

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
 Data File : BM004831.D
 Acq On : 29 Mar 2016 21:39
 Operator : UM/SJ
 Sample : H1939-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG8

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-BM031516.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	6.987	723	731	742	rBV	271407	439904	19.91%	1.661%
2	7.157	754	760	769	rVB	234994	359480	16.27%	1.357%
3	7.357	788	794	804	rBV	281082	443502	20.07%	1.674%
4	7.828	867	874	882	rBB	256308	414158	18.74%	1.564%
5	8.522	986	992	1005	rVB	368188	589464	26.67%	2.226%
6	8.981	1063	1070	1081	rBV	265071	427650	19.35%	1.615%
7	9.698	1186	1192	1200	rVB	214323	355328	16.08%	1.342%
8	10.233	1276	1283	1297	rBV	360053	591306	26.76%	2.232%
9	10.616	1339	1348	1357	rBV	404728	675785	30.58%	2.551%
10	10.751	1364	1371	1385	rBV	345697	591047	26.74%	2.231%
11	13.868	1895	1901	1905	rBV	686093	946961	42.85%	3.575%
12	13.916	1905	1909	1916	rVB	234341	317036	14.35%	1.197%
13	14.151	1943	1949	1957	rBV	753474	1152698	52.16%	4.352%
14	14.357	1978	1984	1989	rBV	40253	50557	2.29%	0.191%
15	14.463	1989	2002	2010	rVB2	615378	958128	43.35%	3.617%
16	14.651	2027	2034	2049	rBV	326720	484580	21.93%	1.830%
17	15.310	2141	2146	2151	rVB	63767	77601	3.51%	0.293%
18	15.451	2164	2170	2181	rVB	973553	1485778	67.23%	5.610%
19	15.568	2184	2190	2202	rVB	298232	412400	18.66%	1.557%
20	15.698	2205	2212	2219	rBV3	21185	52992	2.40%	0.200%
21	16.168	2287	2292	2309	rBV	70532	129953	5.88%	0.491%
22	16.962	2422	2427	2430	rBV	34884	44730	2.02%	0.169%
23	17.009	2430	2435	2440	rVB4	12599	22555	1.02%	0.085%
24	17.204	2462	2468	2476	rBV	802904	1182544	53.51%	4.465%
25	17.304	2479	2485	2494	rVB2	1117506	1635176	73.99%	6.174%
26	18.092	2614	2619	2626	rBV	91368	142937	6.47%	0.540%
27	18.521	2688	2692	2696	rBV3	19570	23990	1.09%	0.091%
28	19.227	2809	2812	2820	rBV	16822	28500	1.29%	0.108%
29	19.374	2833	2837	2842	rBV2	42486	68731	3.11%	0.259%
30	19.598	2869	2875	2881	rBV2	1394717	1986089	89.87%	7.498%
31	20.139	2964	2967	2971	rVB	28237	32912	1.49%	0.124%
32	20.633	3047	3051	3055	rBV	74483	81027	3.67%	0.306%
33	21.092	3125	3129	3138	rBV	528324	728232	32.95%	2.749%
34	21.392	3174	3180	3190	rVB	1099723	1472137	66.61%	5.558%

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35	21.533	3201	3204	3212	rVB	125746	149423	6.76%	0.564%
36	21.974	3275	3279	3289	rBV	134953	219925	9.95%	0.830%
37	22.086	3294	3298	3301	rBV	64263	78539	3.55%	0.297%
38	22.180	3310	3314	3323	rVB	152866	203275	9.20%	0.767%
39	22.297	3330	3334	3342	rVB2	162977	235241	10.64%	0.888%
40	22.450	3356	3360	3365	rVB	72899	100554	4.55%	0.380%
41	22.556	3372	3378	3388	rVB5	77355	161754	7.32%	0.611%
42	22.780	3412	3416	3421	rVB2	71497	106566	4.82%	0.402%
43	22.950	3438	3445	3454	rBV2	498272	910348	41.19%	3.437%
44	23.038	3456	3460	3467	rVB5	57012	95298	4.31%	0.360%
45	23.221	3485	3491	3501	rVB	1251199	2210001	100.00%	8.344%
46	23.538	3537	3545	3558	rVV	961751	1910632	86.45%	7.214%
47	23.685	3562	3570	3581	rVB	627769	1256207	56.84%	4.743%
48	24.215	3655	3660	3668	rVB	59084	111069	5.03%	0.419%
49	24.303	3670	3675	3682	rBV3	42199	92973	4.21%	0.351%
50	24.985	3785	3791	3798	rBV	48455	104381	4.72%	0.394%
51	25.879	3939	3943	3951	rVB2	30194	62961	2.85%	0.238%
52	26.932	4116	4122	4133	rVB3	24656	71626	3.24%	0.270%

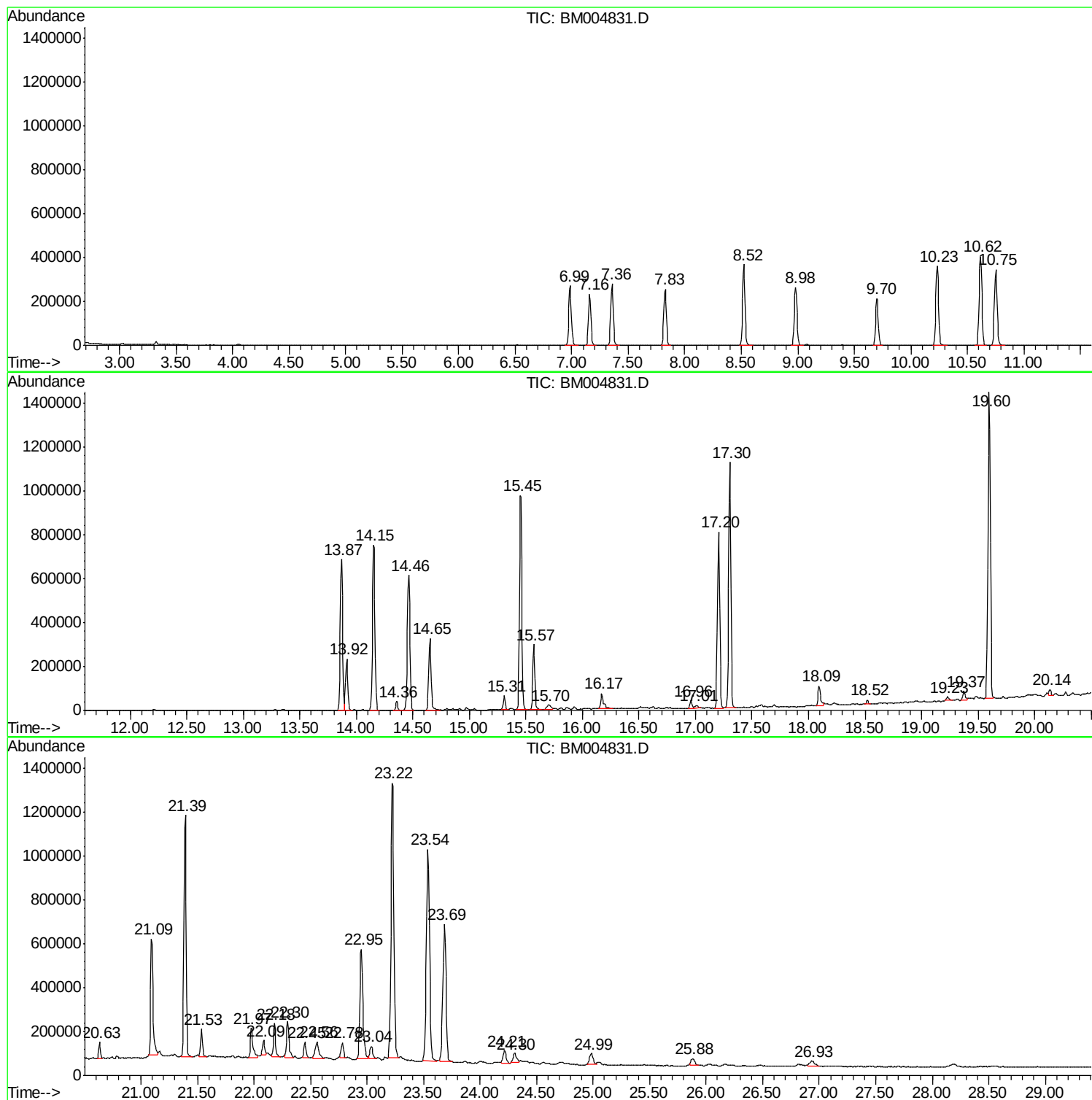
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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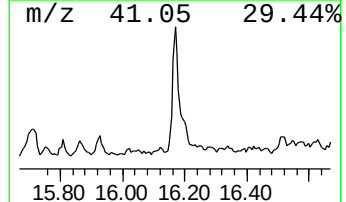
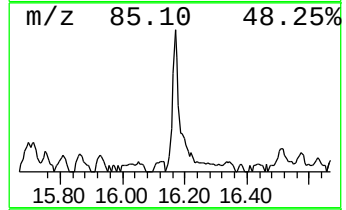
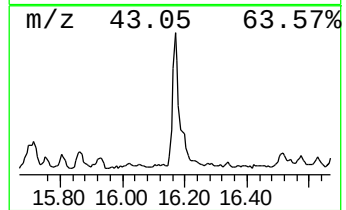
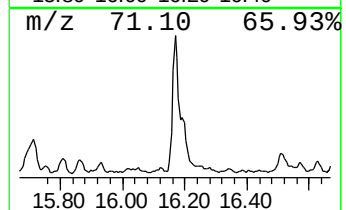
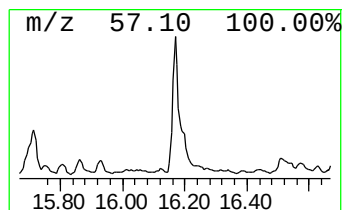
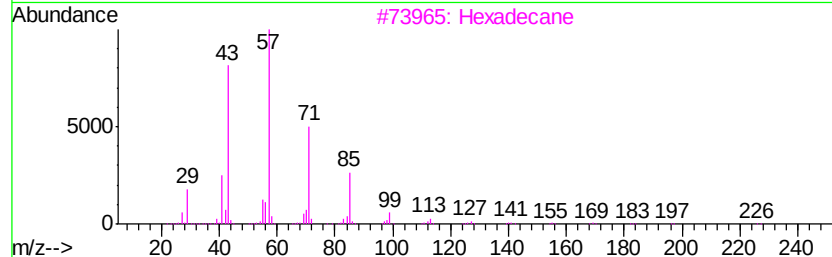
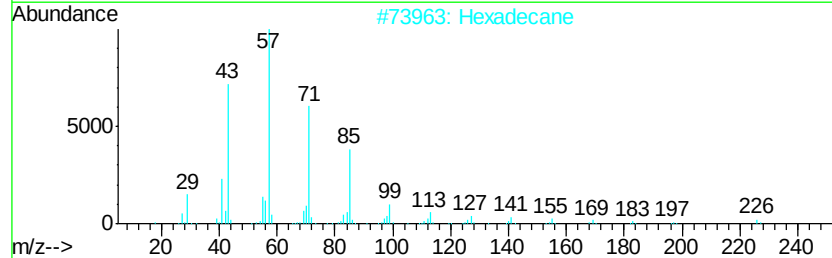
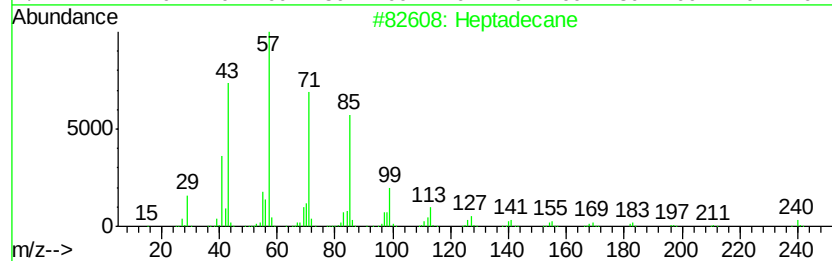
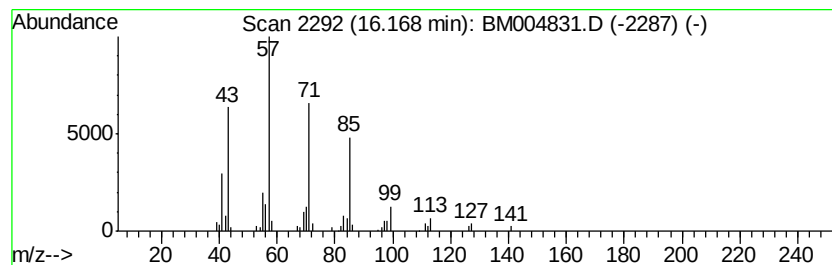
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.20 ng/ul	129953	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Hexadecane	226	C16H34	000544-76-3	78



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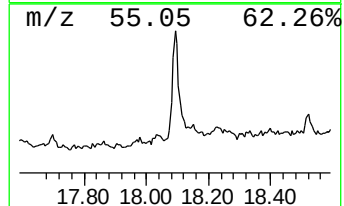
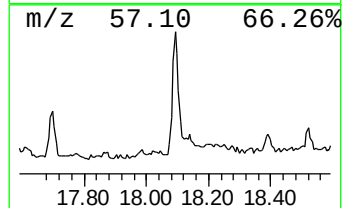
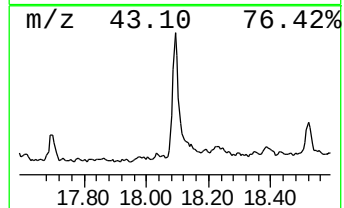
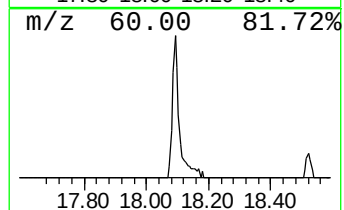
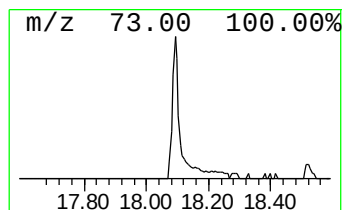
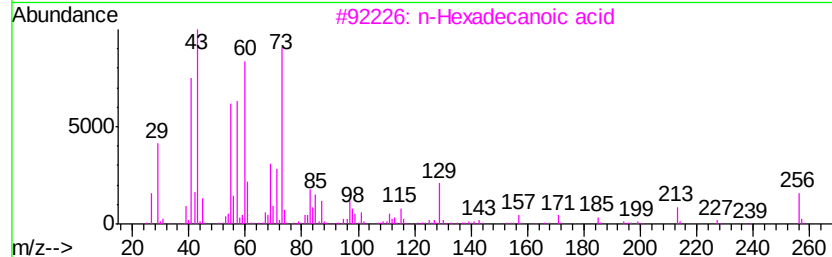
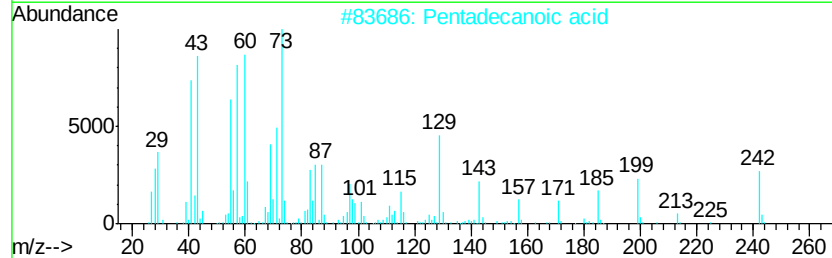
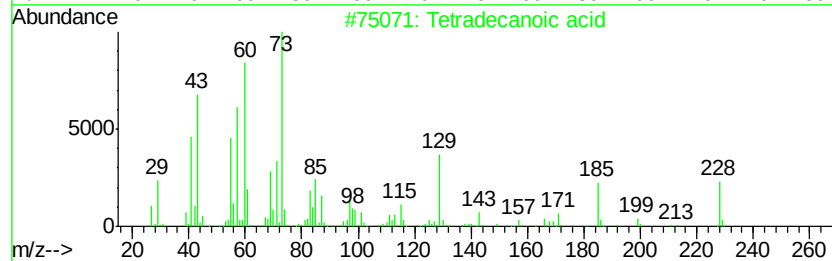
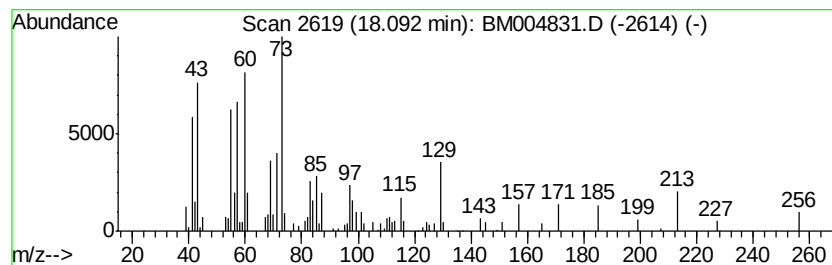
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.42 ng/ul	142937	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	59



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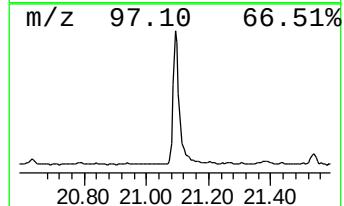
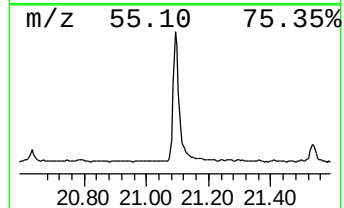
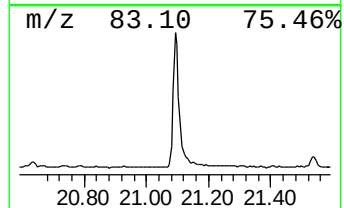
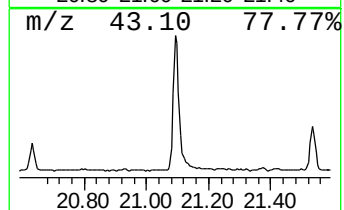
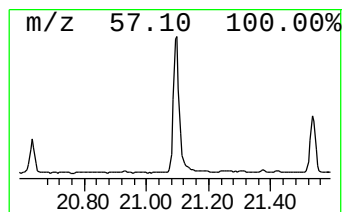
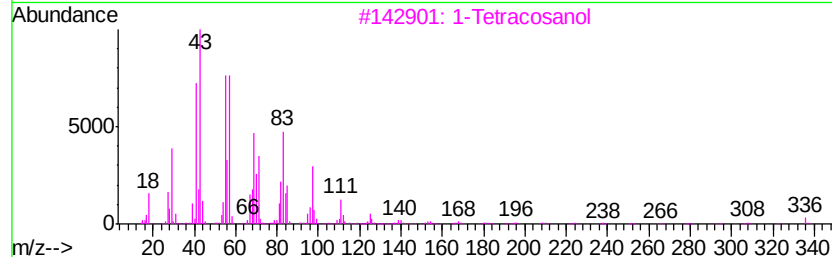
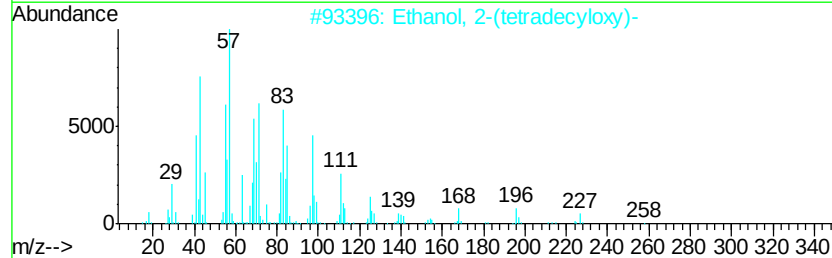
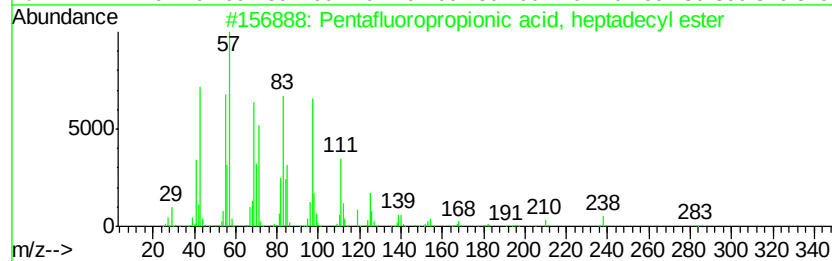
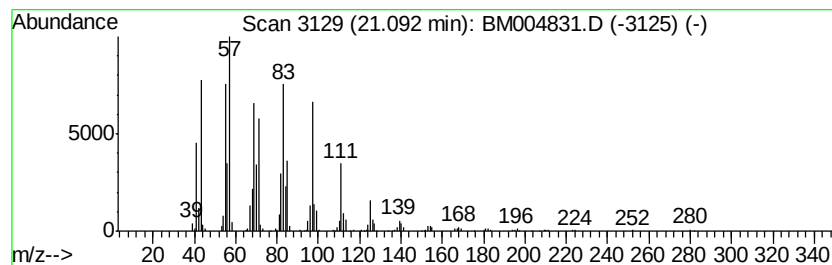
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	9.89 ng/ul	728232	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Tetracosanol	354	C24H50O	000506-51-4	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90



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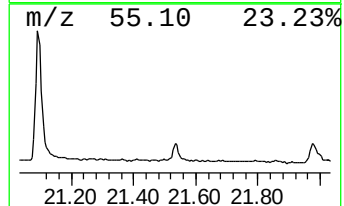
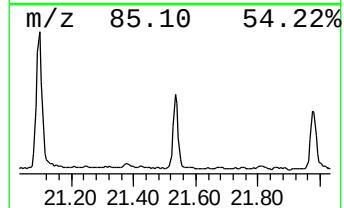
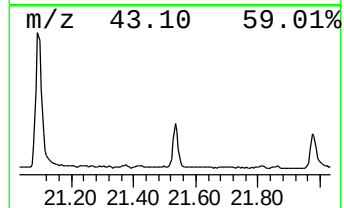
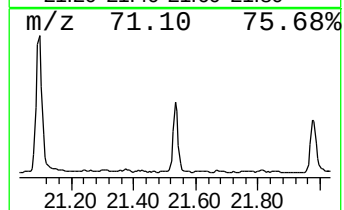
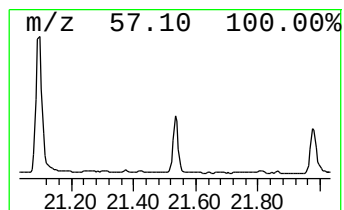
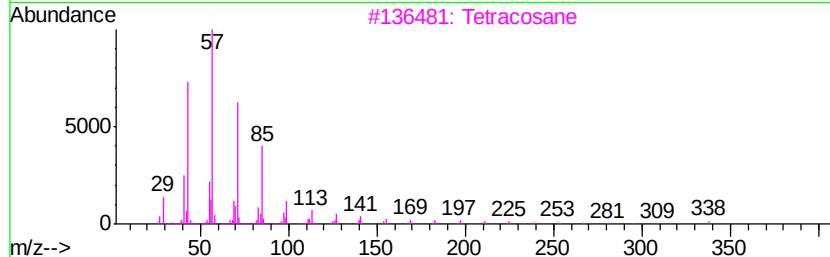
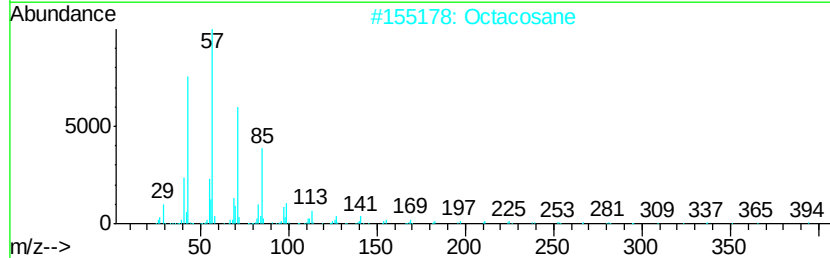
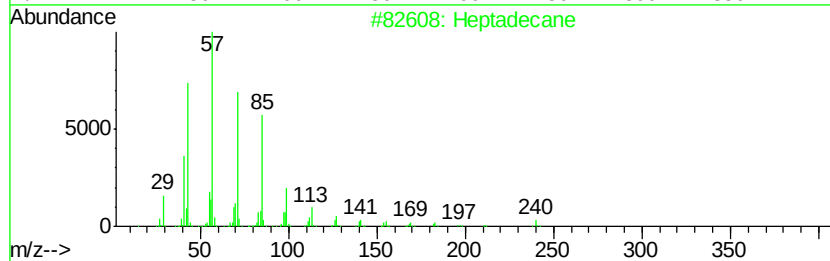
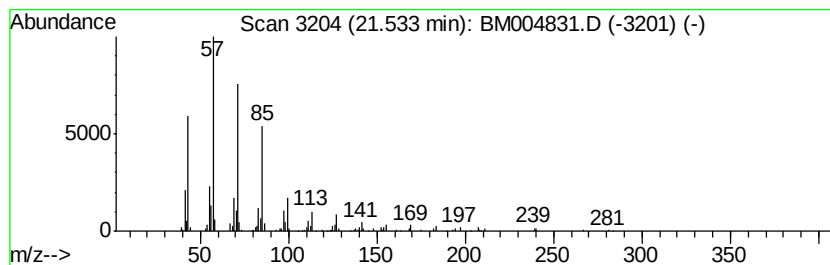
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.03 ng/ul	149423	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Docosane	310	C22H46	000629-97-0	91
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



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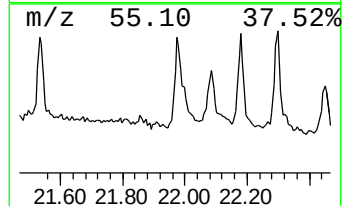
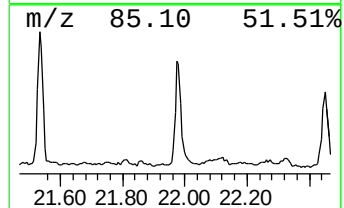
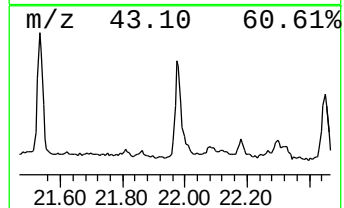
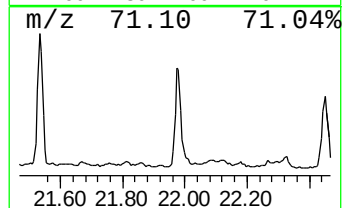
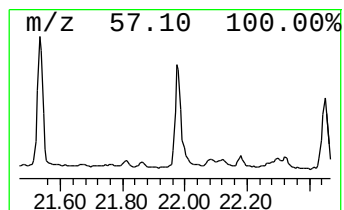
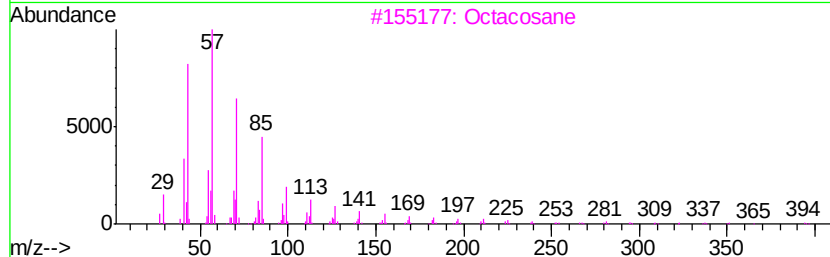
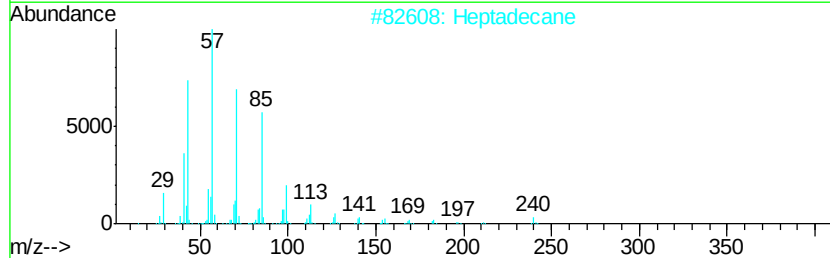
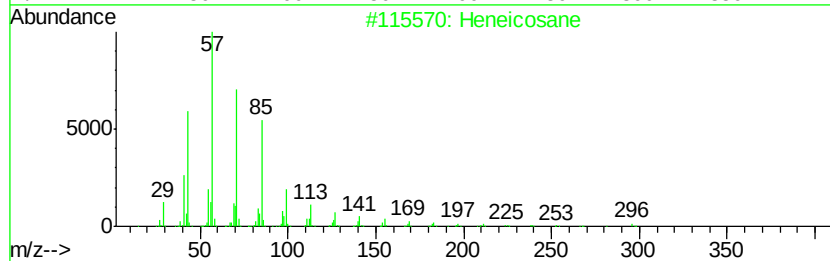
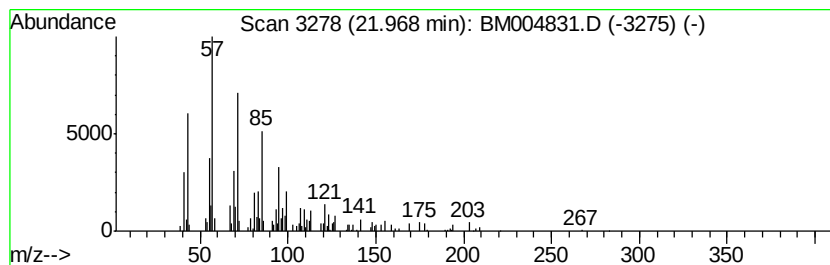
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
21.97	2.99 ng/ul	219925	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	81
2		Heptadecane	240	C17H36	000629-78-7	81
3		Octacosane	394	C28H58	000630-02-4	81
4		Tetratetracontane	619	C44H90	007098-22-8	76
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
Data File : BM004831.D
Acq On : 29 Mar 2016 21:39
Operator : UM/SJ
Sample : H1939-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

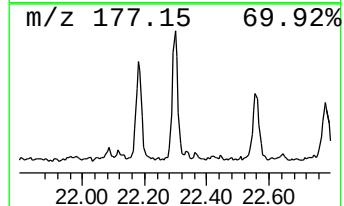
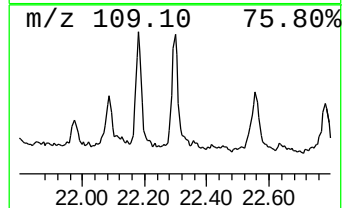
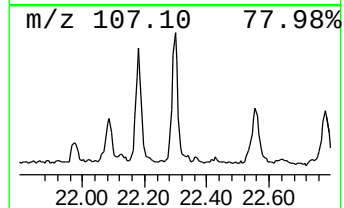
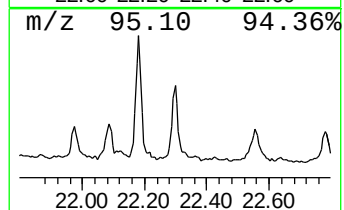
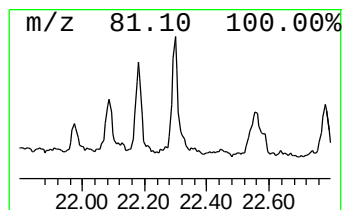
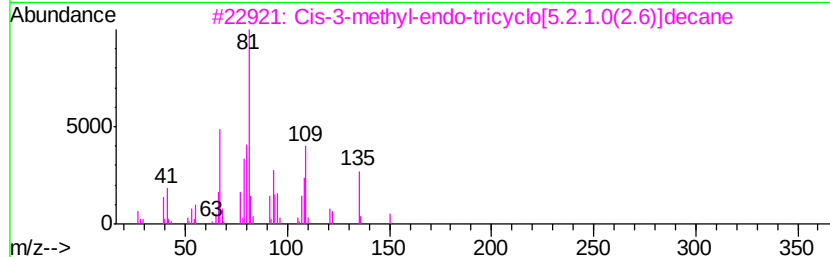
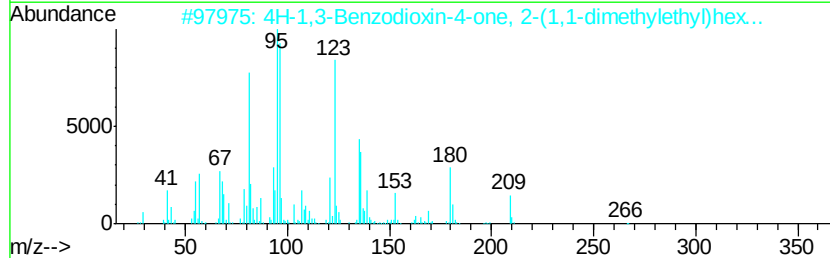
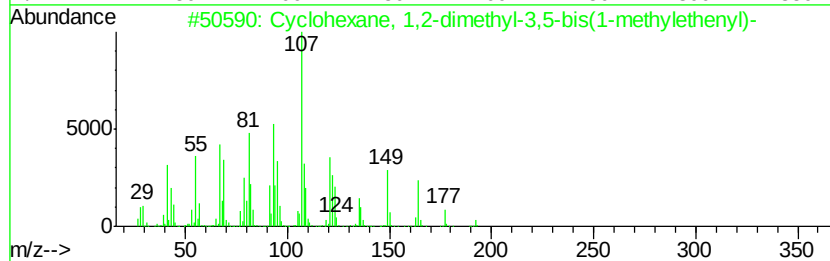
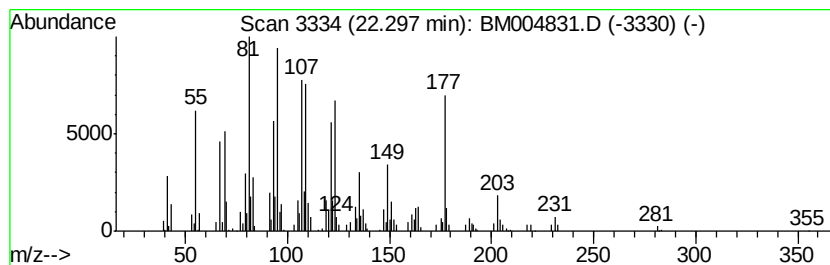
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.20 ng/ul	235241	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2-dimethyl-3,5-bi...	192 C14H24	062337-99-9 38
2		4H-1,3-Benzodioxin-4-one, 2-(1,1...	266 C16H26O3	124899-18-9 38
3		Cis-3-methyl-endo-tricyclo[5.2.1...	150 C11H18	1000215-29-0 25
4		Bicyclo[2.2.1]heptane-1-methanes...	232 C10H16O4S	005872-08-2 15
5		Cyclopropanecarboxylic acid, 3-(...	374 C22H30O5	001172-63-0 14



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
Data File : BM004831.D
Acq On : 29 Mar 2016 21:39
Operator : UM/SJ
Sample : H1939-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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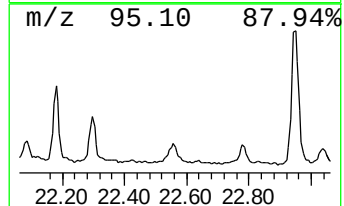
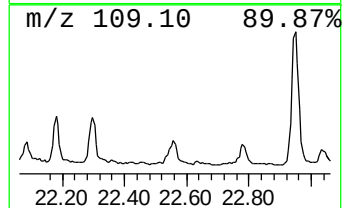
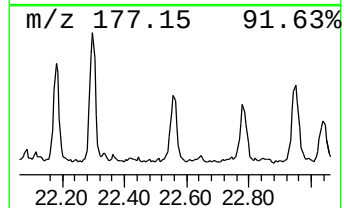
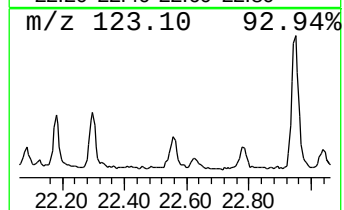
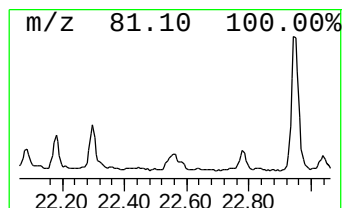
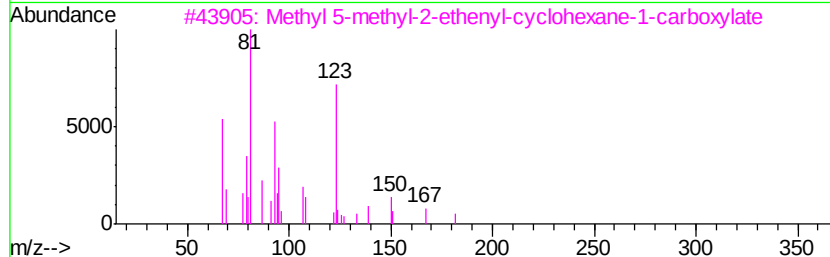
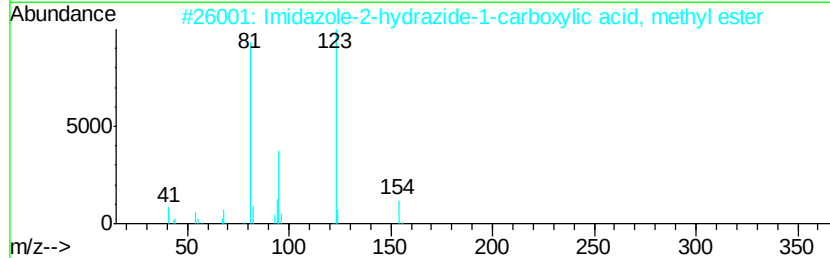
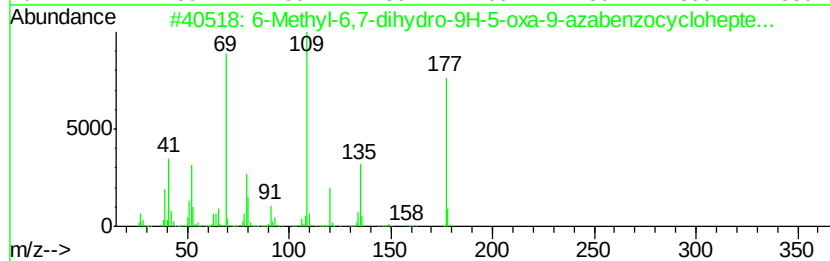
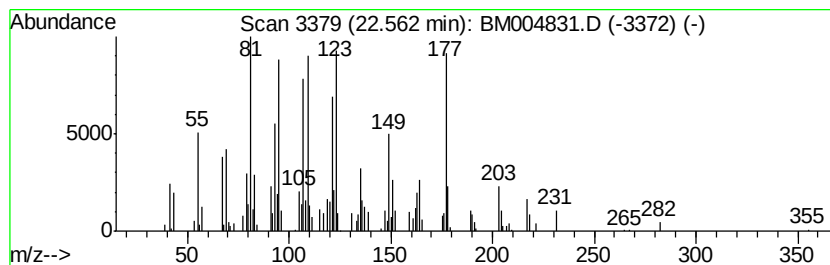
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.58 ng/ul	161754	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-6,7-dihydro-9H-5-oxa-9-...	177	C10H11N02	1000210-20-2	25
2		Imidazole-2-hydrazide-1-carboxyl...	154	C5H6N4O2	1000126-42-2	14
3		Methyl 5-methyl-2-ethenyl-cyclohex...	182	C11H18O2	1000144-54-1	14
4		(2R,4R)-p-Mentha-6,8-diene, 2-hy...	168	C10H16O2	1000292-74-2	14
5		trans-Chrysanthemal	152	C10H16O	020104-05-6	14



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
Data File : BM004831.D
Acq On : 29 Mar 2016 21:39
Operator : UM/SJ
Sample : H1939-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG8

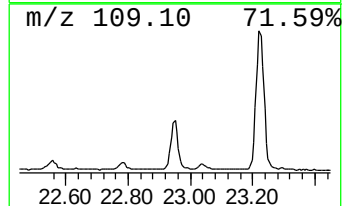
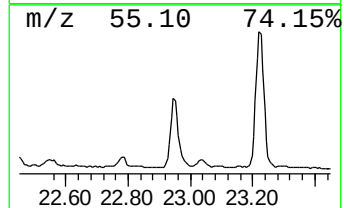
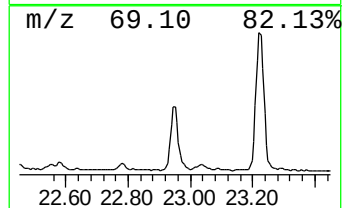
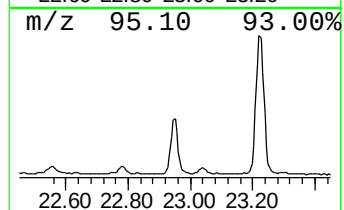
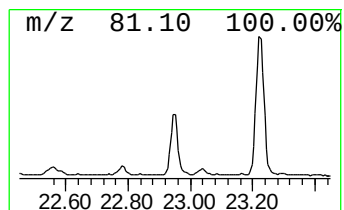
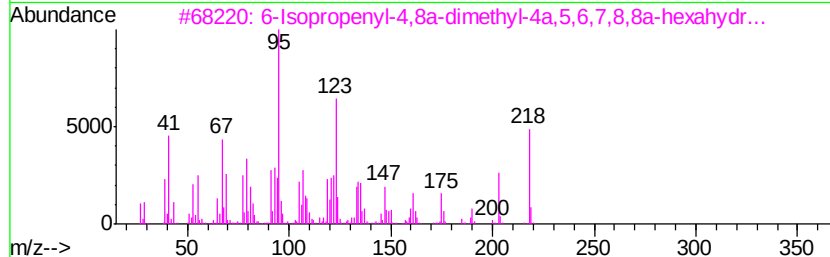
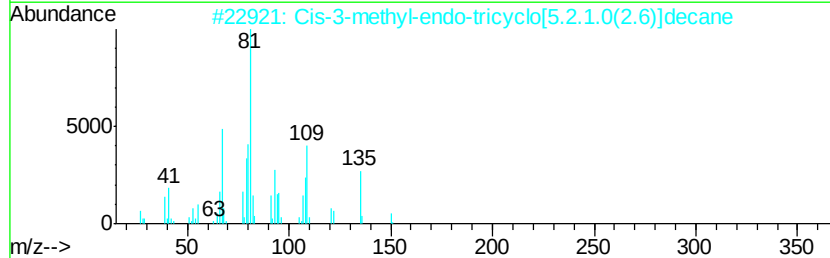
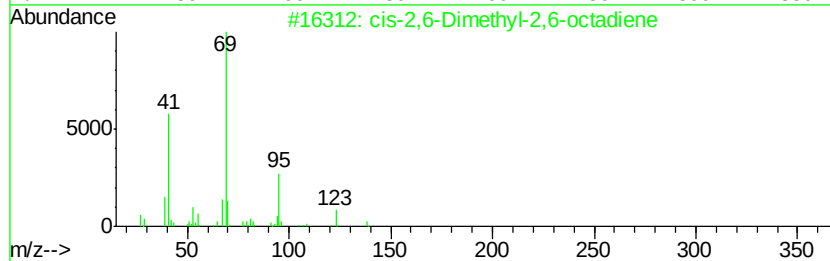
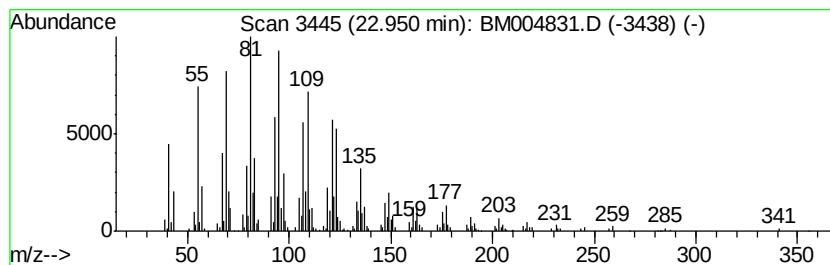
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic22.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	14.49 ng/ul	910348	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	35
2		Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	25
3		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
4		di-t-Butylacetylene	138	C10H18	017530-24-4	22
5		[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	22



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
Data File : BM004831.D
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Operator : UM/SJ
Sample : H1939-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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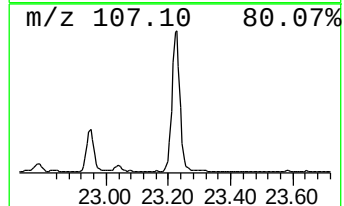
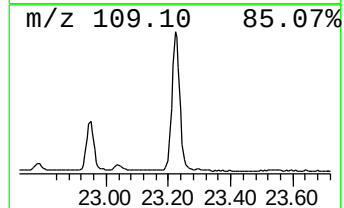
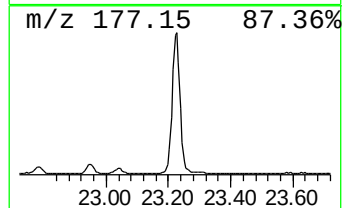
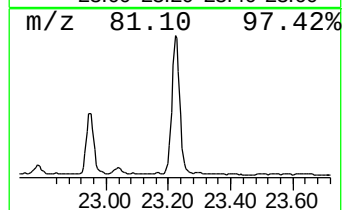
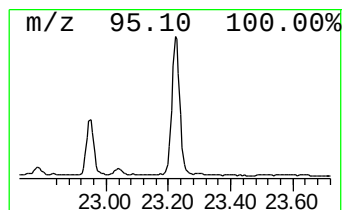
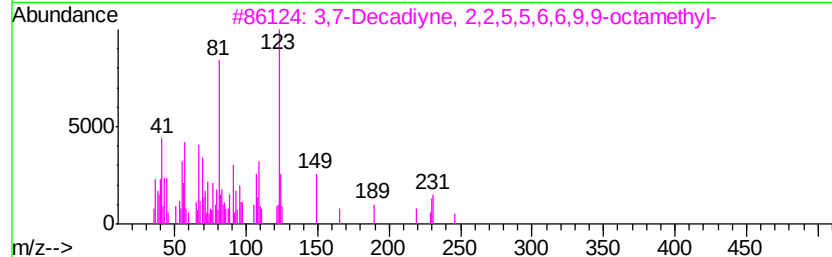
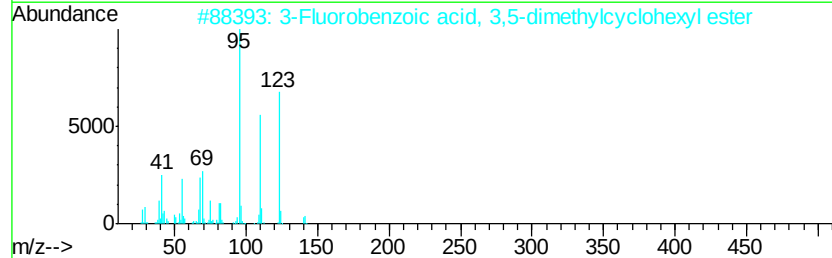
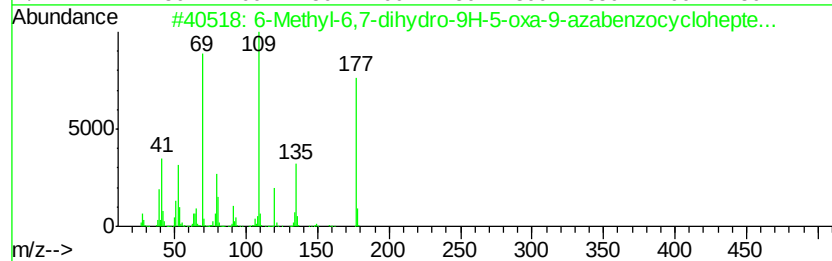
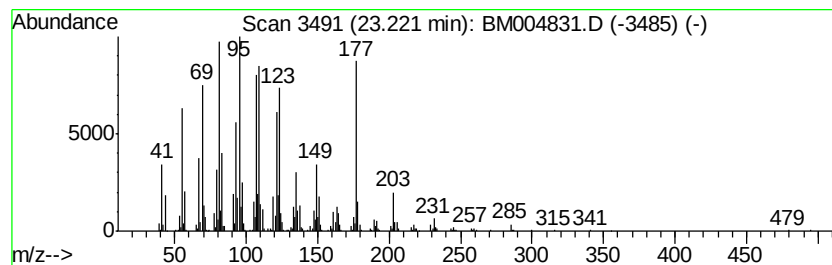
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	35.19 ng/ul	2210000	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-6,7-dihydro-9H-5-oxa-9-...	177	C10H11N02	1000210-20-2	30
2		3-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19F02	1000279-01-8	27
3		3,7-Decadiyne, 2,2,5,5,6,6,9,9-o...	246	C18H30	017553-35-4	22
4		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	18
5		p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	14



Data Path : Z:\HPCHEM1\BNA_M\Data\BM032916\
Data File : BM004831.D
Acq On : 29 Mar 2016 21:39
Operator : UM/SJ
Sample : H1939-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.17	2.2	ng/ul	129953	4	17.20	1182540	20.0
Tetradecanoic acid	18.09	2.4	ng/ul	142937	4	17.20	1182540	20.0
Pentafluoropropio...	21.09	9.9	ng/ul	728232	5	21.39	1472140	20.0
(DEL) Alkane: Str...	21.53	2.0	ng/ul	149423	5	21.39	1472140	20.0
(DEL) Alkane: Str...	21.97	3.0	ng/ul	219925	5	21.39	1472140	20.0
unknown-01	22.30	3.2	ng/ul	235241	5	21.39	1472140	20.0
unknown-02	22.56	2.6	ng/ul	161754	6	23.69	1256210	20.0
(DEL) Alkane: Cyc...	22.95	14.5	ng/ul	910348	6	23.69	1256210	20.0
unknown-03	23.22	35.2	ng/ul	2210000	6	23.69	1256210	20.0