

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004874.D
 Acq On : 02 Apr 2016 12:19
 Operator : UM/SJ
 Sample : H2004-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

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-BM040116.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	5.163	413	421	433	rBV	2067573	3633485	100.00%	13.049%
2	6.987	725	731	741	rBV	47667	78779	2.17%	0.283%
3	7.151	754	759	767	rBV	169776	266046	7.32%	0.955%
4	7.357	788	794	806	rBV	172554	291927	8.03%	1.048%
5	7.710	848	854	864	rBV	239745	382044	10.51%	1.372%
6	7.822	866	873	874	rVV	215254	269419	7.41%	0.968%
7	7.857	874	879	889	rVB	1356898	2396161	65.95%	8.606%
8	8.175	926	933	941	rBV	1181060	1988146	54.72%	7.140%
9	8.522	983	992	1001	rBV	159265	254810	7.01%	0.915%
10	8.975	1062	1069	1079	rBV	208547	342714	9.43%	1.231%
11	9.357	1128	1134	1143	rBV	30905	53640	1.48%	0.193%
12	9.698	1186	1192	1199	rBV	175207	283140	7.79%	1.017%
13	10.228	1276	1282	1291	rBV	263489	451462	12.43%	1.621%
14	10.610	1340	1347	1357	rBV	322003	558974	15.38%	2.008%
15	13.863	1894	1900	1905	rBV	556459	779713	21.46%	2.800%
16	13.910	1905	1908	1917	rVB	78381	102836	2.83%	0.369%
17	14.151	1942	1949	1959	rBV	614676	918189	25.27%	3.298%
18	14.457	1992	2001	2009	rVB2	501891	777010	21.38%	2.791%
19	14.651	2029	2034	2046	rBV	47310	77814	2.14%	0.279%
20	15.304	2140	2145	2150	rVB	37944	45587	1.25%	0.164%
21	15.451	2164	2170	2181	rBV	842626	1218205	33.53%	4.375%
22	15.568	2185	2190	2201	rVB	277479	374394	10.30%	1.345%
23	16.162	2287	2291	2300	rBV	39161	61495	1.69%	0.221%
24	17.204	2460	2468	2472	rBV	695283	990216	27.25%	3.556%
25	17.245	2472	2475	2478	rVV	85217	106718	2.94%	0.383%
26	17.304	2478	2485	2495	rVB	954850	1447758	39.84%	5.199%
27	17.562	2523	2529	2536	rBV3	41045	56446	1.55%	0.203%
28	17.662	2541	2546	2550	rBV	118092	139311	3.83%	0.500%
29	17.751	2557	2561	2567	rVB	33646	43118	1.19%	0.155%
30	17.851	2573	2578	2585	rVB	117299	149340	4.11%	0.536%
31	18.092	2610	2619	2623	rBV	54497	79680	2.19%	0.286%
32	18.580	2698	2702	2709	rVB2	38179	46606	1.28%	0.167%
33	19.227	2808	2812	2821	rBV	17666	37913	1.04%	0.136%
34	19.368	2832	2836	2844	rBV	33986	49508	1.36%	0.178%

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35	19.598	2868	2875	2881	rBV	1219218	1683923	46.34%	6.048%
36	21.097	3125	3130	3138	rBV	174284	230537	6.34%	0.828%
37	21.386	3174	3179	3187	rVB	970072	1317341	36.26%	4.731%
38	21.533	3200	3204	3210	rBV	32734	38439	1.06%	0.138%
39	21.974	3274	3279	3286	rBV	657236	810964	22.32%	2.912%
40	22.444	3355	3359	3364	rBV	89167	121767	3.35%	0.437%
41	22.968	3442	3448	3464	rVB	548904	886024	24.38%	3.182%
42	23.415	3521	3524	3531	rVB3	23729	41977	1.16%	0.151%
43	23.538	3537	3545	3560	rVB	974430	1896168	52.19%	6.810%
44	23.685	3562	3570	3580	rBV	644453	1284779	35.36%	4.614%
45	24.209	3654	3659	3668	rVB	93793	181548	5.00%	0.652%
46	24.697	3737	3742	3744	rBV2	45830	76751	2.11%	0.276%
47	24.991	3785	3792	3806	rBV8	47216	147133	4.05%	0.528%
48	26.815	4094	4102	4124	rBV7	95999	374318	10.30%	1.344%

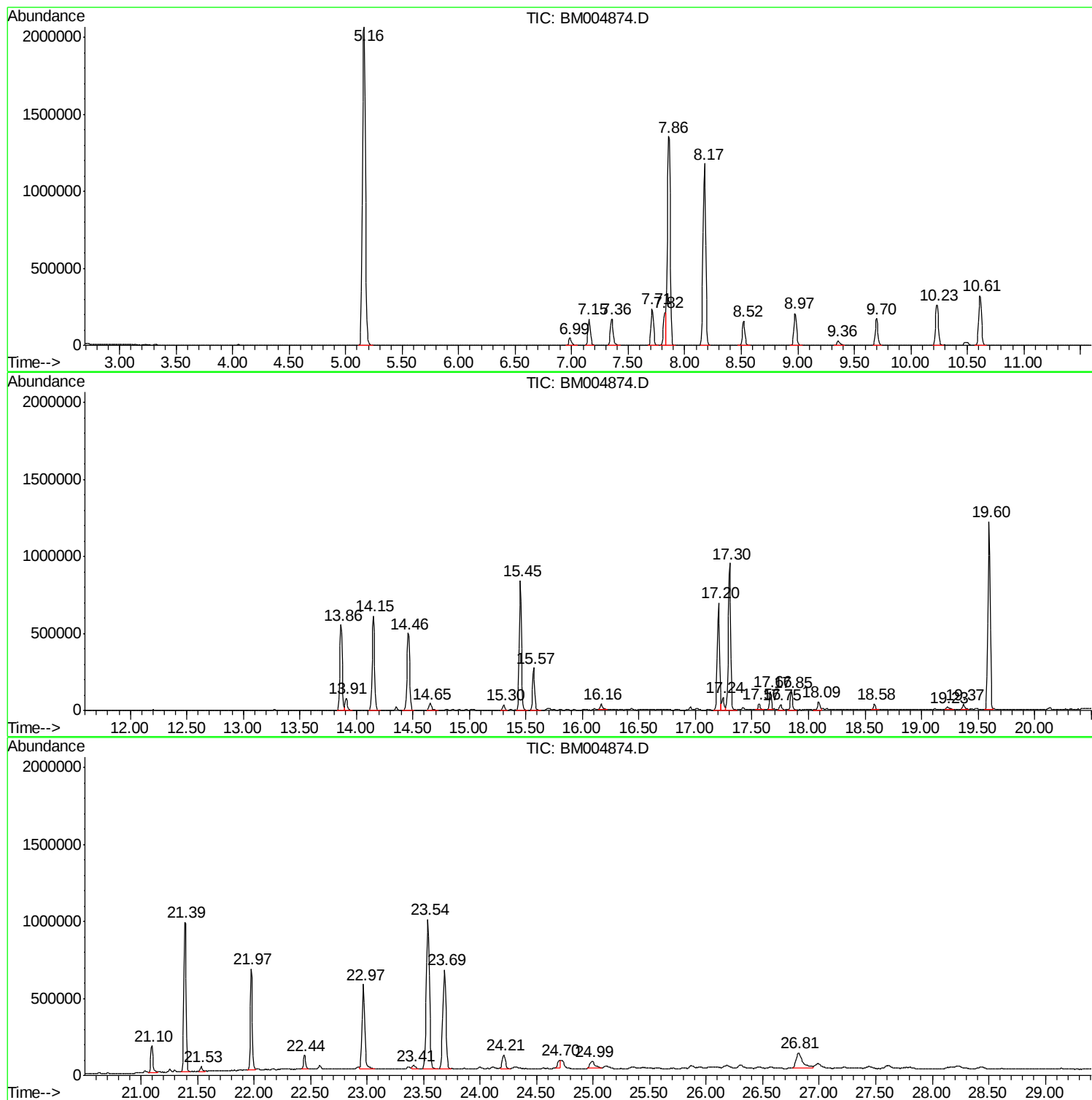
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Quant Title : SVOA CALIBRATION

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



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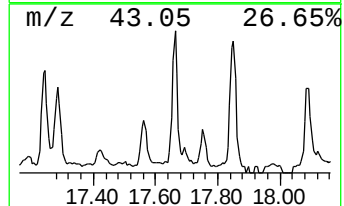
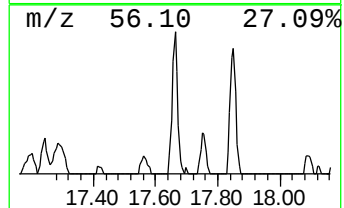
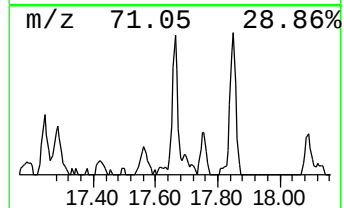
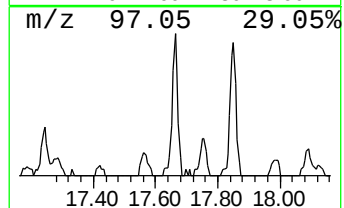
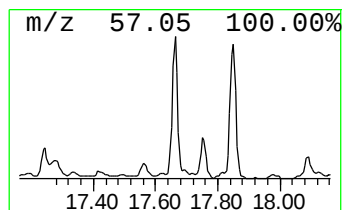
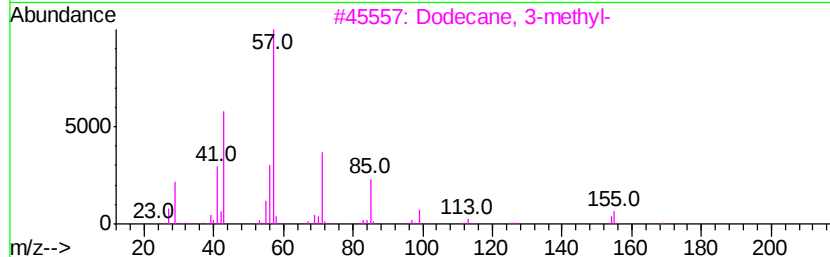
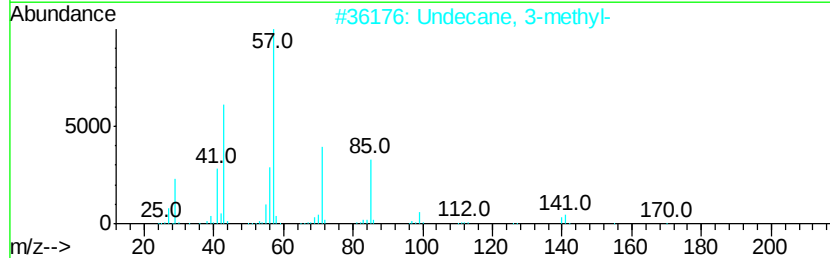
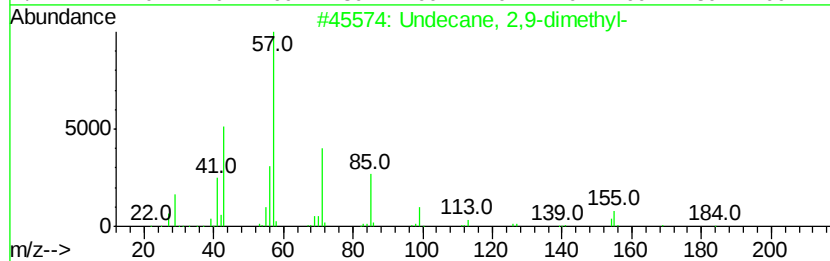
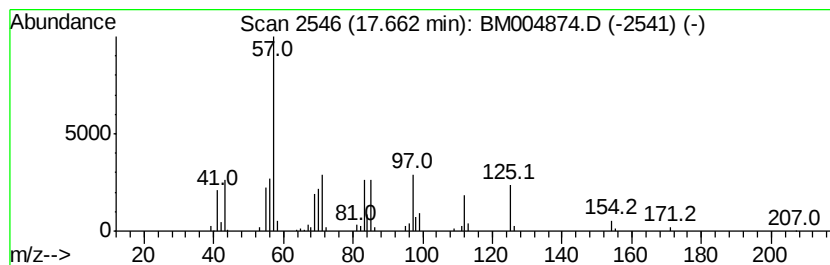
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.81 ng/ul	139311	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,9-dimethyl-	184	C13H28	017301-26-7	38	
2	Undecane,	3-methyl-	170	C12H26	001002-43-3	38	
3	Dodecane,	3-methyl-	184	C13H28	017312-57-1	38	
4	Octane,	2,2,6-trimethyl-	156	C11H24	062016-28-8	35	
5	Octane,	2,4,6-trimethyl-	156	C11H24	062016-37-9	35	



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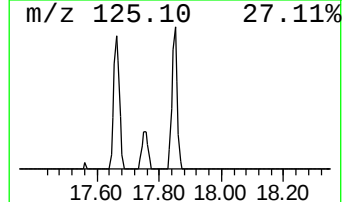
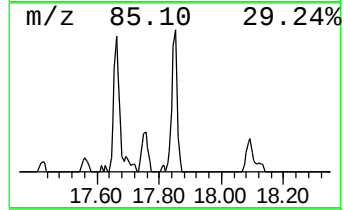
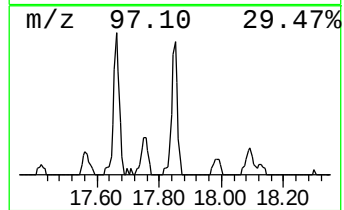
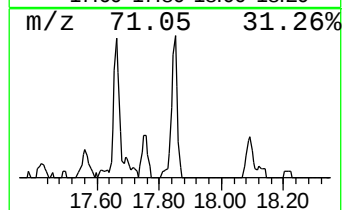
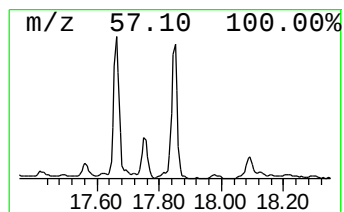
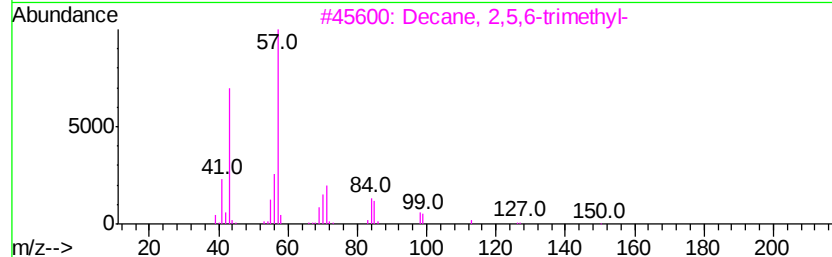
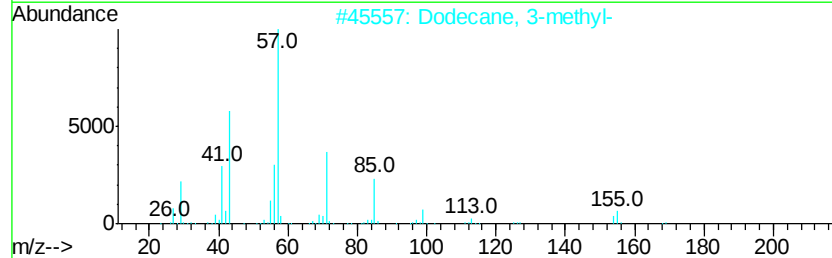
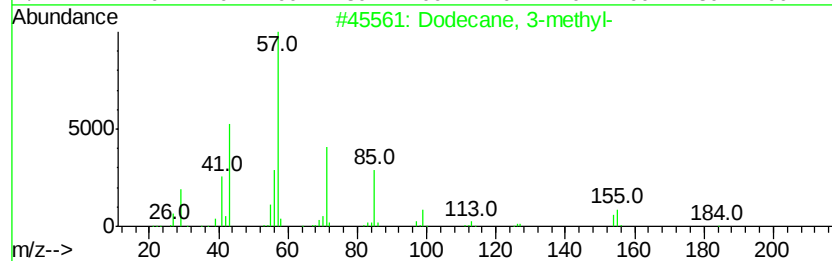
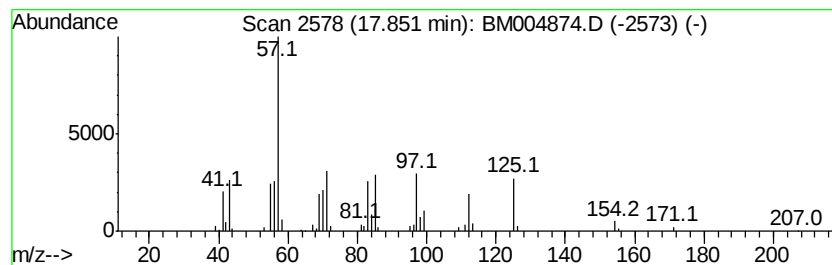
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.02 ng/ul	149340	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
4		1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	35
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	35



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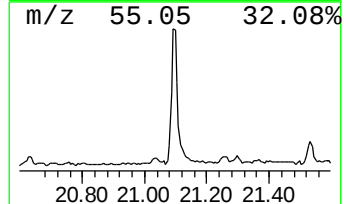
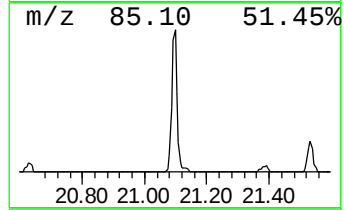
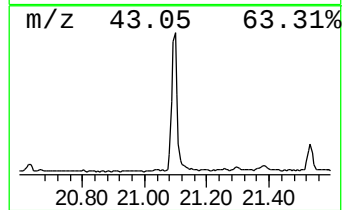
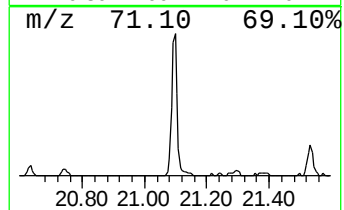
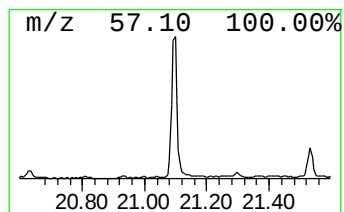
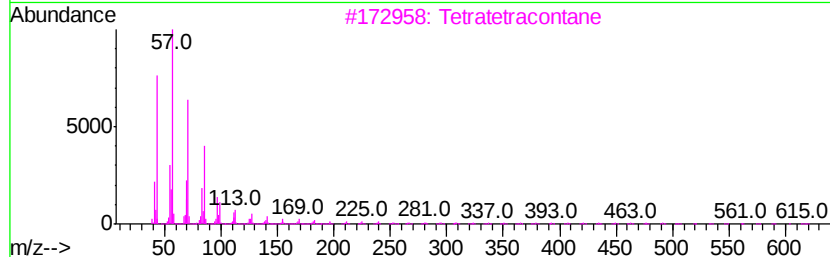
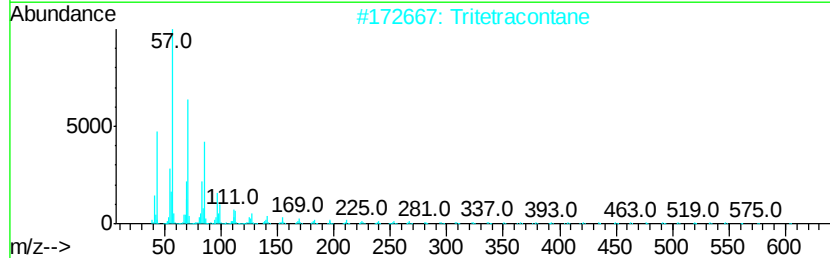
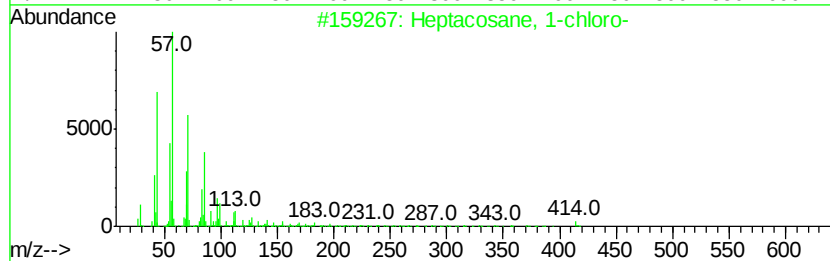
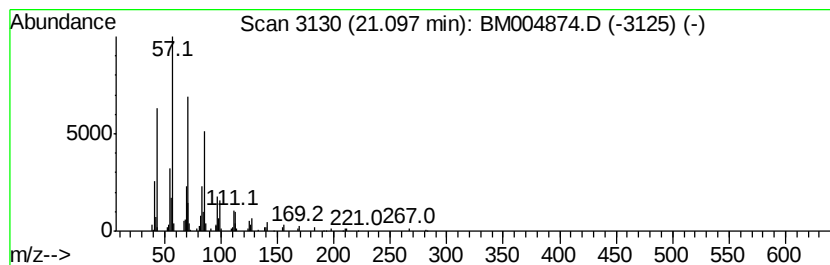
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Heptacosane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.50 ng/ul	230537	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2			Tritetracontane	605	C43H88	007098-21-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Octacosane	394	C28H58	000630-02-4	83



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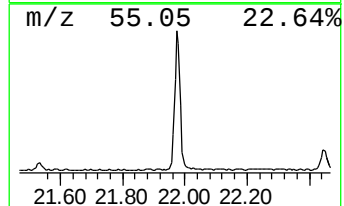
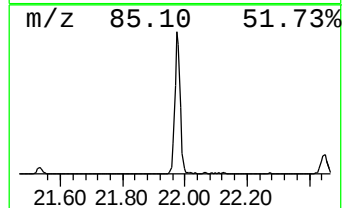
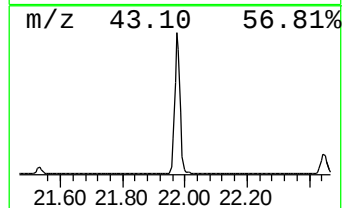
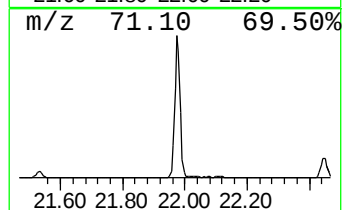
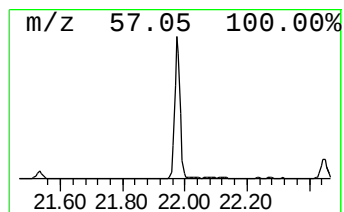
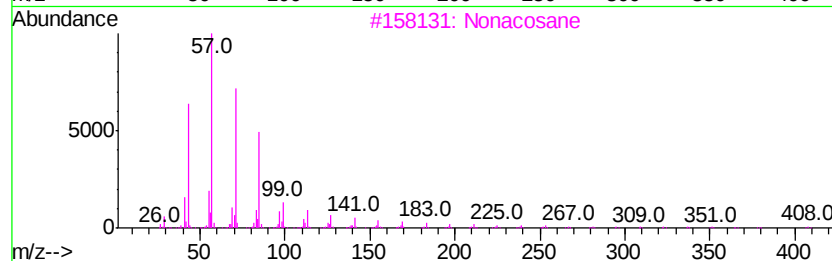
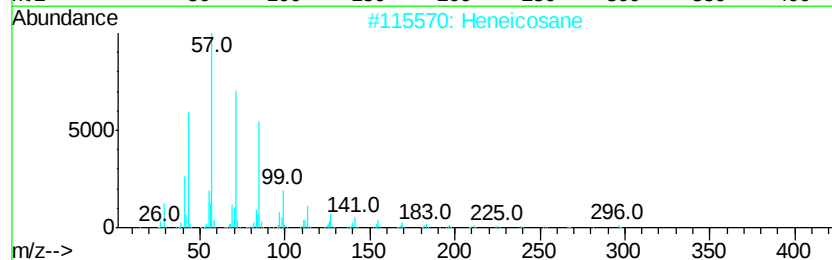
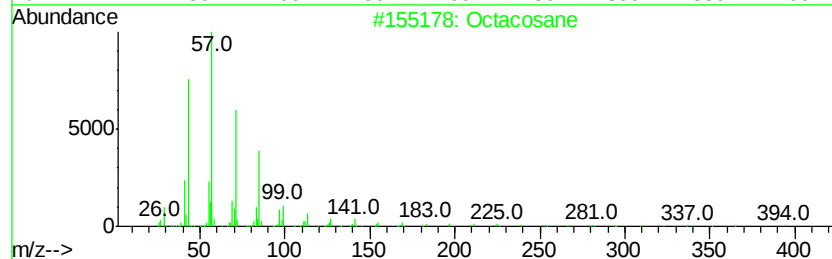
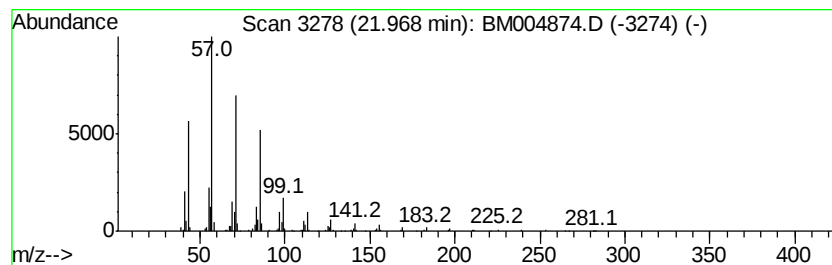
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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	12.31 ng/ul	810964	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Hexadecane	226	C16H34	000544-76-3	87



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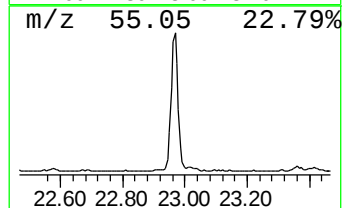
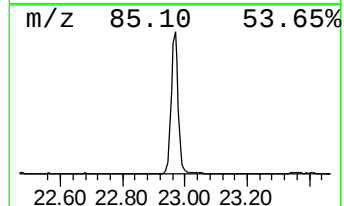
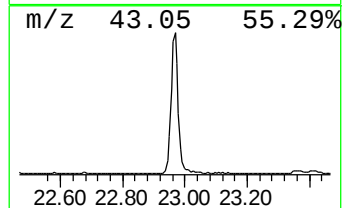
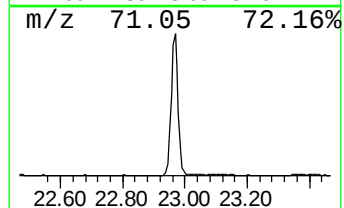
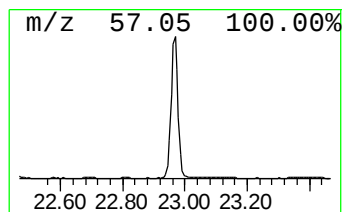
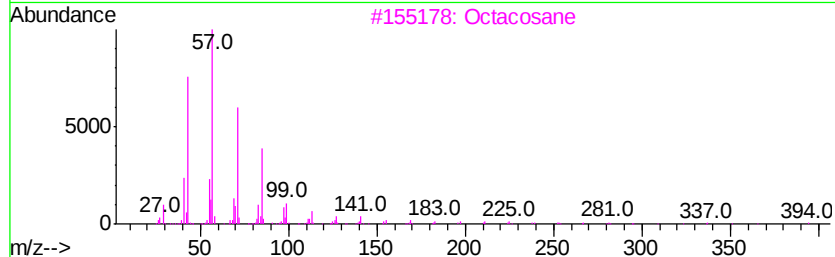
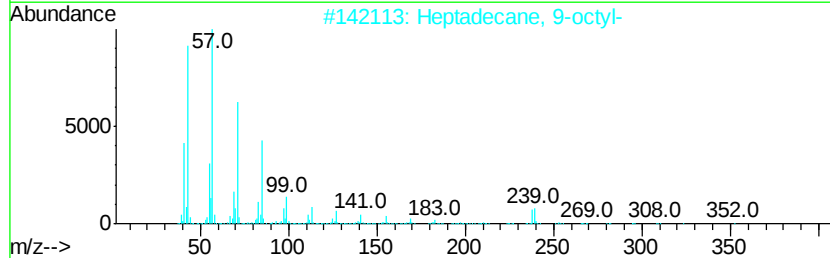
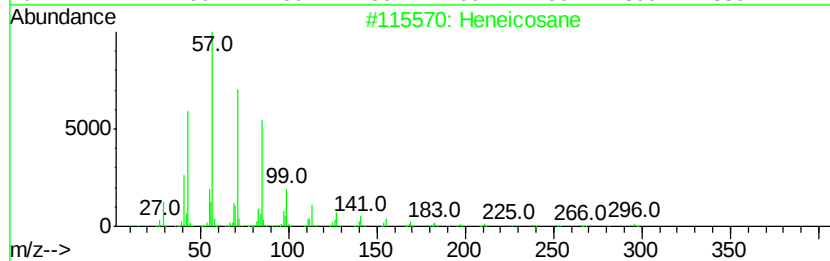
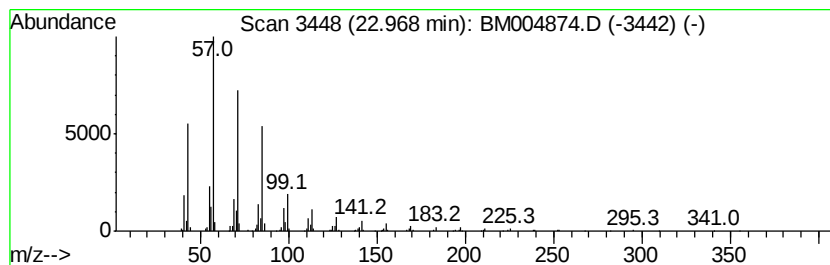
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	13.79 ng/ul	886024	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004874.D
Acq On : 02 Apr 2016 12:19
Operator : UM/SJ
Sample : H2004-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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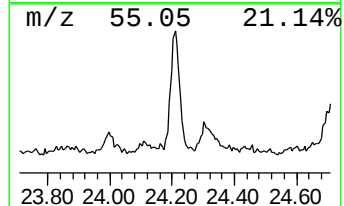
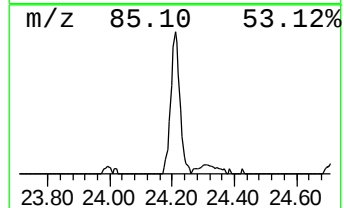
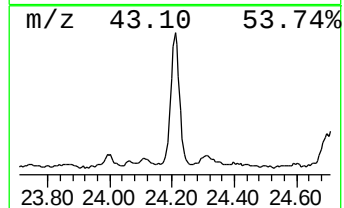
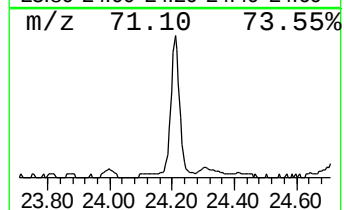
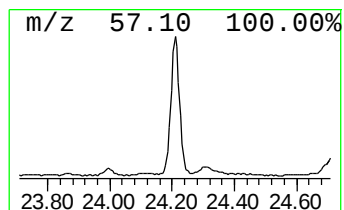
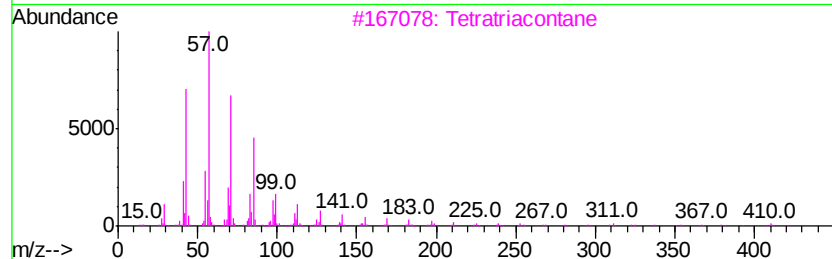
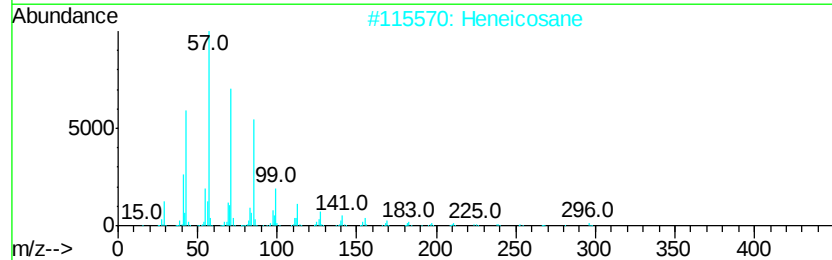
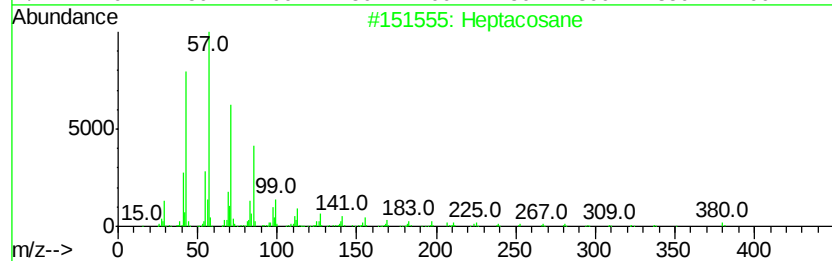
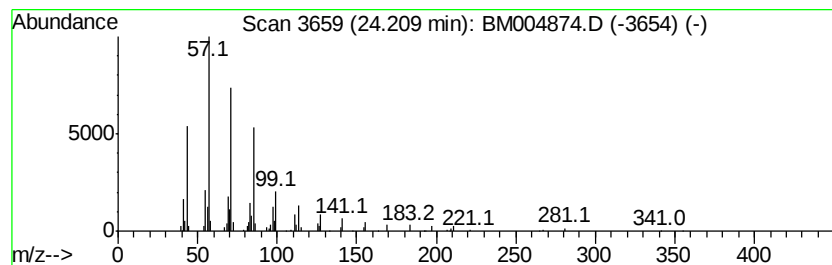
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.83 ng/ul	181548	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004874.D
Acq On : 02 Apr 2016 12:19
Operator : UM/SJ
Sample : H2004-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF0

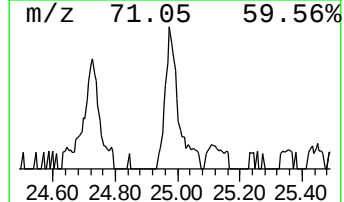
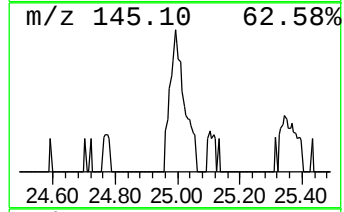
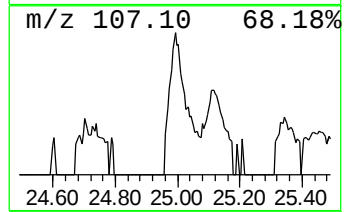
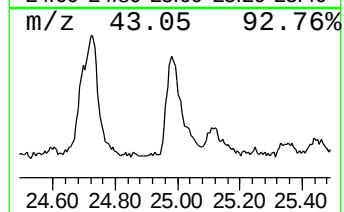
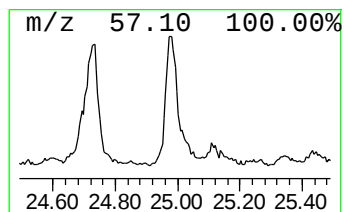
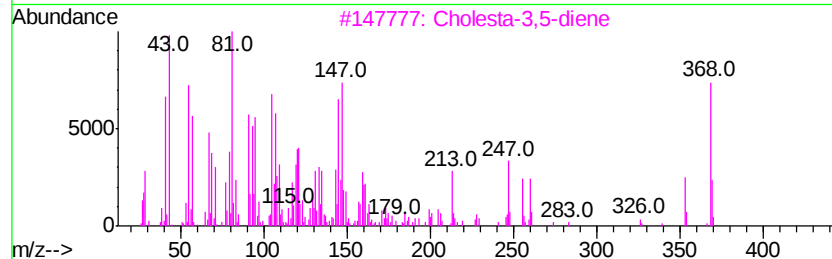
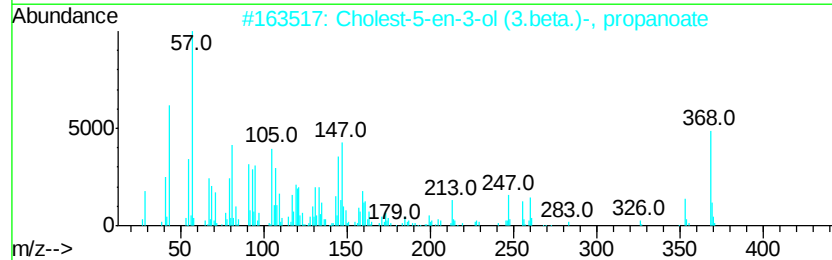
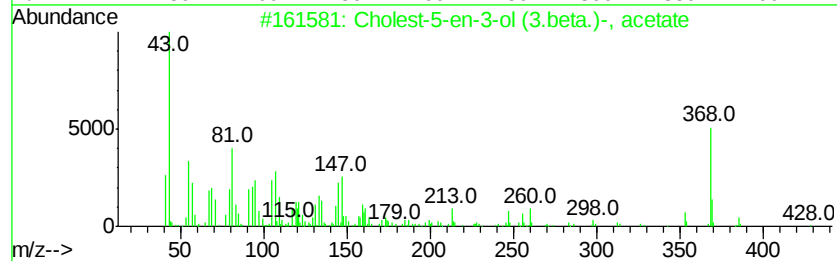
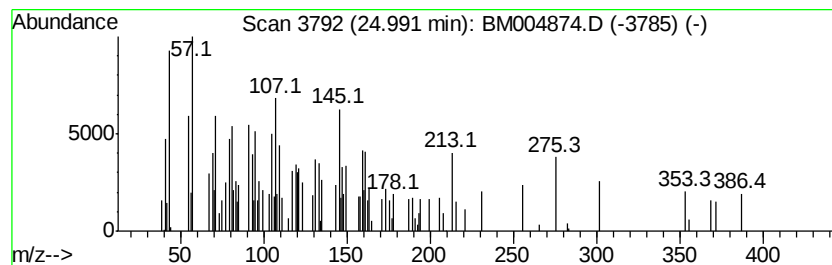
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.29 ng/ul	147133	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	45
2		Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	35
3		Cholesta-3,5-diene	368	C27H44	000747-90-0	30
4		Cholest-5-en-16.beta.-ol	386	C27H46O	252892-85-6	16
5		Cholest-5-ene, 3-bromo-, (3.beta.)-	448	C27H45Br	000516-91-6	16



Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004874.D
Acq On : 02 Apr 2016 12:19
Operator : UM/SJ
Sample : H2004-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF0

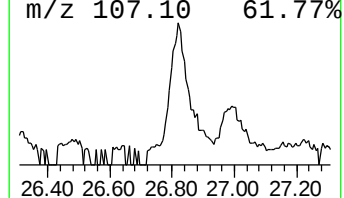
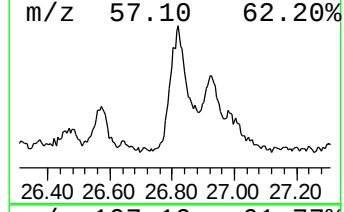
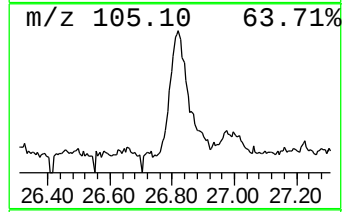
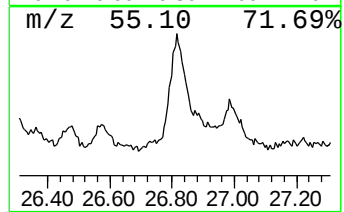
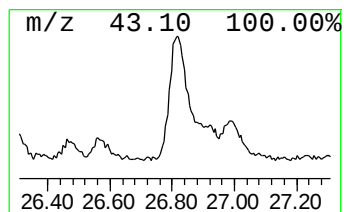
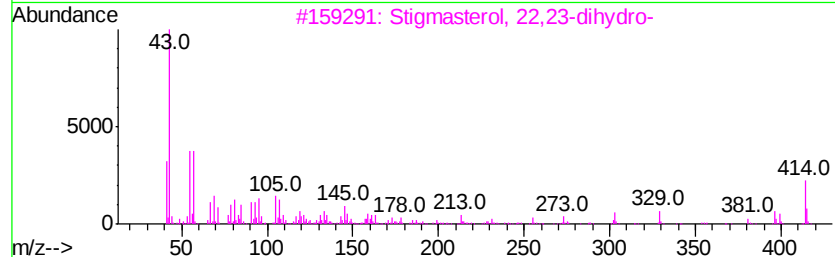
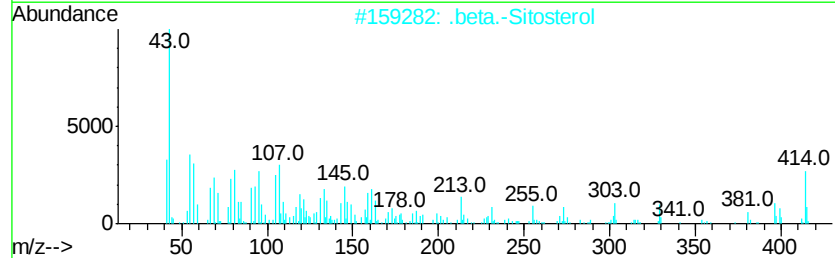
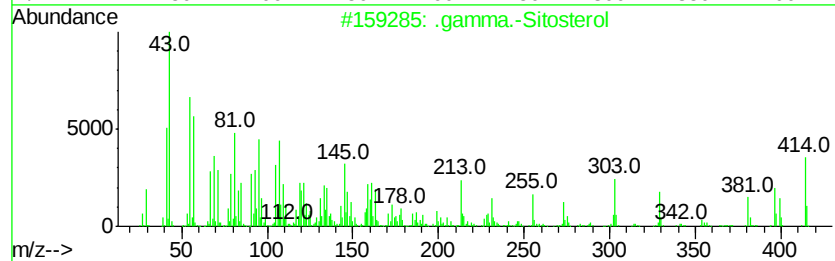
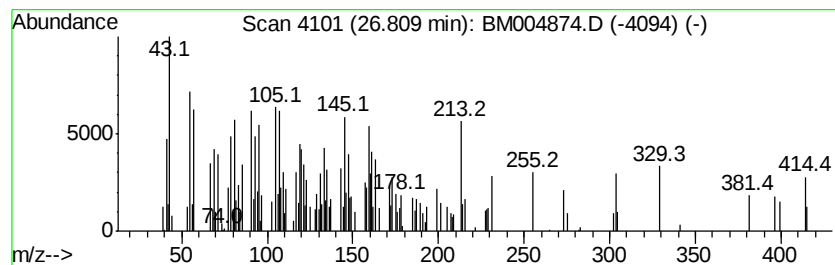
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	5.83 ng/ul	374318	Perylene-d12	23.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3			Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	95
4			.beta.-Sitosterol	414	C29H50O	000083-46-5	93
5			Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040116\
Data File : BM004874.D
Acq On : 02 Apr 2016 12:19
Operator : UM/SJ
Sample : H2004-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.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...	17.66	2.8	ng/ul	139311	4	17.20	990216	20.0
(DEL) Alkane: Str...	17.85	3.0	ng/ul	149340	4	17.20	990216	20.0
Heptacosane, 1-ch...	21.10	3.5	ng/ul	230537	5	21.39	1317340	20.0
(DEL) Alkane: Str...	21.97	12.3	ng/ul	810964	5	21.39	1317340	20.0
(DEL) Alkane: Str...	22.97	13.8	ng/ul	886024	6	23.69	1284780	20.0
(DEL) Alkane: Str...	24.21	2.8	ng/ul	181548	6	23.69	1284780	20.0
unknown-01	24.99	2.3	ng/ul	147133	6	23.69	1284780	20.0
.gamma.-Sitosterol	26.81	5.8	ng/ul	374318	6	23.69	1284780	20.0