

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

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-BG052116.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	7.316	753	762	775	rBV	32712	79464	11.35%	2.355%
2	7.468	782	788	797	rBV	27013	56460	8.06%	1.673%
3	7.686	818	825	837	rBV	43866	99868	14.26%	2.960%
4	8.156	894	905	917	rBV	115819	241414	34.47%	7.155%
5	8.861	1019	1025	1037	rBV	50901	113542	16.21%	3.365%
6	9.325	1097	1104	1110	rBV2	36450	82645	11.80%	2.449%
7	10.048	1220	1227	1235	rBV2	33492	76252	10.89%	2.260%
8	10.600	1314	1321	1328	rBV2	54547	120618	17.22%	3.575%
9	10.976	1377	1385	1396	rVB	190524	390940	55.82%	11.586%
10	11.100	1401	1406	1413	rVB6	18849	41770	5.96%	1.238%
11	11.687	1500	1506	1514	rBV8	16188	39770	5.68%	1.179%
12	11.875	1535	1538	1544	rVB4	15742	29588	4.22%	0.877%
13	12.175	1584	1589	1594	rBV8	10655	27315	3.90%	0.810%
14	12.422	1625	1631	1638	rVB8	12615	28652	4.09%	0.849%
15	12.827	1697	1700	1704	rBV5	14637	21912	3.13%	0.649%
16	13.573	1821	1827	1833	rBV10	24955	70342	10.04%	2.085%
17	14.172	1925	1929	1933	rBV	99659	159252	22.74%	4.720%
18	14.419	1966	1971	1975	rBV2	102082	165283	23.60%	4.899%
19	14.478	1976	1981	1985	rBV	149541	272968	38.98%	8.090%
20	14.778	2028	2032	2039	rVB2	302052	555700	79.35%	16.470%
21	16.493	2321	2324	2329	rVB2	528448	700354	100.00%	20.757%

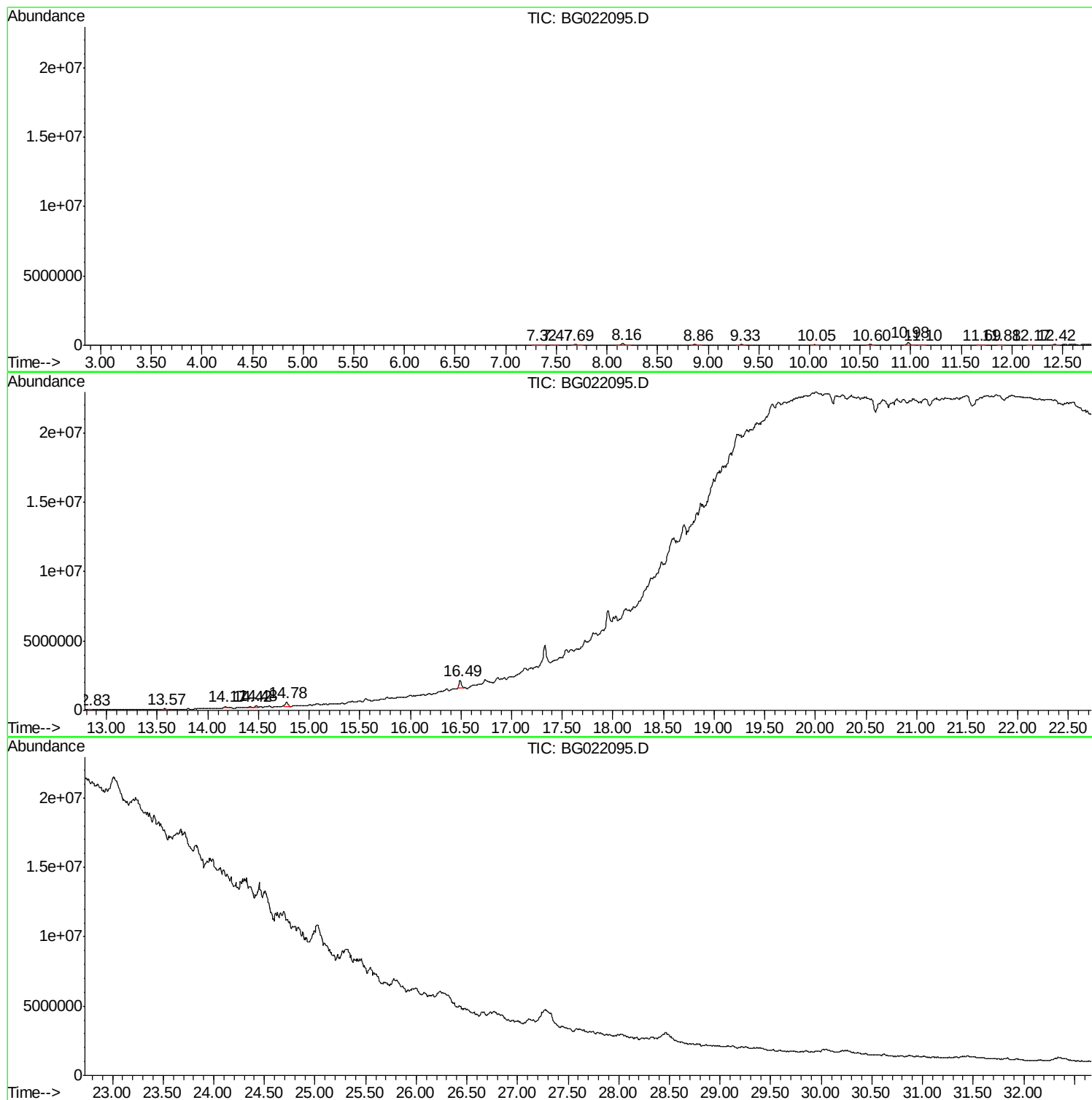
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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



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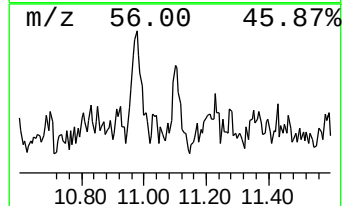
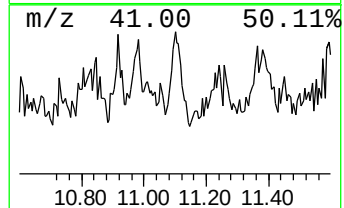
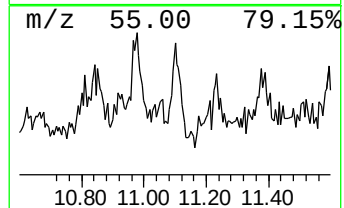
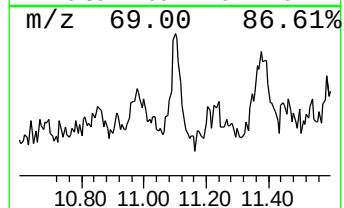
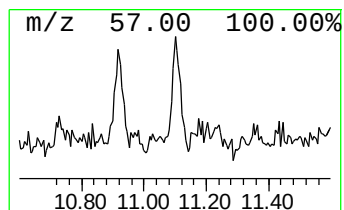
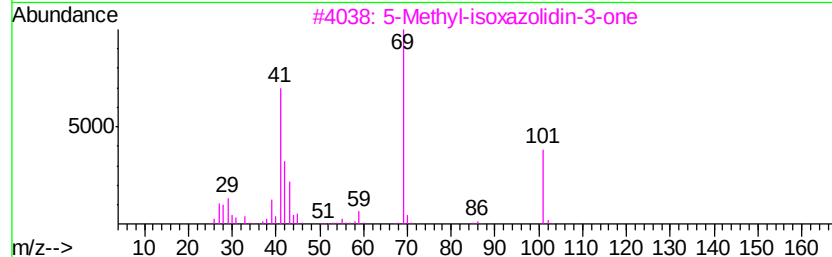
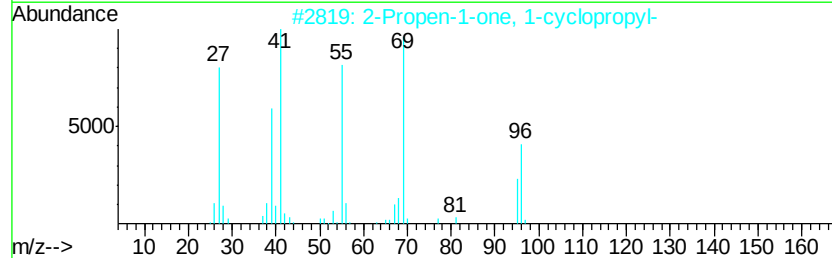
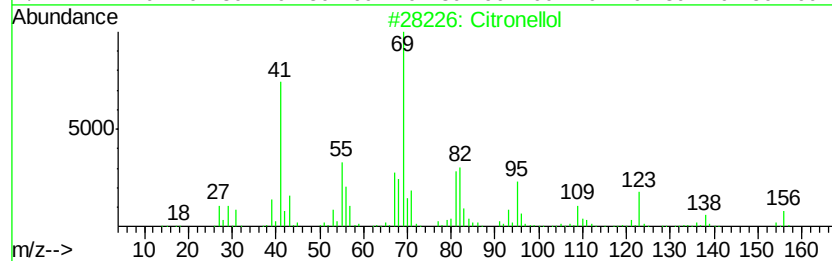
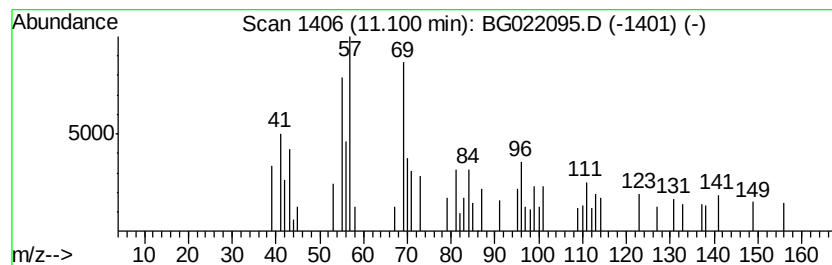
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.10	2.14 ng/ul	41770	Naphthalene-d8	10.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellol	156	C10H20O	000106-22-9	43
2	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	38
3	5-Methyl-isoxazolidin-3-one	101	C4H7NO2	041833-03-8	30
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	27
5	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	22



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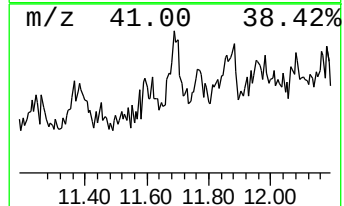
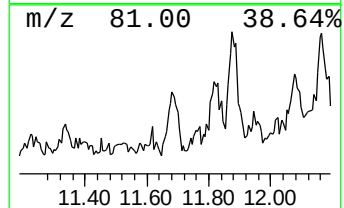
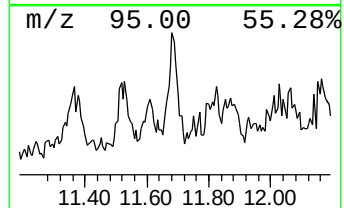
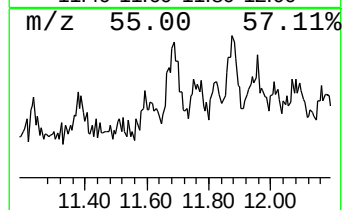
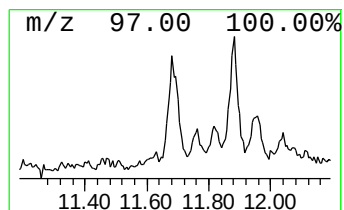
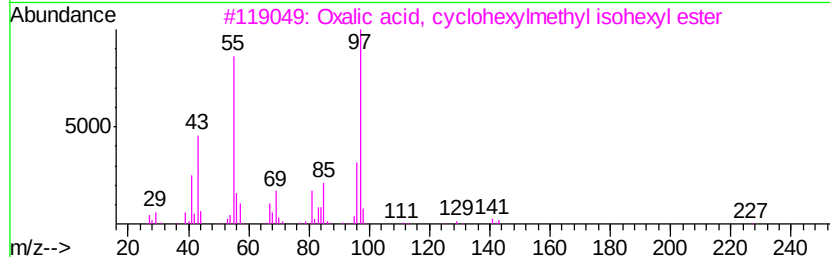
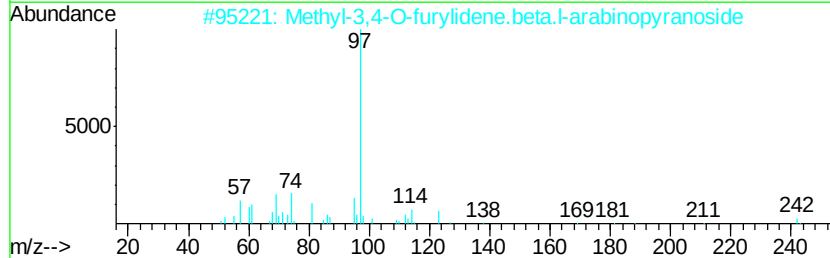
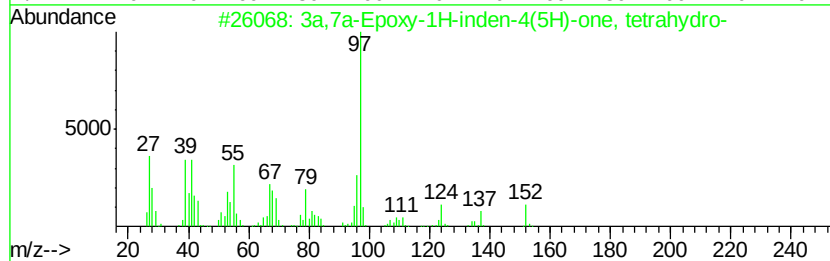
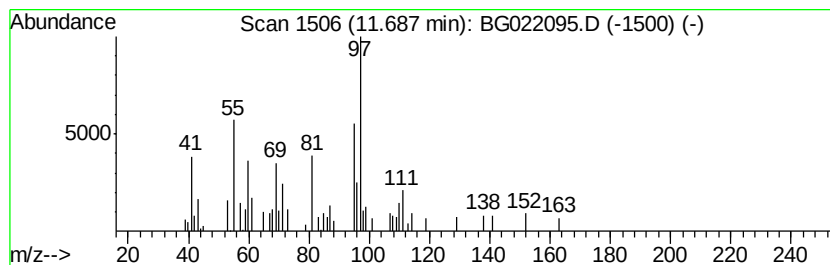
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Peak Number 2 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.03 ng/ul	39770	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	43
2		Methyl-3,4-O-furylidene.beta.l-a...	242	C11H14O6	053547-58-3	38
3		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	35
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35
5		Shikimic acid	174	C7H10O5	000138-59-0	27



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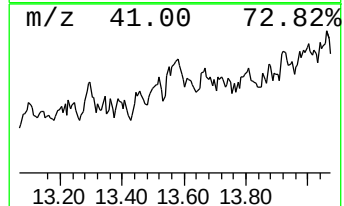
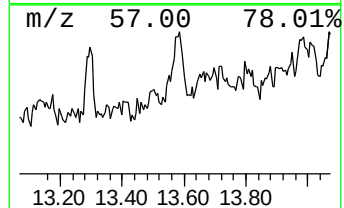
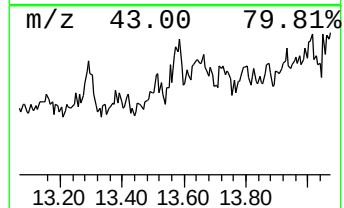
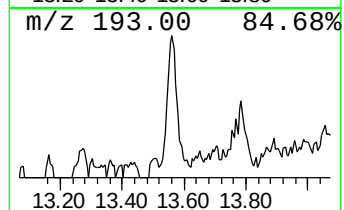
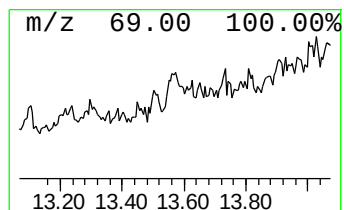
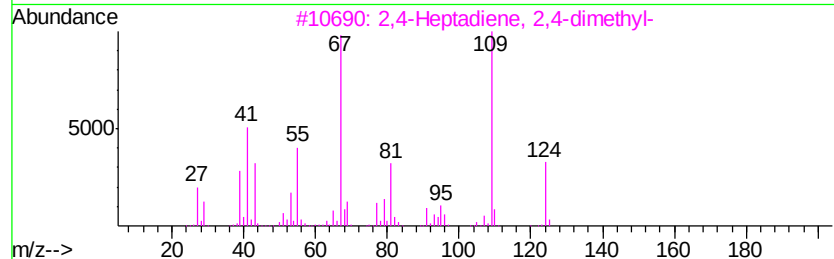
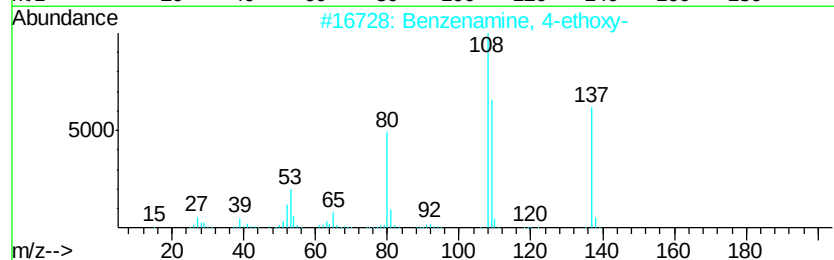
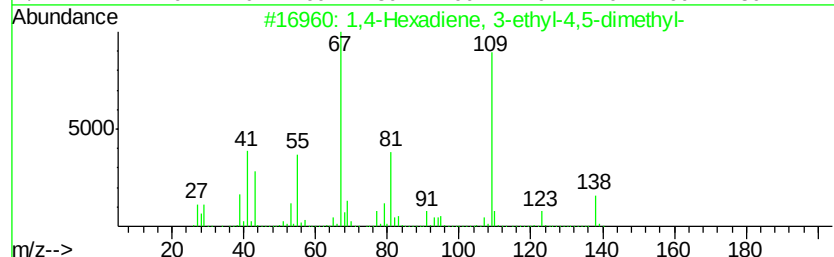
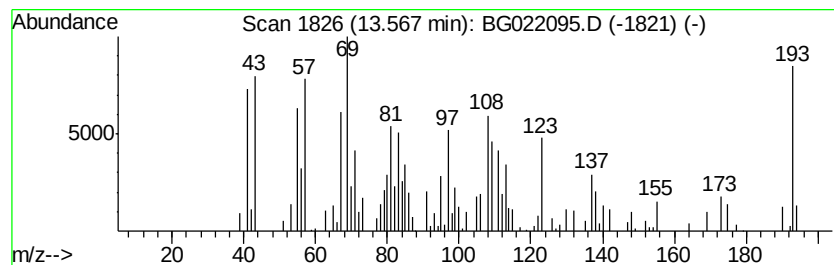
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Peak Number 3 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.53 ng/ul	70342	Acenaphthene-d10	14.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Hexadiene, 3-ethyl-4,5-dimet...	138 C10H18	1000154-09-2	18
2	Benzenamine, 4-ethoxy-	137 C8H11NO	000156-43-4	14
3	2,4-Heptadiene, 2,4-dimethyl-	124 C9H16	074421-05-9	14
4	Cyclopentene, 3-methyl-	82 C6H10	001120-62-3	11
5	Isopropenylcyclopropane	82 C6H10	004663-22-3	11



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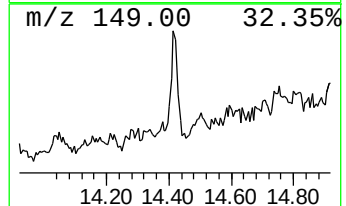
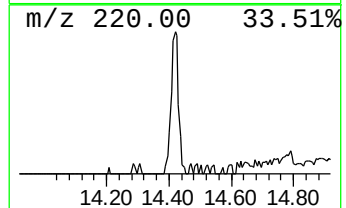
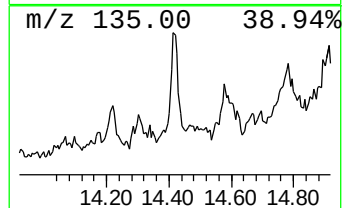
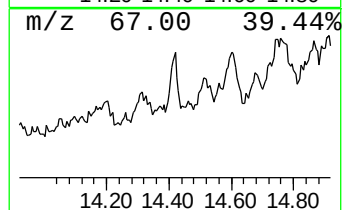
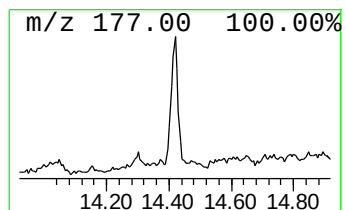
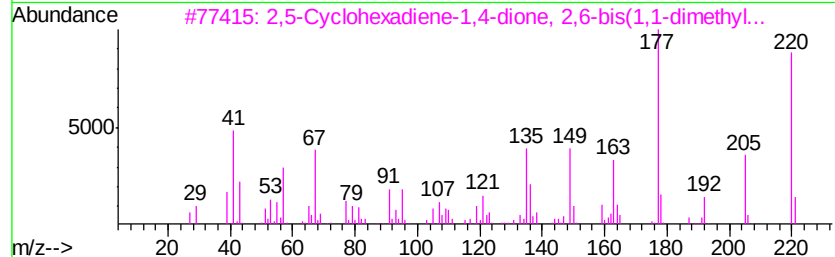
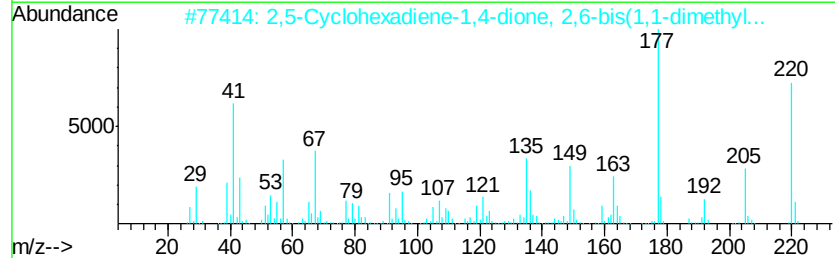
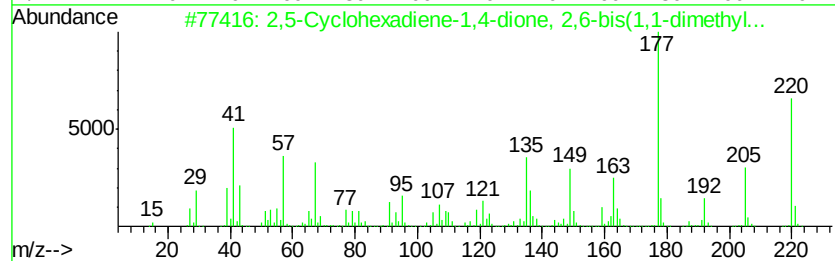
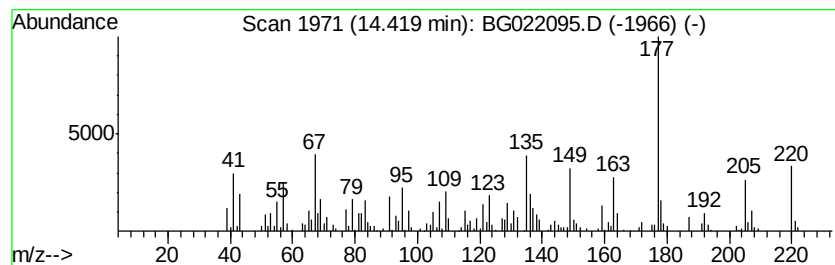
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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Peak Number 4 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.95 ng/ul	165283	Acenaphthene-d10	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	91		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	60		
4	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	50		
5	[5,5-Dimethyl-6-(3-methyl-buta-1...	222	C14H22O2	1000189-07-3	47		



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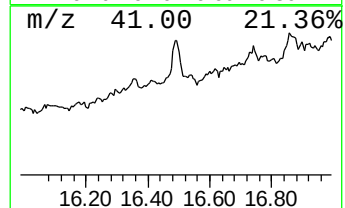
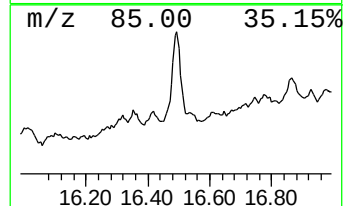
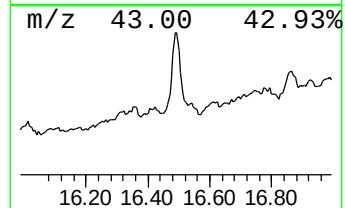
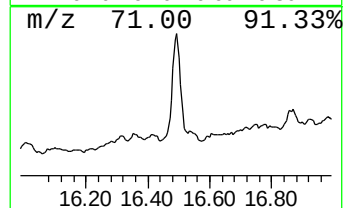
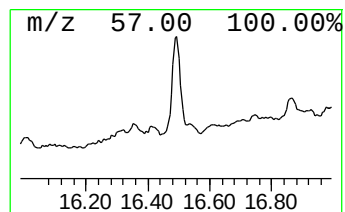
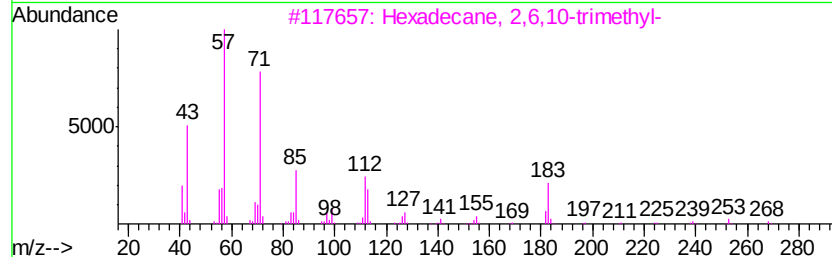
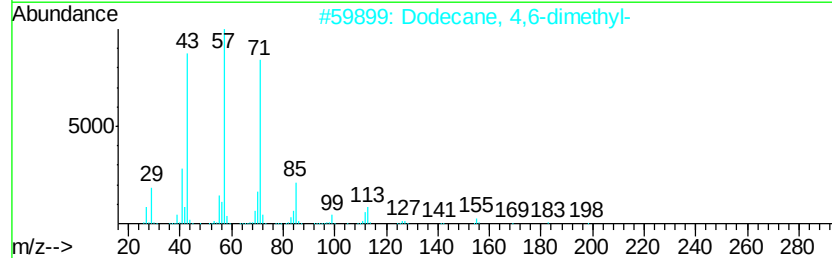
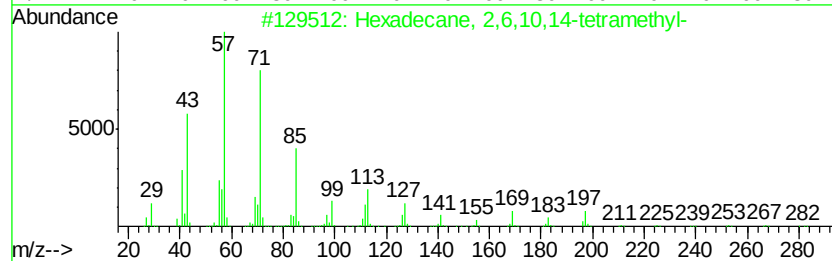
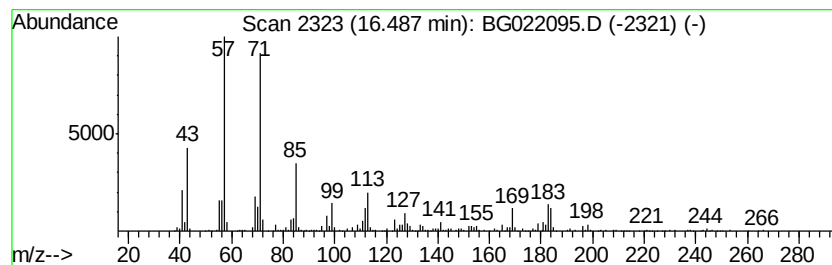
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.49	20.00 ng/ul	700354	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.10	2.1	ng/ul	41770	2	10.98	390940	20.0
unknown-02	11.69	2.0	ng/ul	39770	2	10.98	390940	20.0
unknown-03	13.57	2.5	ng/ul	70342	3	14.78	555700	20.0
2,5-Cyclohexadien...	14.42	6.0	ng/ul	165283	3	14.78	555700	20.0
(DEL) Alkane: Str...	16.49	20.0	ng/ul	700354	4	17.53	700354	20.0