

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008133.D
 Acq On : 01 Dec 2016 11:49
 Operator : UM/SJ
 Sample : H5701-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WE5

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-BM112916.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	3.257	110	114	121	rVB2	31676	48305	1.20%	0.102%
2	6.881	723	730	745	rBV2	537095	1127370	28.02%	2.391%
3	7.040	751	757	766	rBV	441621	701800	17.44%	1.489%
4	7.234	784	790	802	rBV	591159	967567	24.05%	2.052%
5	7.698	862	869	878	rBV	631241	1039514	25.84%	2.205%
6	8.404	983	989	1001	rBV	644569	1136968	28.26%	2.412%
7	8.851	1058	1065	1078	rBV	517877	952440	23.67%	2.020%
8	9.569	1181	1187	1205	rBV	450909	822833	20.45%	1.745%
9	10.104	1272	1278	1298	rBV	611277	1222028	30.38%	2.592%
10	10.469	1333	1340	1350	rBV	874493	1494649	37.15%	3.170%
11	10.628	1360	1367	1385	rBV	459252	994669	24.72%	2.110%
12	12.016	1595	1603	1611	rBV	122038	228819	5.69%	0.485%
13	13.645	1874	1880	1886	rBV2	28358	41462	1.03%	0.088%
14	13.751	1891	1898	1902	rVV	1350604	1899686	47.22%	4.029%
15	13.798	1902	1906	1919	rVB	536144	789630	19.63%	1.675%
16	14.027	1935	1945	1956	rBV	1493160	2266086	56.33%	4.806%
17	14.333	1990	1997	2005	rBV	1423055	2082620	51.77%	4.417%
18	14.574	2029	2038	2047	rBV2	240751	596011	14.81%	1.264%
19	15.333	2157	2167	2174	rBV	1911173	2837569	70.53%	6.019%
20	15.480	2185	2192	2204	rBV	471564	798653	19.85%	1.694%
21	15.580	2204	2209	2215	rVB5	35861	62991	1.57%	0.134%
22	16.045	2283	2288	2297	rBV2	35916	58664	1.46%	0.124%
23	16.839	2418	2423	2427	rBV	33016	44469	1.11%	0.094%
24	17.086	2457	2465	2476	rBV	1801441	2523487	62.72%	5.352%
25	17.186	2476	2482	2493	rVV	1963653	2928285	72.79%	6.211%
26	17.574	2544	2548	2552	rBV	37244	46850	1.16%	0.099%
27	17.721	2569	2573	2582	rVB3	41620	61521	1.53%	0.130%
28	17.974	2612	2616	2621	rBV	92110	142040	3.53%	0.301%
29	18.368	2676	2683	2691	rBV6	40677	74182	1.84%	0.157%
30	18.551	2709	2714	2724	rVB	336102	442301	10.99%	0.938%
31	18.698	2734	2739	2746	rVB	261546	328726	8.17%	0.697%
32	18.909	2769	2775	2779	rBV	469846	609028	15.14%	1.292%
33	19.121	2808	2811	2814	rBV	31090	42042	1.05%	0.089%
34	19.198	2819	2824	2829	rVB	132758	170875	4.25%	0.362%

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35	19.262	2831	2835	2839	rBV2	49275	76100	1.89%	0.161%
36	19.339	2845	2848	2851	rBV4	35277	42018	1.04%	0.089%
37	19.486	2867	2873	2883	rBV	2408264	3388126	84.22%	7.186%
38	19.927	2943	2948	2954	rBV	3274852	4023118	100.00%	8.533%
39	20.650	3066	3071	3075	rBV	498345	611343	15.20%	1.297%
40	20.986	3124	3128	3130	rBV3	119137	161145	4.01%	0.342%
41	21.015	3130	3133	3137	rVB2	362011	428260	10.64%	0.908%
42	21.150	3153	3156	3160	rBV3	140803	191997	4.77%	0.407%
43	21.280	3173	3178	3185	rBV	2250802	2993172	74.40%	6.349%
44	22.809	3435	3438	3443	rVB	205445	275156	6.84%	0.584%
45	23.374	3528	3534	3544	rVB2	1527828	2831653	70.38%	6.006%
46	23.521	3552	3559	3571	rVB	1287388	2540605	63.15%	5.389%

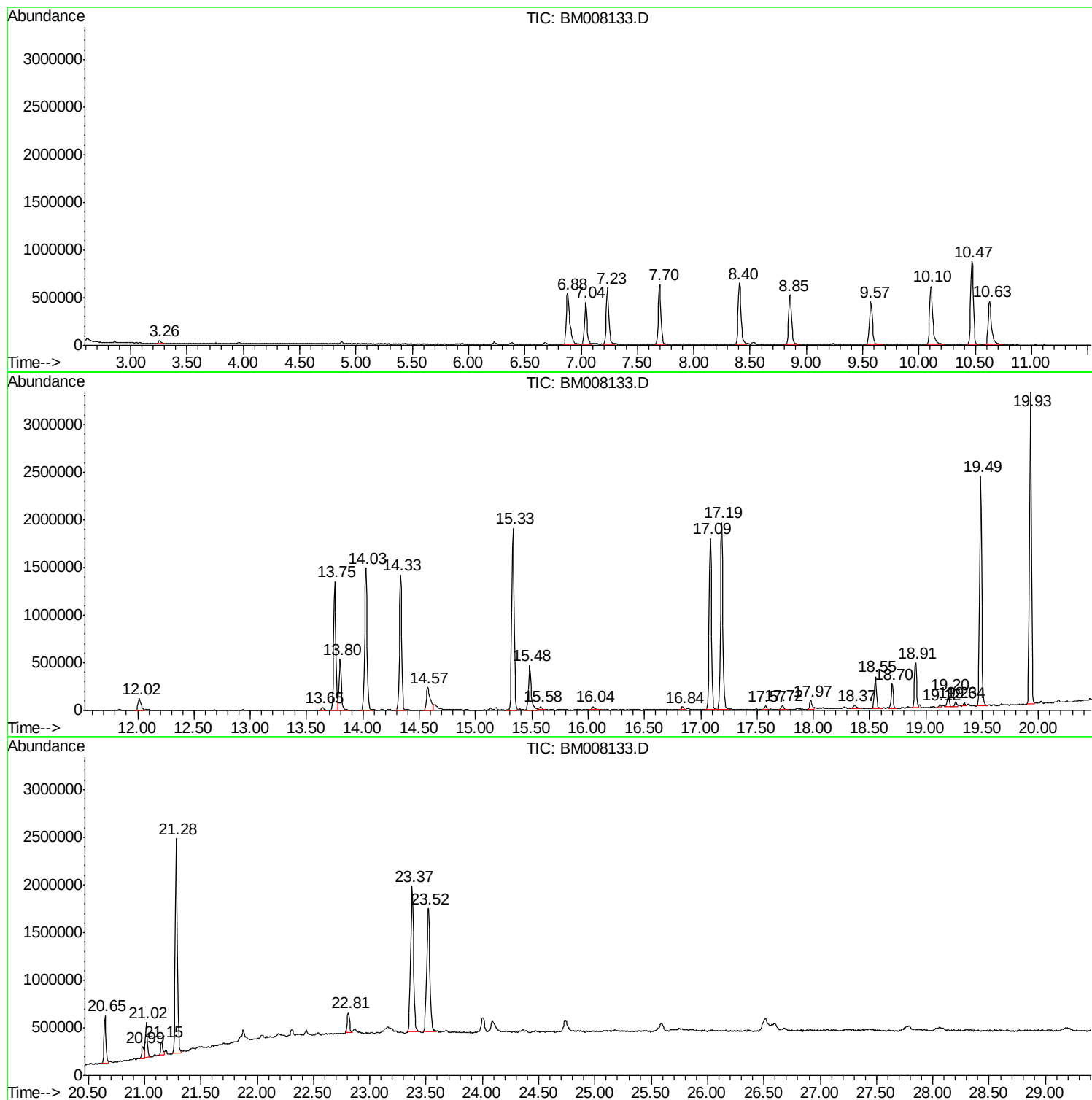
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

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



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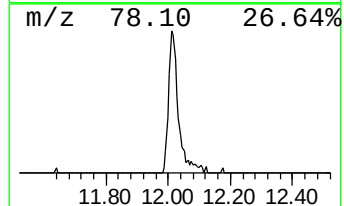
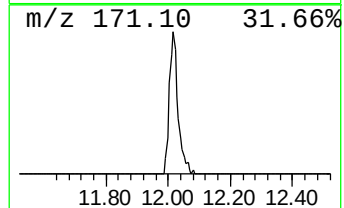
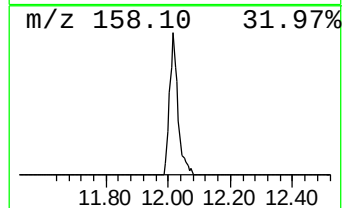
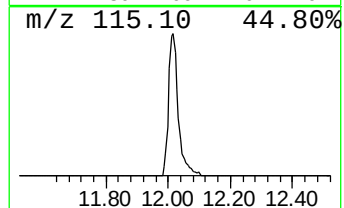
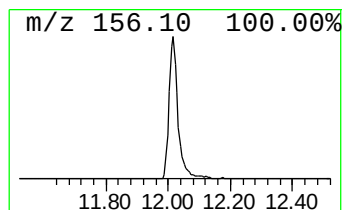
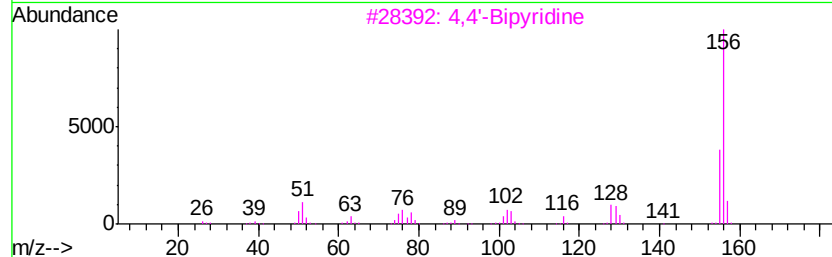
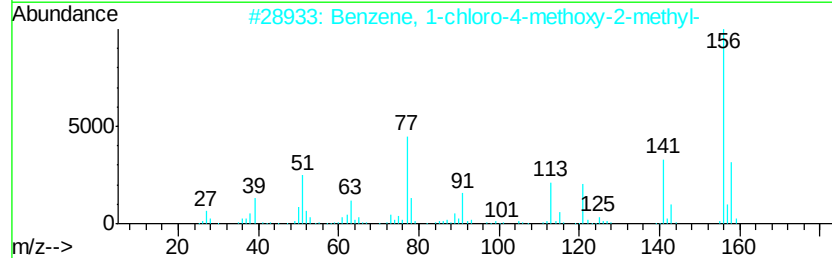
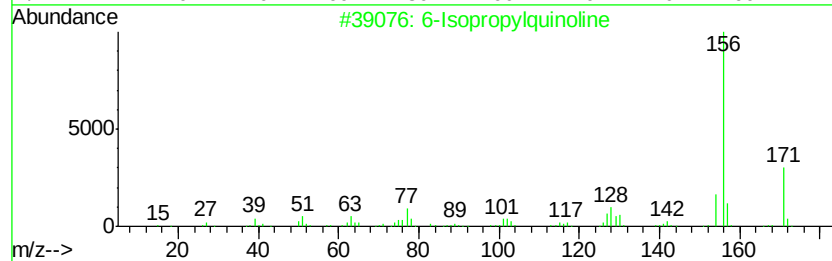
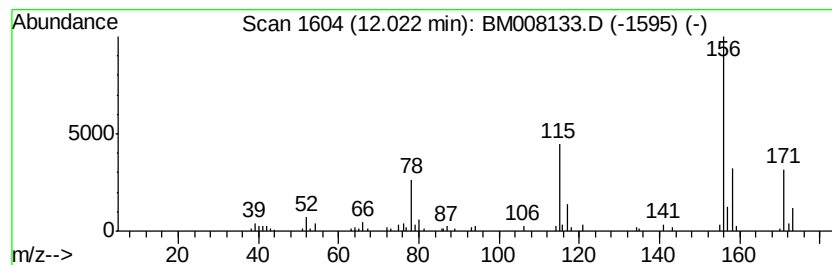
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.06 ng/ul	228819	Naphthalene-d8	10.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline		171	C12H13N	000135-79-5	38
2	Benzene, 1-chloro-4-methoxy-2-me...		156	C8H9ClO	013334-71-9	38
3	4,4'-Bipyridine		156	C10H8N2	000553-26-4	27
4	Tebuthiuron		228	C9H16N4OS	034014-18-1	25
5	Benzene, 2,5-cyclohexadien-1-yl-		156	C12H12	004794-05-2	25



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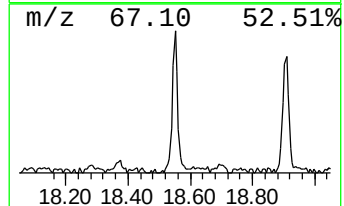
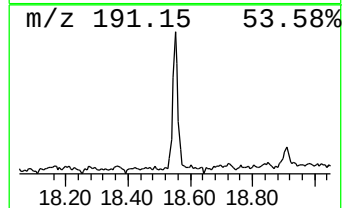
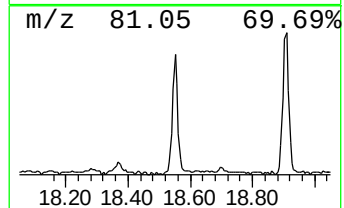
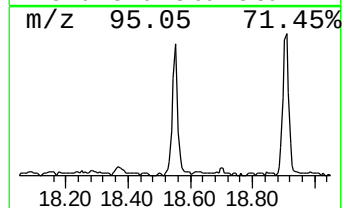
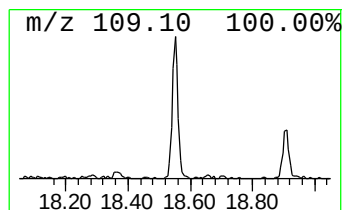
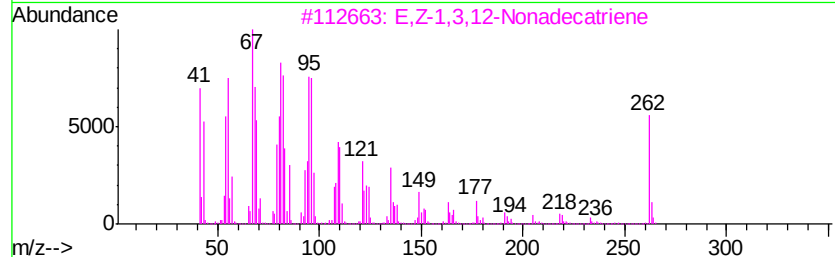
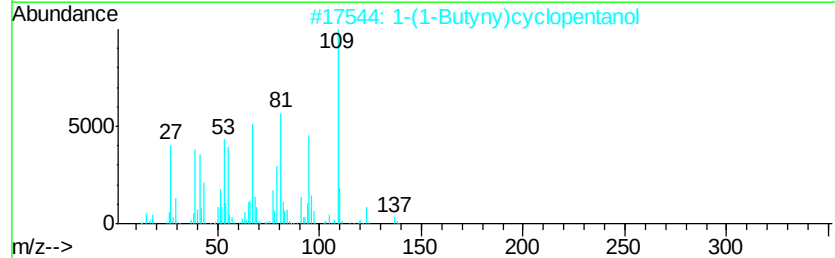
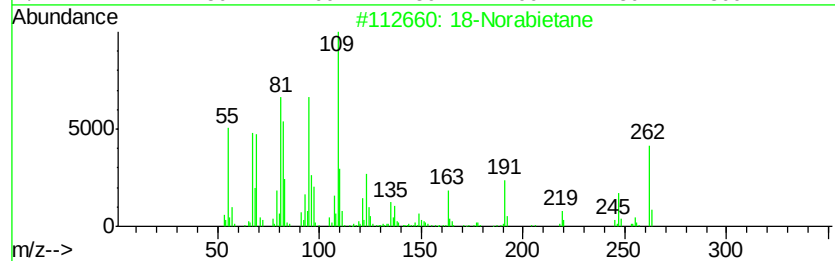
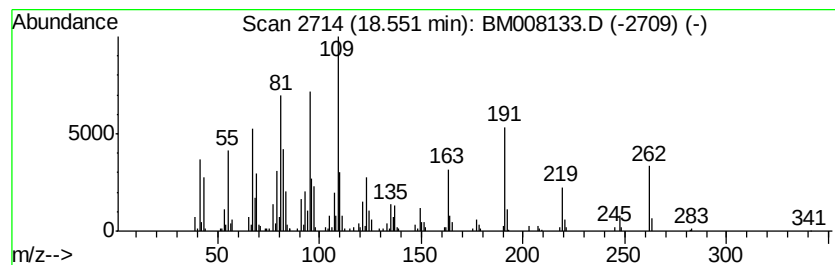
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Peak Number 2 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.51 ng/ul	442301	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	90
2	1-(1-Butyny)cyclopentanol		138	C9H14O	1000342-86-5	35
3	E,Z-1,3,12-Nonadecatriene		262	C19H34	1000131-11-3	27
4	8-Hexadecyne		222	C16H30	019781-86-3	22
5	Cyclohexane, 1,3-dimethyl-2-meth...		124	C9H16	019781-47-6	22



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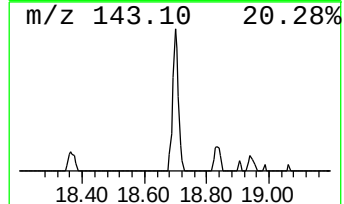
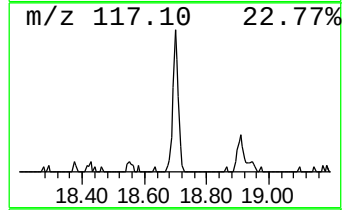
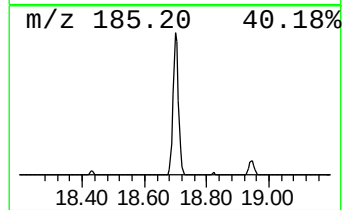
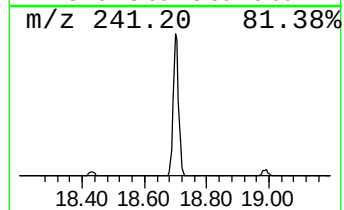
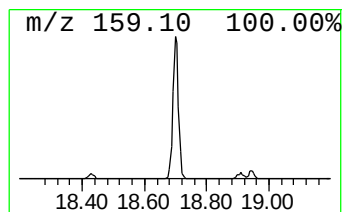
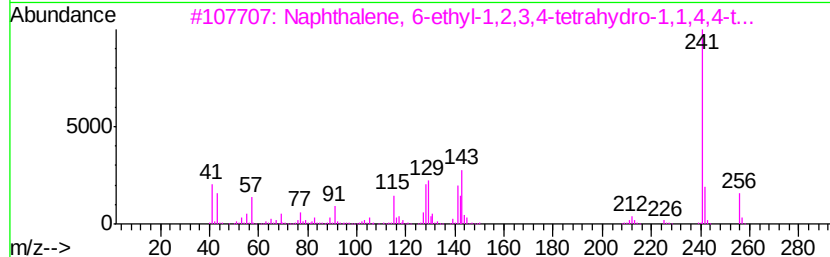
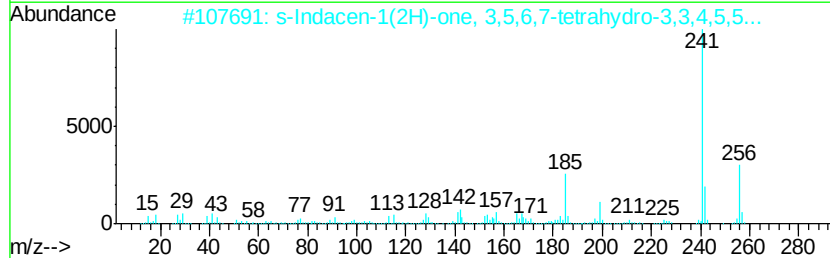
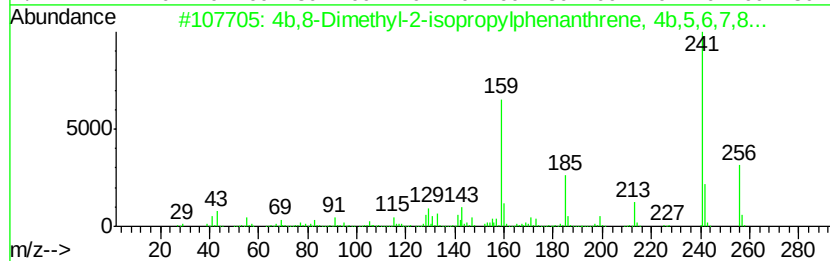
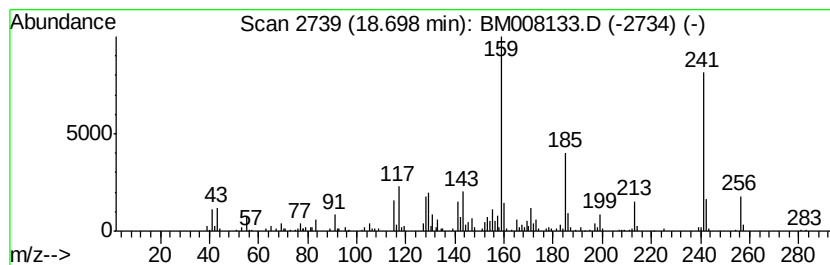
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.61 ng/ul	328726	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97		
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	46		
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	42		
4	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	38		
5	Silane, diethylbutoxy(2-fluoroph...	270	C14H23F02Si	1000363-30-0	35		



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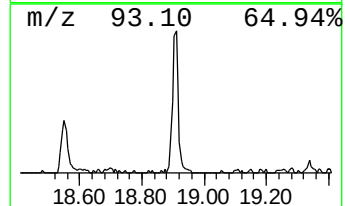
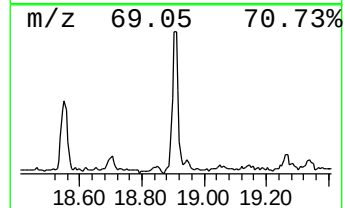
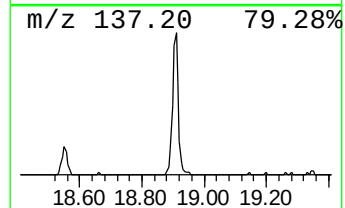
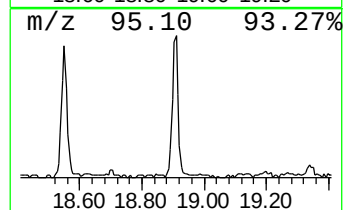
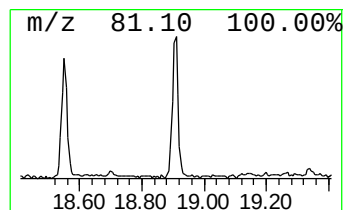
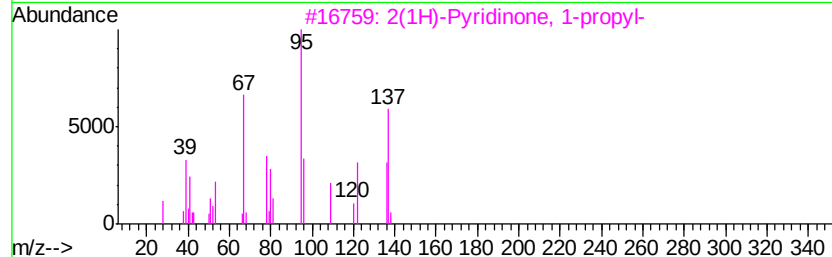
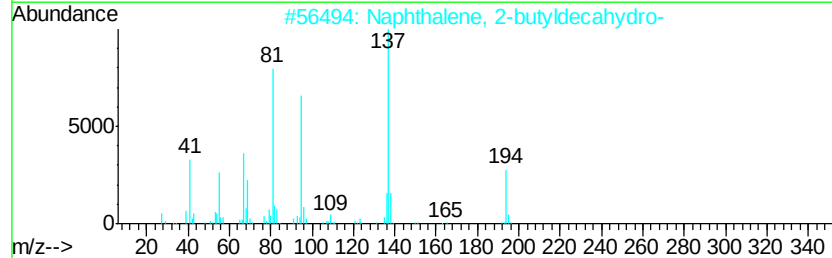
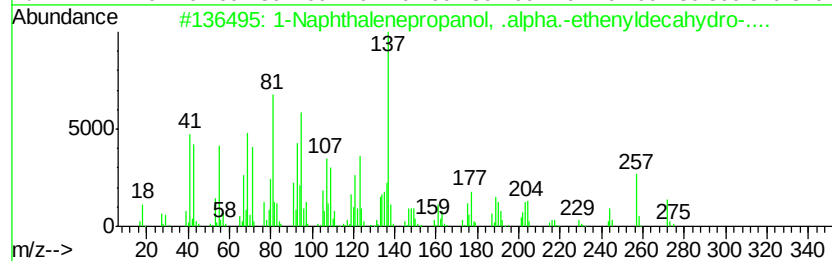
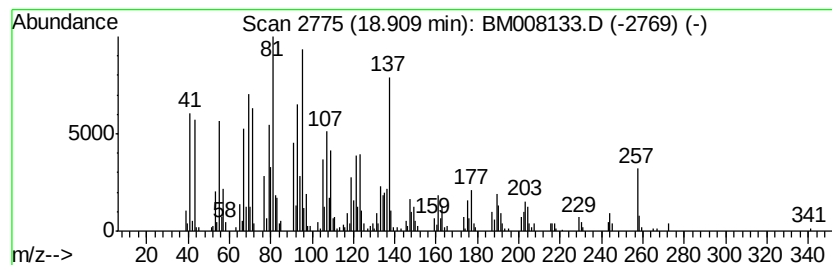
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Peak Number 4 1-Naphthalenepropanol, .alp... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.83 ng/ul	609028	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	81
2		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	47
3		2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	38
4		2(1H)-Pyridone, 1-ethyl-4-methyl-	137	C8H11NO	019006-62-3	38
5		(-)-Isoaromadendrene-(V)	204	C15H24	1000156-14-3	38



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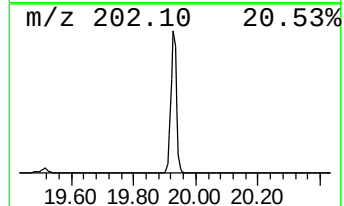
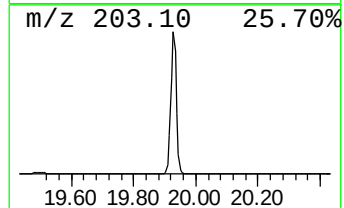
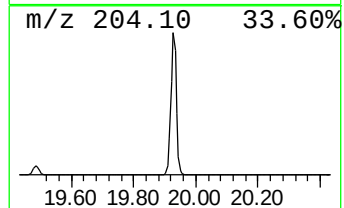
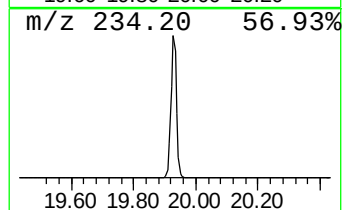
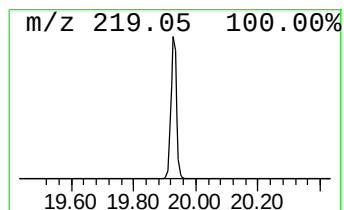
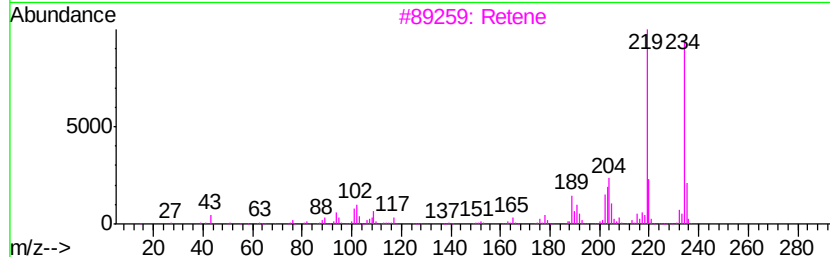
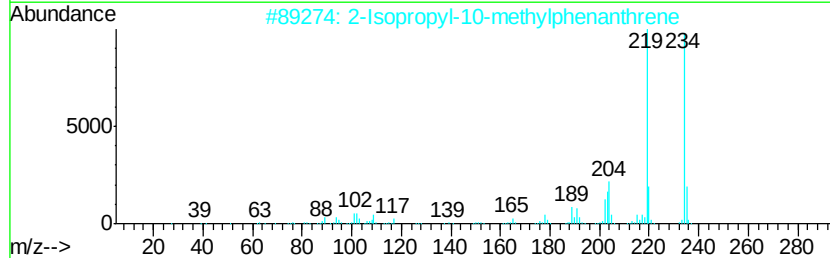
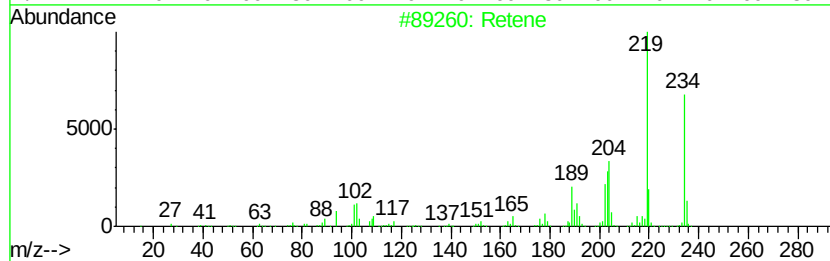
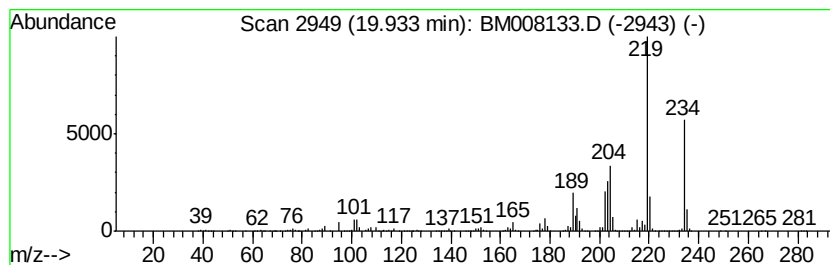
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	26.88 ng/ul	4023120	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		Retene	234	C18H18	000483-65-8	94
4		Retene	234	C18H18	000483-65-8	94
5		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008133.D
Acq On : 01 Dec 2016 11:49
Operator : UM/SJ
Sample : H5701-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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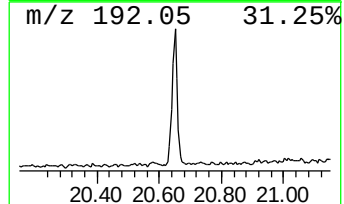
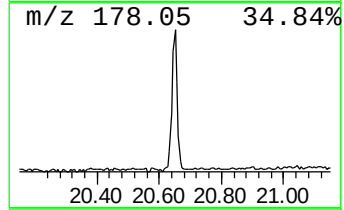
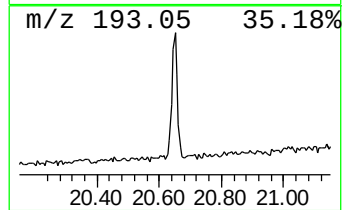
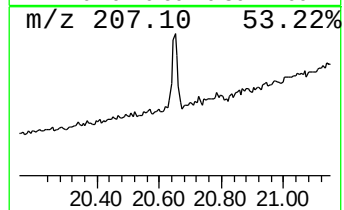
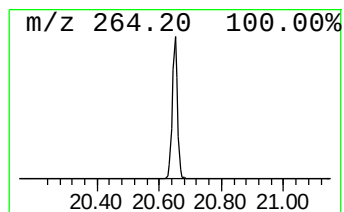
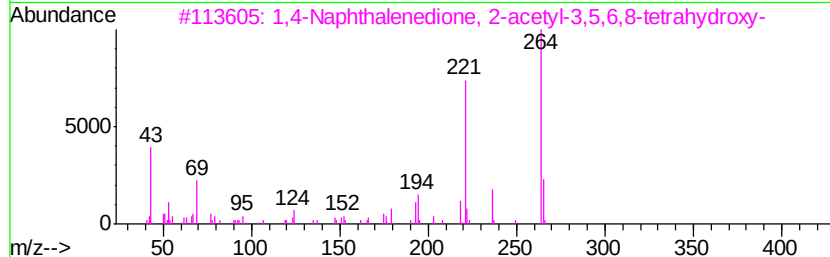
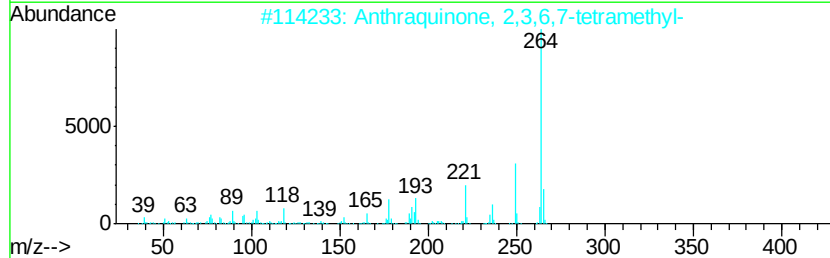
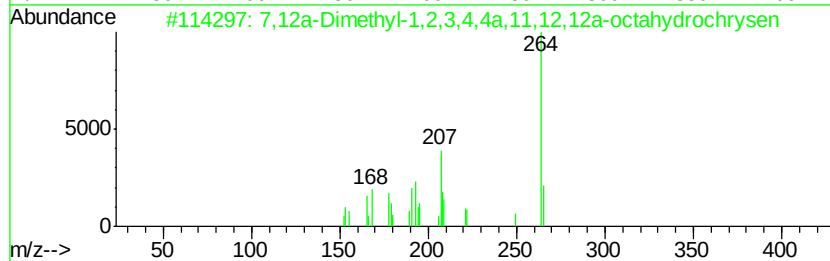
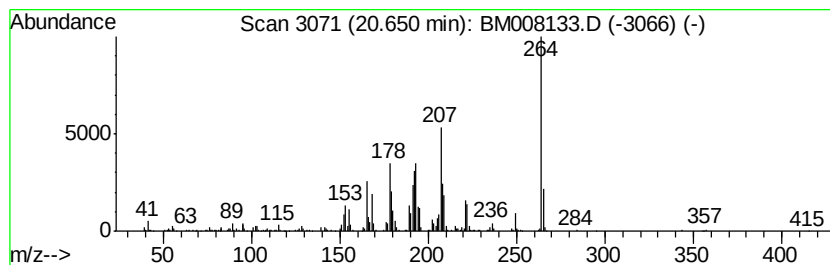
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 7,12a-Dimethyl-1,2,3,4,4a,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	4.08 ng/ul	611343	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12a-Dimethyl-1,2,3,4,4a,11,12,...	264	C20H24	075758-27-9	98
2		Anthraquinone, 2,3,6,7-tetramethyl-	264	C18H16O2	015247-68-4	78
3		1,4-Naphthalenedione, 2-acetyl-3...	264	C12H8O7	003718-80-7	45
4		Benzene, pentachloromethyl-	262	C7H3Cl5	000877-11-2	38
5		Quinoxaline, 2-(adamantan-1-yl)-	264	C18H20N2	1000302-51-7	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008133.D
Acq On : 01 Dec 2016 11:49
Operator : UM/SJ
Sample : H5701-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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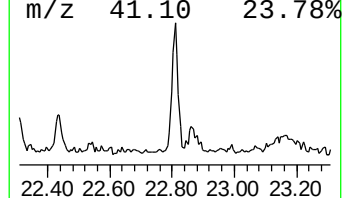
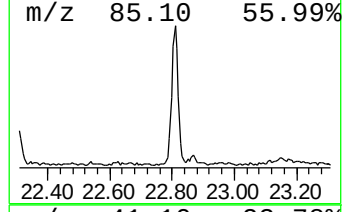
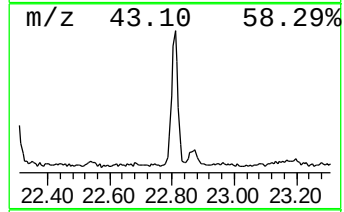
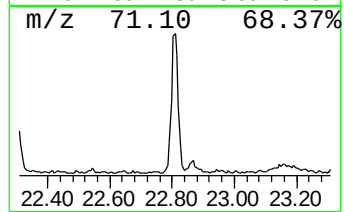
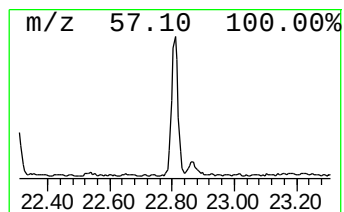
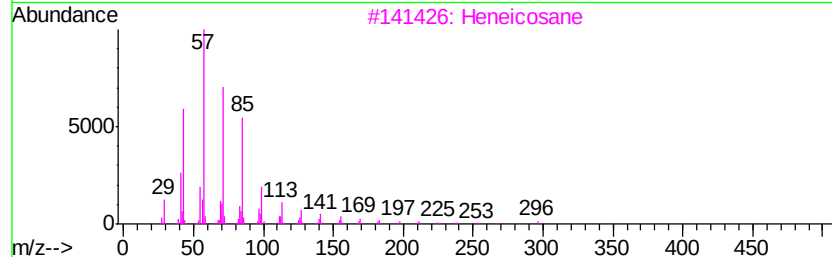
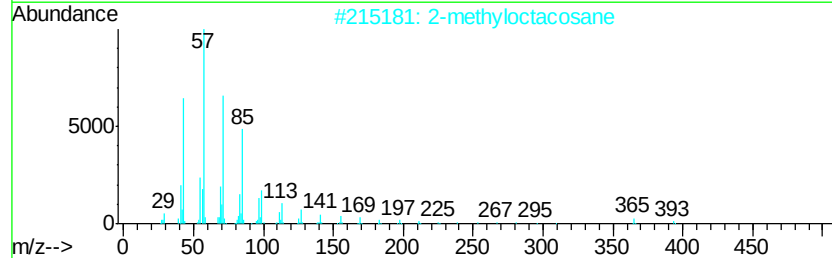
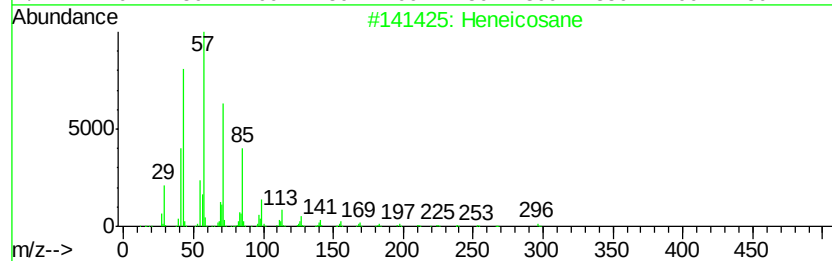
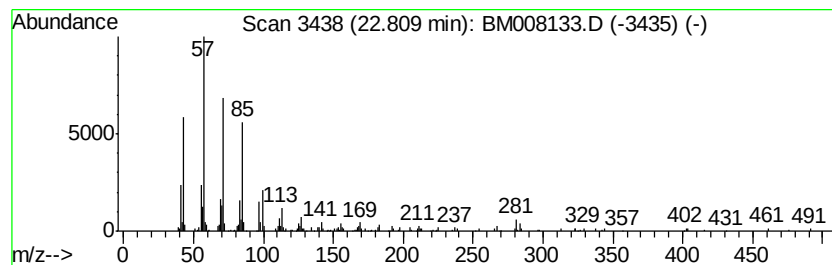
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.17 ng/ul	275156	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120116\
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Acq On : 01 Dec 2016 11:49
Operator : UM/SJ
Sample : H5701-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WE5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.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
unknown-01	12.02	3.1	ng/ul	228819	2	10.47	1494650	20.0
18-Norabietane	18.55	3.5	ng/ul	442301	4	17.09	2523490	20.0
4b,8-Dimethyl-2-i...	18.70	2.6	ng/ul	328726	4	17.09	2523490	20.0
1-Naphthaleneprop...	18.91	4.8	ng/ul	609028	4	17.09	2523490	20.0
Retene	19.93	26.9	ng/ul	4023120	5	21.28	2993170	20.0
7,12a-Dimethyl-1,...	20.65	4.1	ng/ul	611343	5	21.28	2993170	20.0
Podocarpa-8,11,13...	21.02	2.9	ng/ul	428260	5	21.28	2993170	20.0
(DEL) Alkane: Str...	22.81	2.2	ng/ul	275156	6	23.51	2540610	20.0