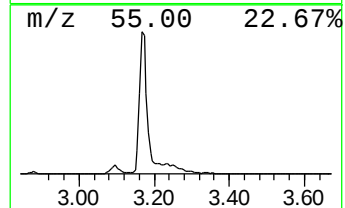
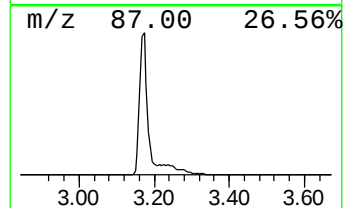
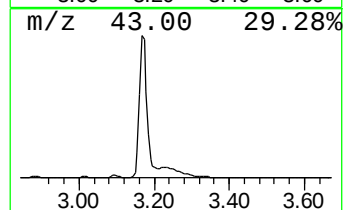
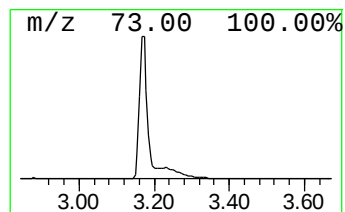
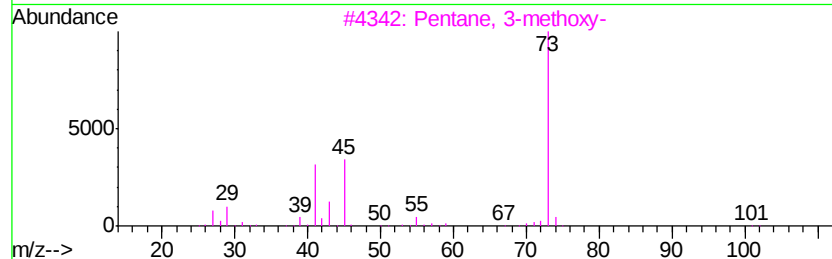
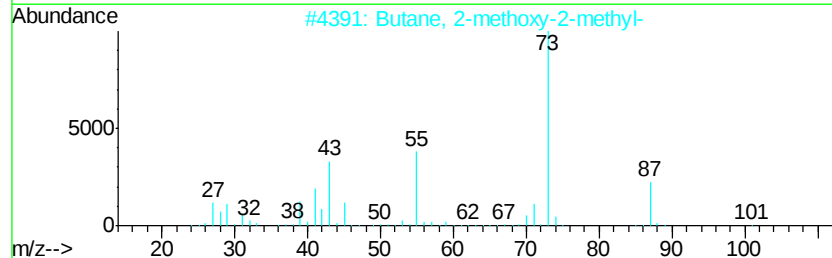
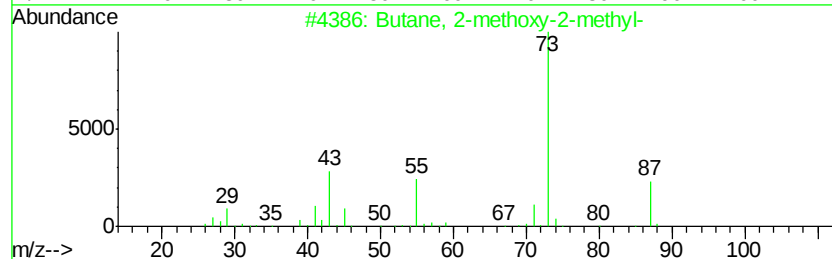
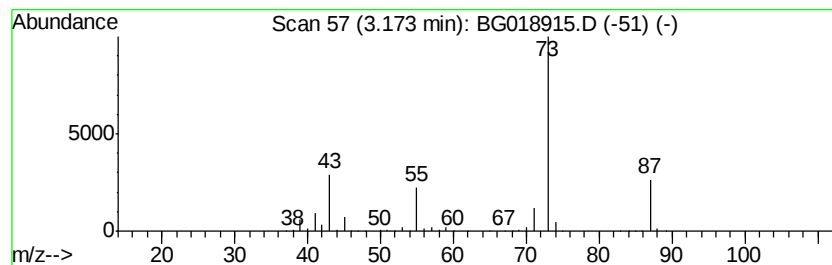
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	74.19 ng/ul	1171540	1,4-Dichlorobenzene-d4	7.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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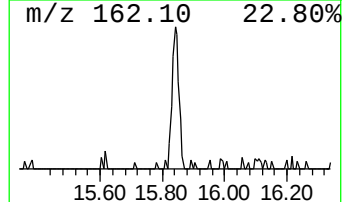
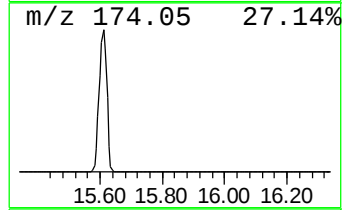
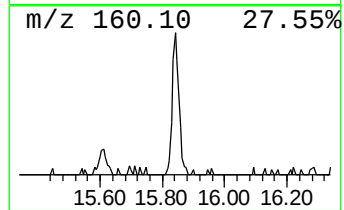
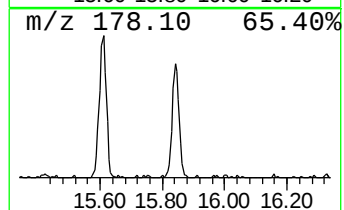
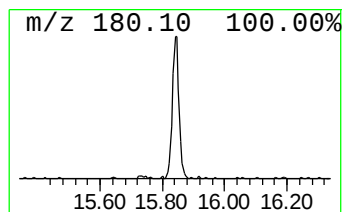
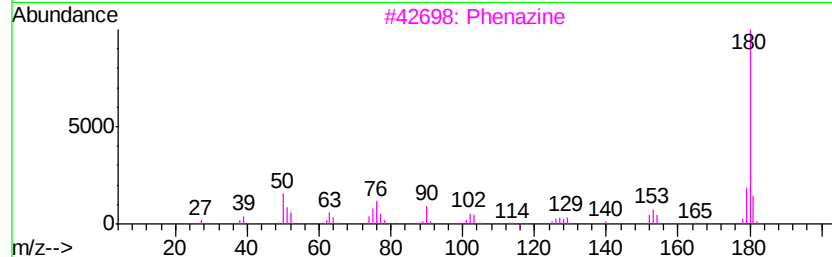
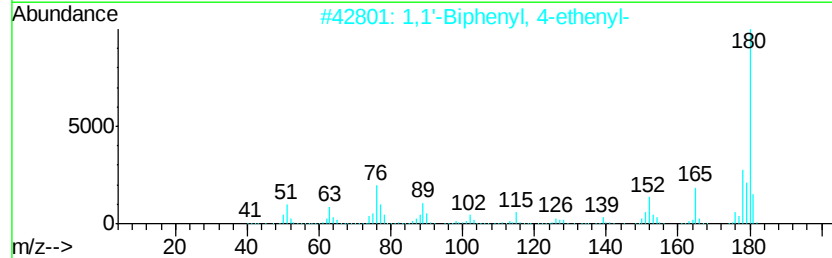
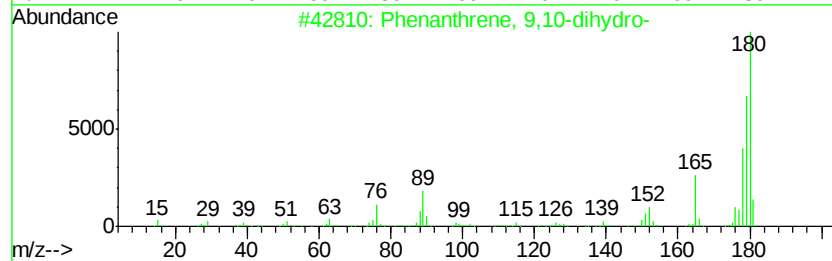
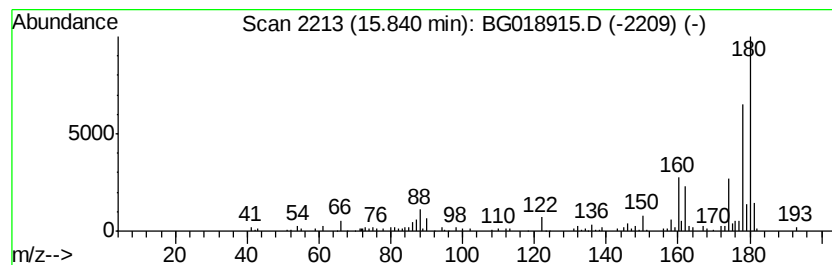
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.88 ng/ul	113714	Acenaphthene-d10	14.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	35
2		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	35
3		Phenazine	180	C12H8N2	000092-82-0	35
4		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	35
5		(E)-Stilbene	180	C14H12	000103-30-0	35



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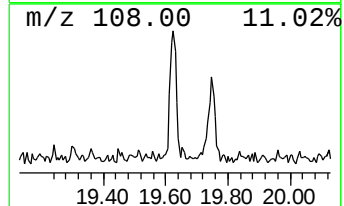
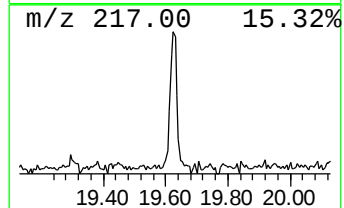
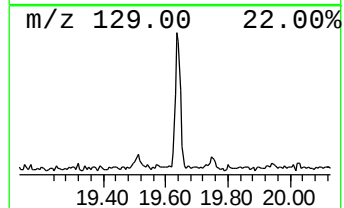
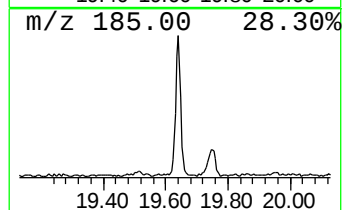
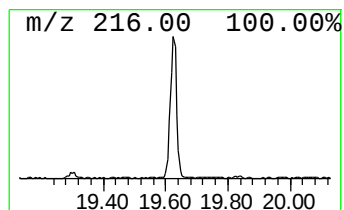
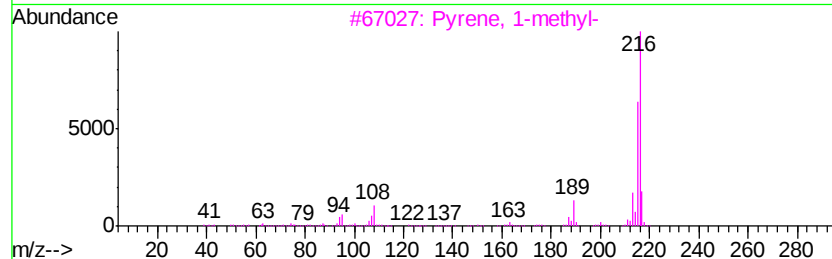
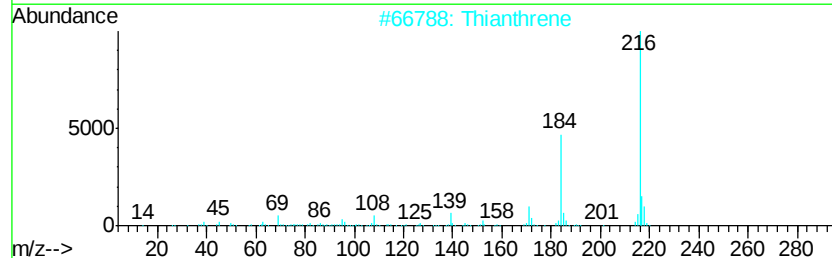
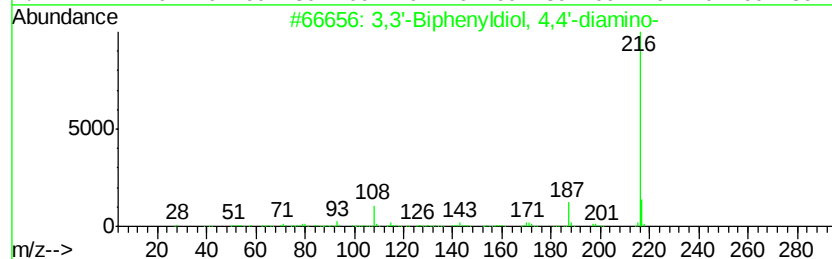
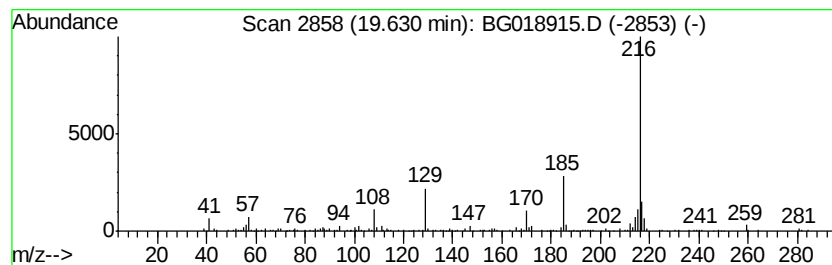
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Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.14 ng/ul	212419	Chrysene-d12	21.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Biphenyldiol, 4,4'-diamino-	216	C12H12N2O2	002373-98-0	49	
2	Thianthrene	216	C12H8S2	000092-85-3	47	
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	47	
4	Benzenamine, 4,4'-thiobis-	216	C12H12N2S	000139-65-1	47	
5	3,3'-Diamino-4,4'-biphenyldiol	216	C12H12N2O2	004194-40-5	47	



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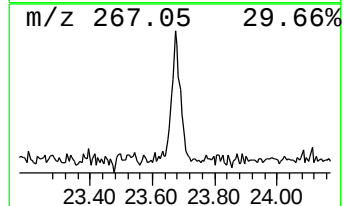
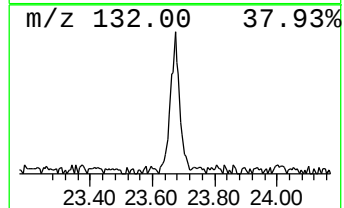
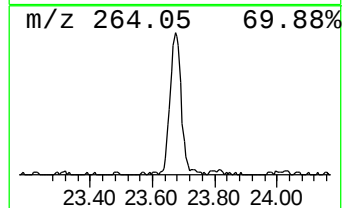
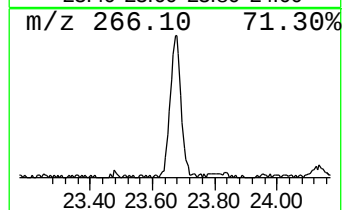
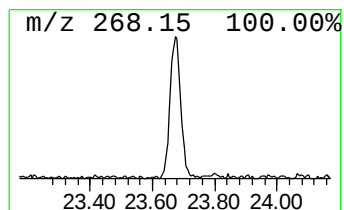
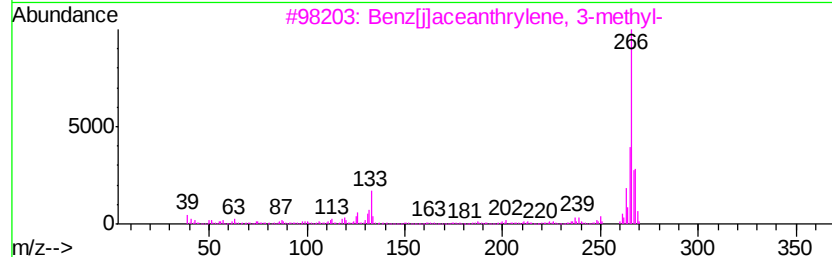
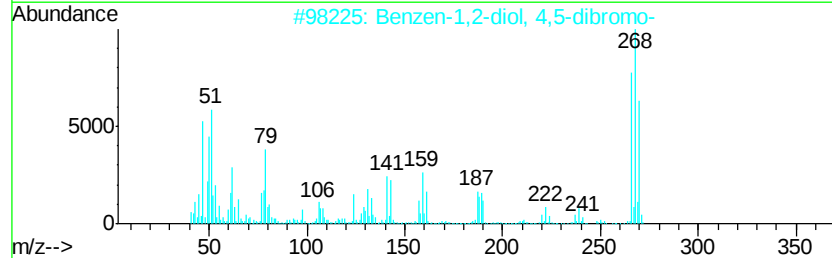
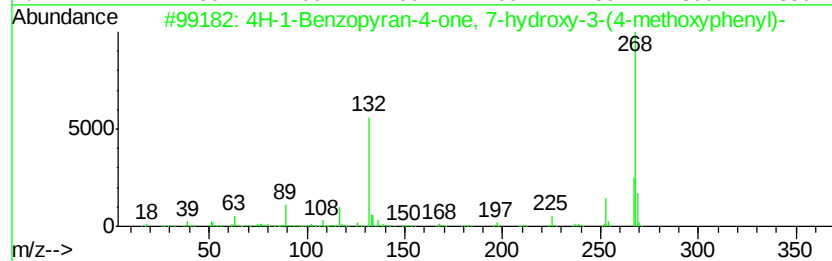
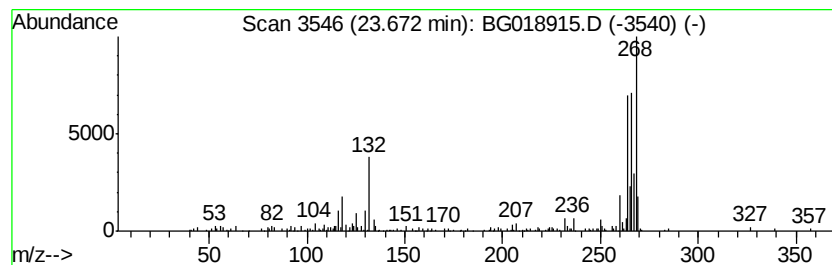
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Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.80 ng/ul	191569	Perylene-d12	24.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Benzopyran-4-one, 7-hydroxy...	268	C16H12O4	000485-72-3	38
2		Benzen-1,2-diol, 4,5-dibromo-	266	C6H4Br2O2	002563-26-0	35
3		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	30
4		5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	30
5		4H-1-Benzopyran-4-one, 3-hydroxy...	268	C16H12O4	007478-60-6	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	74.2	ng/ul	1171540	1	7.99	315829	20.0
unknown-01	15.84	2.9	ng/ul	113714	3	14.61	788432	20.0
unknown-02	19.63	3.1	ng/ul	212419	5	21.61	1353480	20.0
unknown-03	23.67	2.8	ng/ul	191569	6	24.79	1369270	20.0