

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
 Data File : BM005974.D
 Acq On : 24 Jun 2016 20:14
 Operator : UM/SJ
 Sample : H3612-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z22

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-BM062216.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	6.357	637	641	648	rVB	53881	82350	1.45%	0.115%
2	6.834	713	722	738	rBV	1203968	2006030	35.37%	2.798%
3	6.998	744	750	762	rBV	913485	1501483	26.47%	2.094%
4	7.192	777	783	794	rBV	1201696	1968532	34.71%	2.746%
5	7.663	854	863	872	rBV	1049956	1726385	30.44%	2.408%
6	8.363	973	982	994	rBV	1251542	2067731	36.46%	2.884%
7	8.481	996	1002	1008	rVB	54226	90714	1.60%	0.127%
8	8.810	1051	1058	1071	rBV	1132661	1892527	33.37%	2.640%
9	9.528	1168	1180	1194	rBV	891722	1549976	27.33%	2.162%
10	10.063	1264	1271	1285	rBV	1353772	2340702	41.27%	3.265%
11	10.439	1328	1335	1346	rBV	1347224	2407987	42.45%	3.359%
12	10.580	1351	1359	1374	rBV	1089328	1923391	33.91%	2.683%
13	13.721	1886	1893	1897	rBV	2076216	3024090	53.32%	4.218%
14	13.768	1897	1901	1917	rVB	697820	1102467	19.44%	1.538%
15	13.998	1929	1940	1950	rBV	2457698	3838343	67.67%	5.354%
16	14.310	1985	1993	2001	rBV2	1746274	2839096	50.06%	3.960%
17	14.504	2020	2026	2042	rBV	876650	1300515	22.93%	1.814%
18	15.304	2154	2162	2170	rBV	3038811	4511783	79.55%	6.293%
19	15.421	2176	2182	2192	rBV	702541	996840	17.58%	1.390%
20	17.056	2453	2460	2465	rBV2	2176010	3228154	56.91%	4.503%
21	17.151	2470	2476	2489	rVB2	2986806	4558893	80.38%	6.359%
22	17.956	2609	2613	2621	rVB4	59055	92856	1.64%	0.130%
23	19.086	2800	2805	2806	rBV	50407	60276	1.06%	0.084%
24	19.115	2806	2810	2815	rVB	151480	204353	3.60%	0.285%
25	19.450	2861	2867	2876	rBV	4000812	5671917	100.00%	7.911%
26	20.292	3004	3010	3016	rBV	122553	183871	3.24%	0.256%
27	20.662	3068	3073	3077	rBV7	69241	114706	2.02%	0.160%
28	20.803	3093	3097	3103	rBV	396584	478973	8.44%	0.668%
29	20.856	3103	3106	3109	rVV2	76314	93176	1.64%	0.130%
30	20.897	3110	3113	3122	rVV5	68906	115515	2.04%	0.161%
31	20.974	3122	3126	3127	rVV3	103340	142254	2.51%	0.198%
32	20.997	3127	3130	3134	rVB2	275245	354173	6.24%	0.494%
33	21.103	3144	3148	3154	rBV2	102598	147147	2.59%	0.205%
34	21.168	3154	3159	3163	rBV2	145746	246208	4.34%	0.343%

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Integration Parameters: LSCINT.P

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.244	3166	3172	3177	rBV	3107054	4011961	70.73%	5.596%
36	21.850	3270	3275	3278	rBV2	159932	298301	5.26%	0.416%
37	22.009	3296	3302	3308	rBV	1451069	1988620	35.06%	2.774%
38	22.303	3349	3352	3358	rVB	89010	115010	2.03%	0.160%
39	22.803	3432	3437	3441	rBV2	398102	643359	11.34%	0.897%
40	23.321	3518	3525	3531	rBV2	2831250	5376227	94.79%	7.499%
41	23.462	3542	3549	3566	rVB	2051203	4020320	70.88%	5.608%
42	24.003	3635	3641	3649	rBV	463416	905360	15.96%	1.263%
43	24.732	3761	3765	3779	rVB	224563	504368	8.89%	0.704%
44	27.026	4150	4155	4173	rVB6	306833	966578	17.04%	1.348%

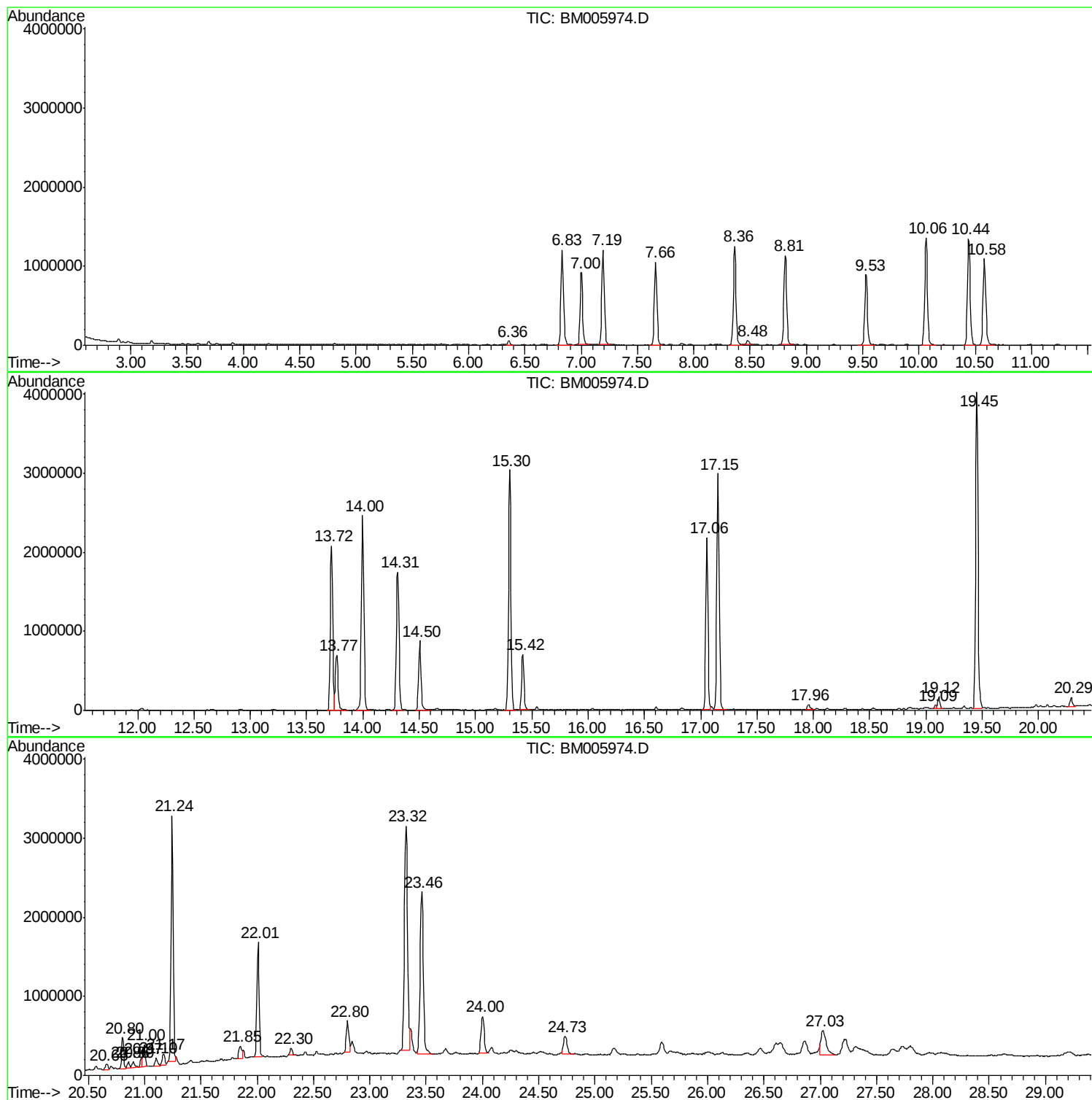
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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



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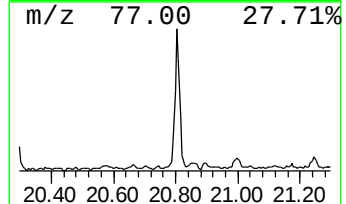
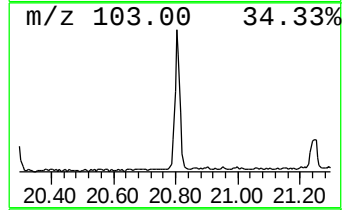
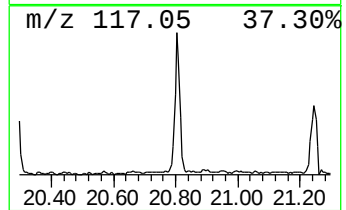
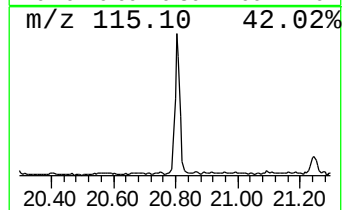
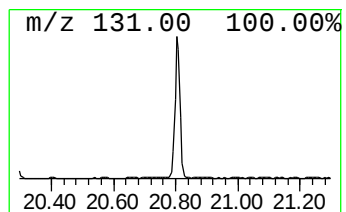
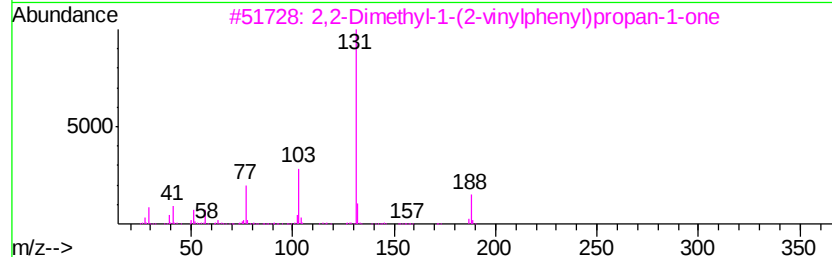
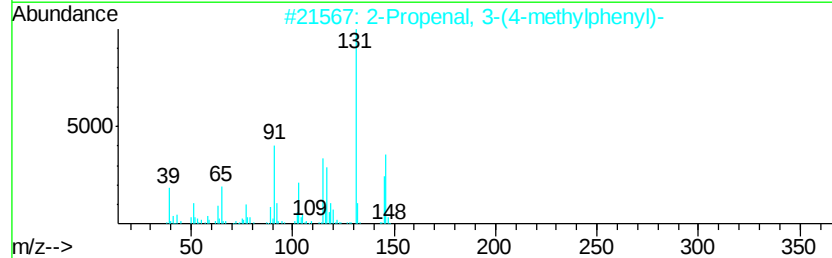
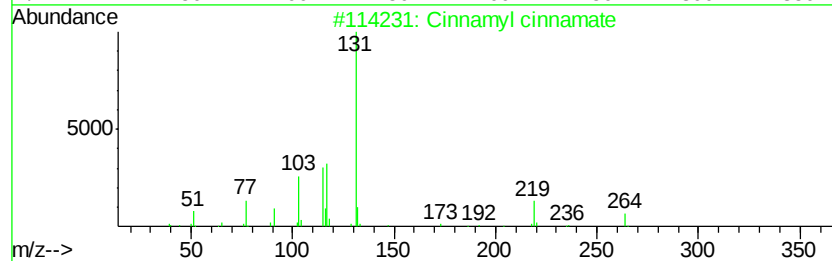
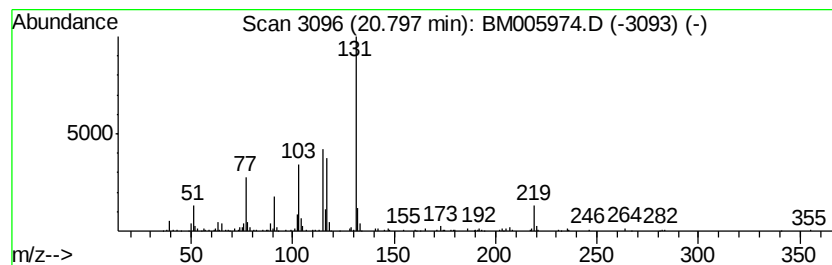
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cinnamyl cinnamate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.80	2.39 ng/ul	478973	Chrysene-d12	21.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86	
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50	
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47	
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47	
5	2-Propenamide, N,N-diethyl-3-phe...	203	C13H17NO	003680-04-4	47	



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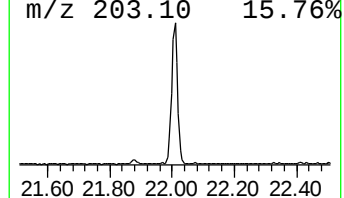
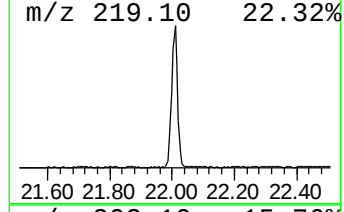
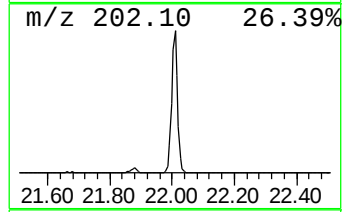
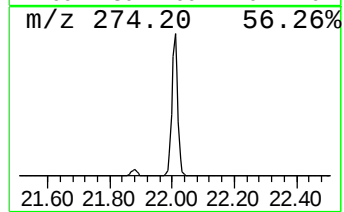
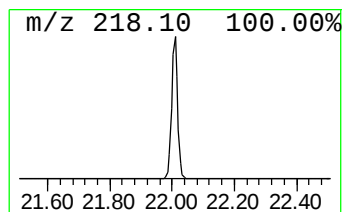
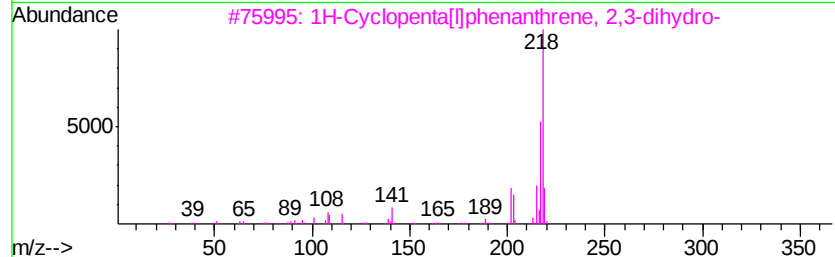
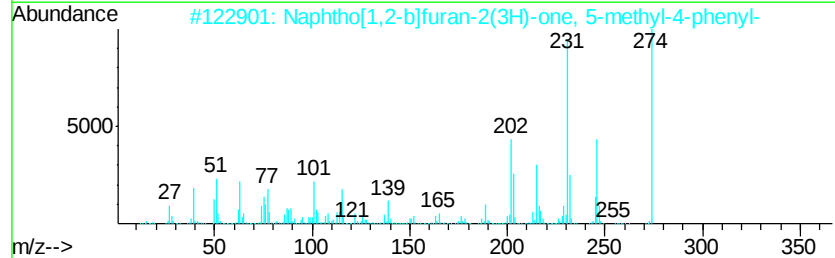
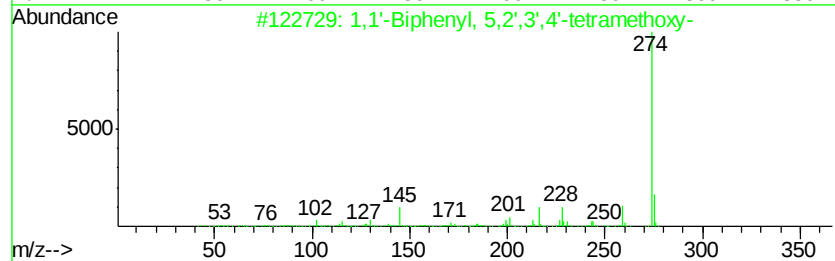
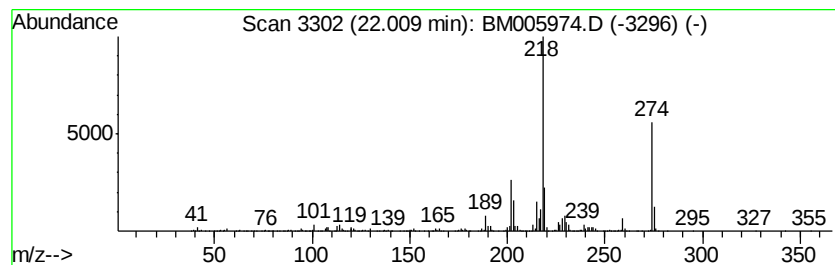
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Peak Number 2 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	9.91 ng/ul	1988620	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	56
2		Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	55
3		1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
4		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
5		Pyrrolo[2,3-b]indol-5-ol, 1,2,3,...	218	C13H18N2O	000469-22-7	43



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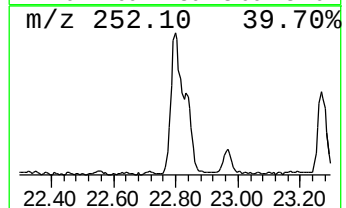
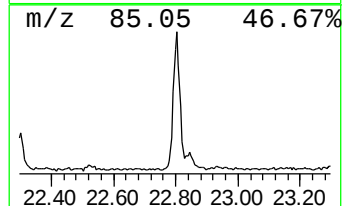
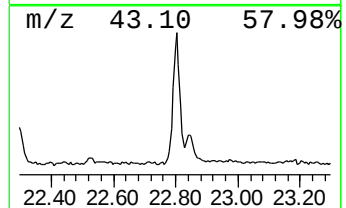
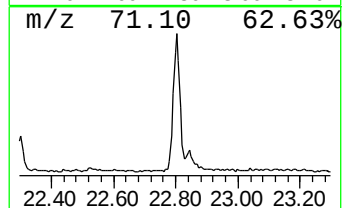
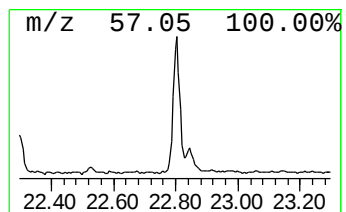
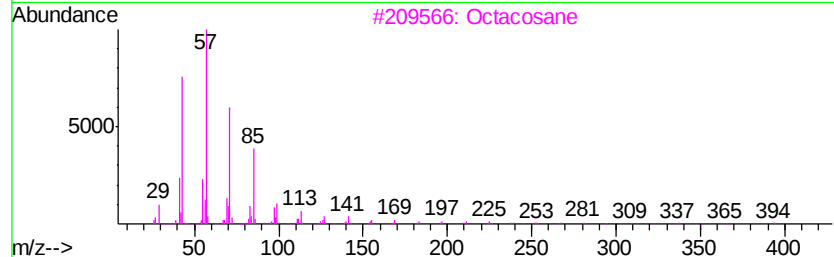
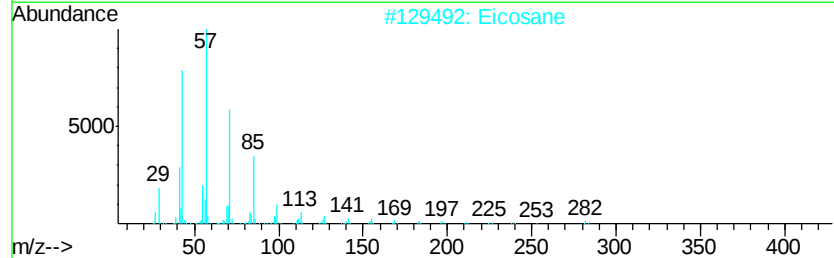
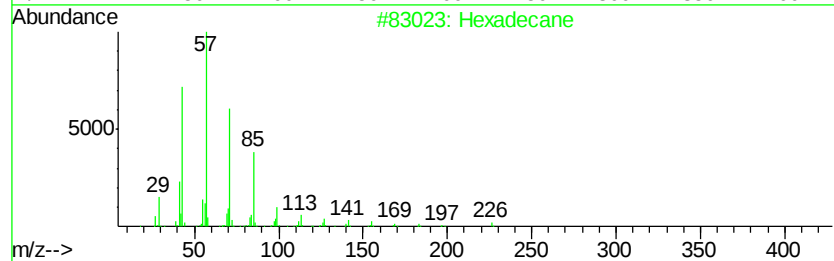
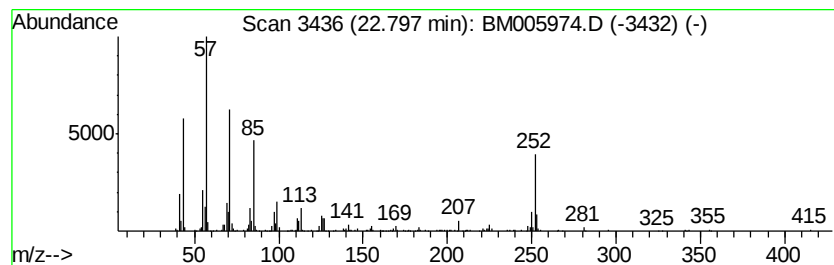
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.20 ng/ul	643359	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	76
3		Octacosane	394	C28H58	000630-02-4	74
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Hexatriacontane	507	C36H74	000630-06-8	74



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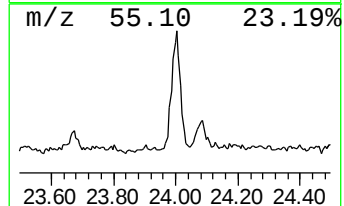
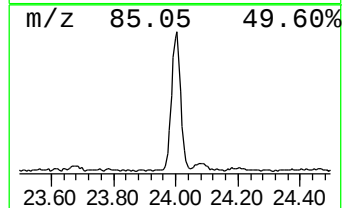
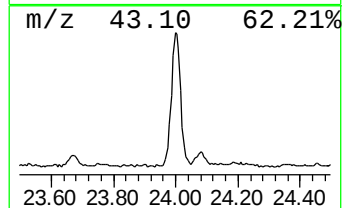
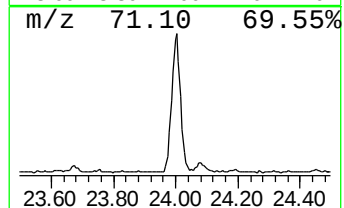
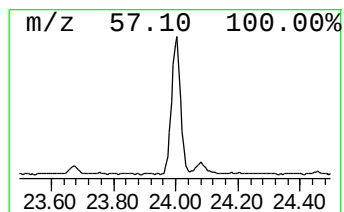
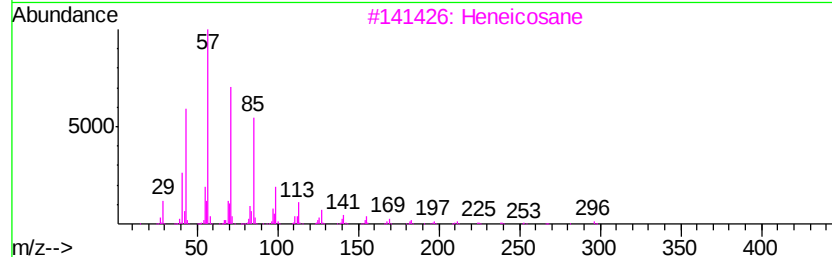
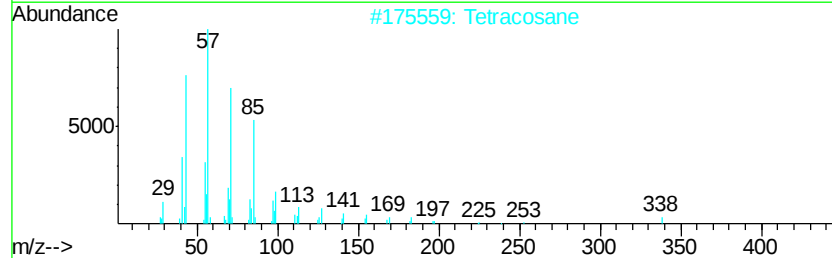
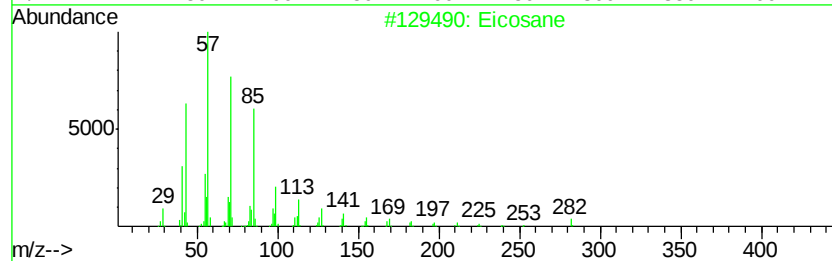
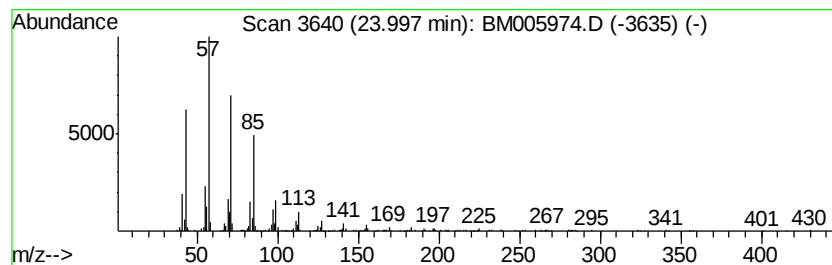
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	4.50 ng/ul	905360	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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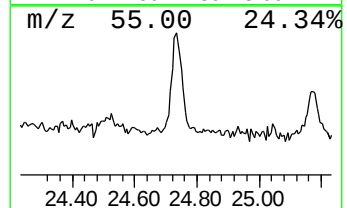
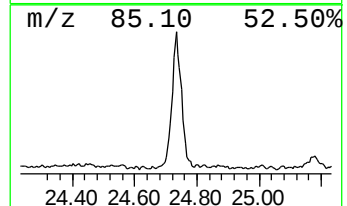
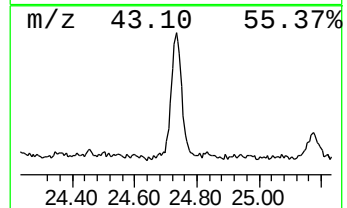
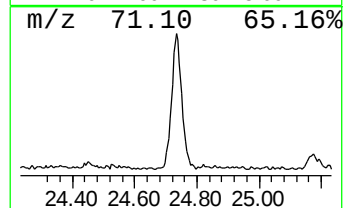
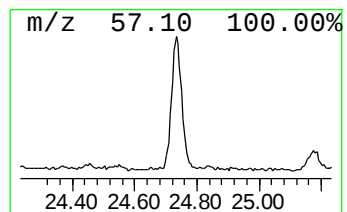
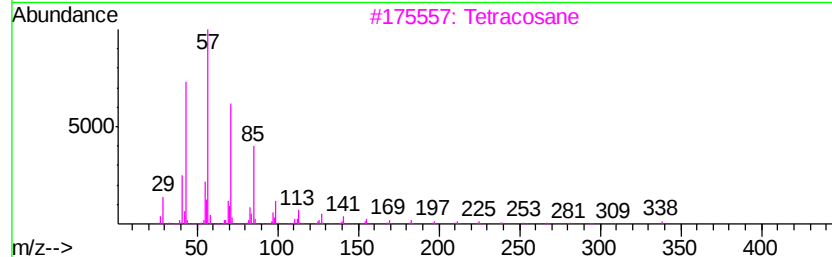
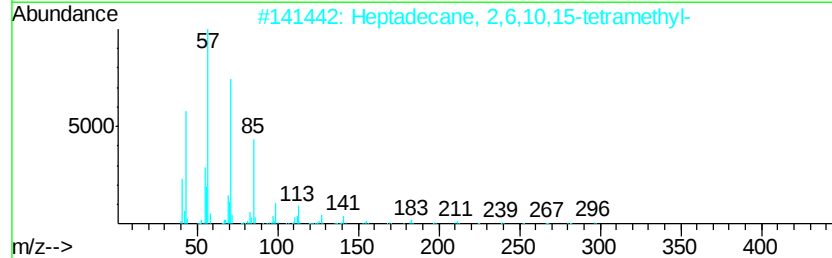
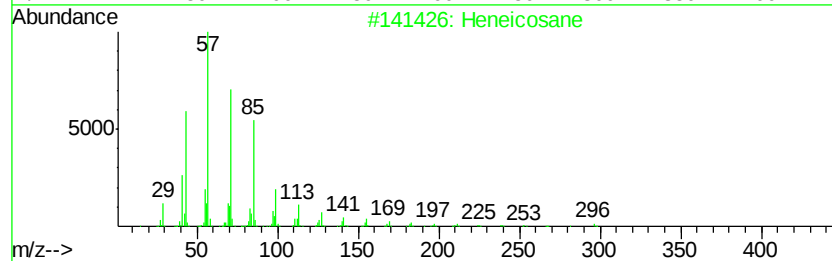
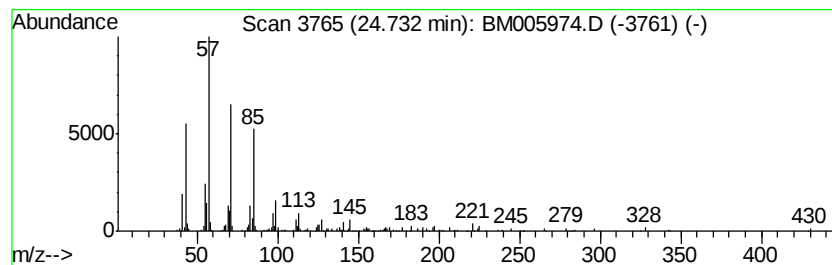
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.51 ng/ul	504368	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3		Tetracosane	338	C24H50	000646-31-1	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005974.D
Acq On : 24 Jun 2016 20:14
Operator : UM/SJ
Sample : H3612-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z22

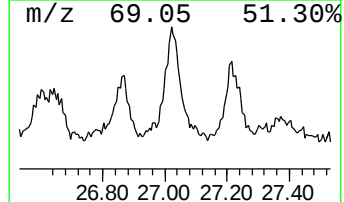
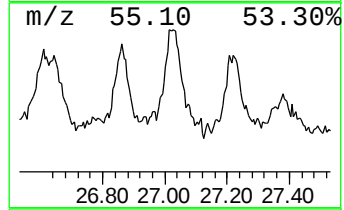
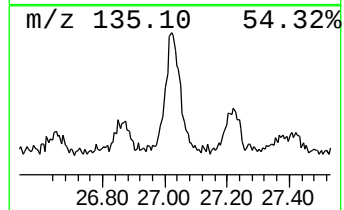
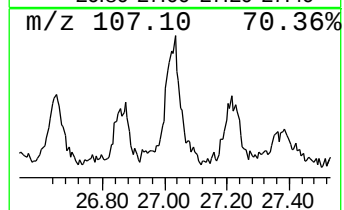
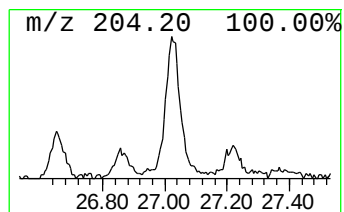
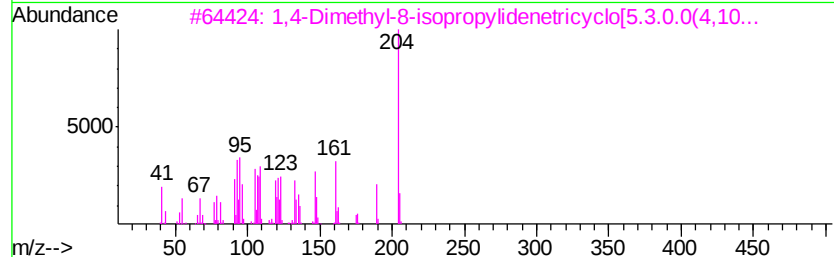
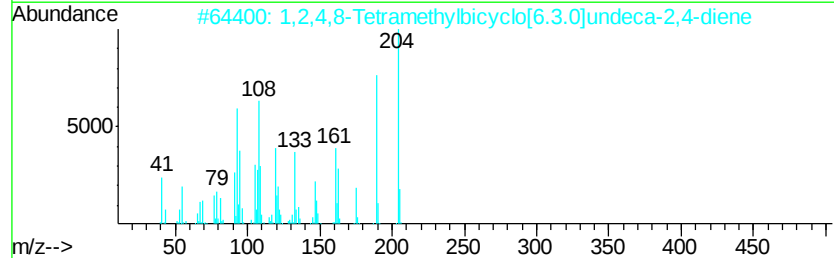
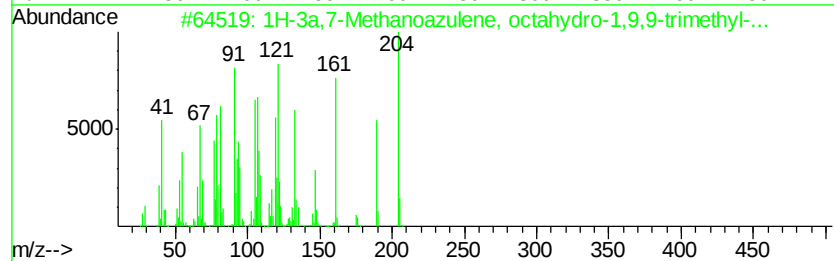
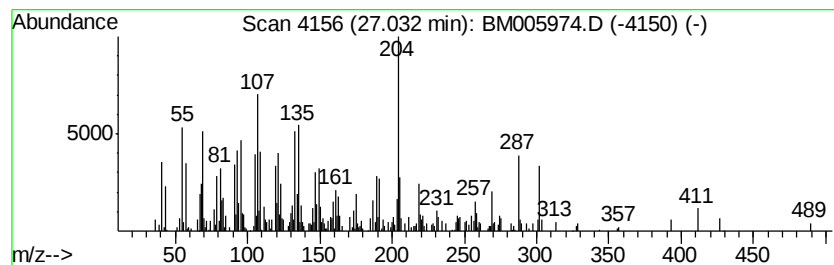
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-3a,7-Methanoazulene, oct... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.03	4.81 ng/ul	966578	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	70
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	70
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	64
4		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	53
5		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005974.D
Acq On : 24 Jun 2016 20:14
Operator : UM/SJ
Sample : H3612-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z22

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cinnamyl cinnamate	20.80	2.4	ng/ul	478973	5	21.24	4011960	20.0
1,1'-Biphenyl, 5,...	22.01	9.9	ng/ul	1988620	5	21.24	4011960	20.0
(DEL) Alkane: Str...	22.80	3.2	ng/ul	643359	6	23.46	4020320	20.0
(DEL) Alkane: Str...	24.00	4.5	ng/ul	905360	6	23.46	4020320	20.0
(DEL) Alkane: Str...	24.73	2.5	ng/ul	504368	6	23.46	4020320	20.0
1H-3a,7-Methanoaz...	27.03	4.8	ng/ul	966578	6	23.46	4020320	20.0