

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018178.D
 Acq On : 14 Dec 2018 21:21
 Operator : JU/SJ
 Sample : J6297-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E43

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	3.104	33	37	42	rBV	18999	21375	0.76%	0.061%
2	3.422	90	91	97	rVV3	2505	3358	0.12%	0.010%
3	3.704	135	139	143	rVB2	4473	6925	0.25%	0.020%
4	3.793	152	154	158	rBV3	3301	4684	0.17%	0.013%
5	3.822	158	159	163	rVB3	3679	3805	0.13%	0.011%
6	3.899	170	172	178	rVB4	5376	7408	0.26%	0.021%
7	4.675	299	304	308	rBV	5134	10290	0.36%	0.029%
8	5.934	515	518	523	rVB2	3021	4649	0.16%	0.013%
9	6.640	631	638	641	rBV4	3205	5046	0.18%	0.014%
10	6.704	643	649	665	rVV2	382285	757050	26.81%	2.152%
11	6.863	669	676	686	rBV	319472	509890	18.06%	1.450%
12	7.045	700	707	721	rBV	443284	715544	25.34%	2.034%
13	7.504	778	785	796	rBV	536962	859098	30.43%	2.442%
14	8.222	901	907	927	rBV	514996	910722	32.26%	2.589%
15	8.663	975	982	993	rBV	414185	679813	24.08%	1.933%
16	9.039	1041	1046	1052	rBV2	7713	11371	0.40%	0.032%
17	9.375	1097	1103	1116	rBV	349277	593133	21.01%	1.686%
18	9.910	1187	1194	1213	rBV	500552	927763	32.86%	2.637%
19	10.269	1247	1255	1263	rBV	779554	1293395	45.81%	3.677%
20	10.433	1276	1283	1304	rBV	333700	773488	27.40%	2.199%
21	11.898	1528	1532	1537	rBV3	4645	8537	0.30%	0.024%
22	13.463	1793	1798	1803	rVB3	23865	30217	1.07%	0.086%
23	13.586	1811	1819	1824	rBV	959777	1433047	50.76%	4.074%
24	13.633	1824	1827	1835	rVB	218194	311056	11.02%	0.884%
25	13.851	1857	1864	1878	rBV	1237421	1821505	64.52%	5.178%
26	13.998	1886	1889	1894	rVB3	14513	15251	0.54%	0.043%
27	14.074	1899	1902	1905	rVB3	2904	3618	0.13%	0.010%
28	14.163	1910	1917	1928	rBV2	1182885	1804686	63.92%	5.130%
29	14.257	1930	1933	1937	rVV	16565	18037	0.64%	0.051%
30	14.410	1953	1959	1975	rBV2	259976	596899	21.14%	1.697%
31	14.610	1990	1993	1995	rBV3	3259	3803	0.13%	0.011%
32	14.627	1995	1996	2001	rVB4	4306	4175	0.15%	0.012%
33	14.974	2049	2055	2057	rBV3	2081	2926	0.10%	0.008%
34	15.027	2060	2064	2067	rVB2	4917	5314	0.19%	0.015%

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35	15.163	2081	2087	2099	rBV	1527399	2285104	80.94%	6.496%
36	15.315	2108	2113	2122	rBV	330402	515665	18.26%	1.466%
37	15.410	2125	2129	2135	rVB2	17412	23700	0.84%	0.067%
38	15.892	2208	2211	2216	rVB3	4245	5262	0.19%	0.015%
39	16.304	2278	2281	2284	rVB2	2758	3313	0.12%	0.009%
40	16.709	2345	2350	2358	rBV4	4997	11178	0.40%	0.032%
41	16.921	2379	2386	2396	rBV2	1552584	2157723	76.42%	6.134%
42	17.021	2396	2403	2417	rVV	1753792	2532448	89.70%	7.199%
43	17.433	2470	2473	2477	rBV3	4134	4932	0.17%	0.014%
44	17.698	2516	2518	2519	rBV2	3960	2862	0.10%	0.008%
45	17.833	2536	2541	2552	rBV	258916	407564	14.44%	1.159%
46	17.909	2552	2554	2556	rVB3	6226	5097	0.18%	0.014%
47	18.133	2587	2592	2595	rVB6	2889	4716	0.17%	0.013%
48	18.639	2676	2678	2684	rVB5	4634	6327	0.22%	0.018%
49	18.698	2686	2688	2692	rBV4	3520	3157	0.11%	0.009%
50	18.768	2696	2700	2702	rBV4	5882	6983	0.25%	0.020%
51	18.792	2702	2704	2709	rVB6	5814	6293	0.22%	0.018%
52	18.968	2730	2734	2739	rBV3	16753	32506	1.15%	0.092%
53	19.127	2757	2761	2767	rBV2	118417	176890	6.27%	0.503%
54	19.215	2773	2776	2784	rVB	17367	28535	1.01%	0.081%
55	19.280	2784	2787	2789	rVB3	7557	9279	0.33%	0.026%
56	19.333	2789	2796	2805	rBV	2042296	2823373	100.00%	8.026%
57	19.527	2827	2829	2831	rBV3	3705	3547	0.13%	0.010%
58	19.868	2883	2887	2891	rBV4	22932	37314	1.32%	0.106%
59	19.956	2900	2902	2907	rVB6	6401	6930	0.25%	0.020%
60	20.286	2955	2958	2962	rBV5	13084	16098	0.57%	0.046%
61	20.862	3052	3056	3064	rBV	501930	695081	24.62%	1.976%
62	21.139	3098	3103	3116	rBV	1638101	2193613	77.69%	6.236%
63	22.650	3356	3360	3365	rBV2	106721	158971	5.63%	0.452%
64	23.162	3441	3447	3458	rBV	1257236	2388039	84.58%	6.789%
65	23.303	3464	3471	3478	rVB	908641	1753032	62.09%	4.984%
66	23.797	3551	3555	3560	rVB2	147155	252184	8.93%	0.717%
67	24.491	3670	3673	3678	rVB3	106860	168283	5.96%	0.478%
68	25.591	3853	3860	3873	rVB4	645732	1694863	60.03%	4.818%
69	25.827	3895	3900	3910	rVB4	232731	597919	21.18%	1.700%

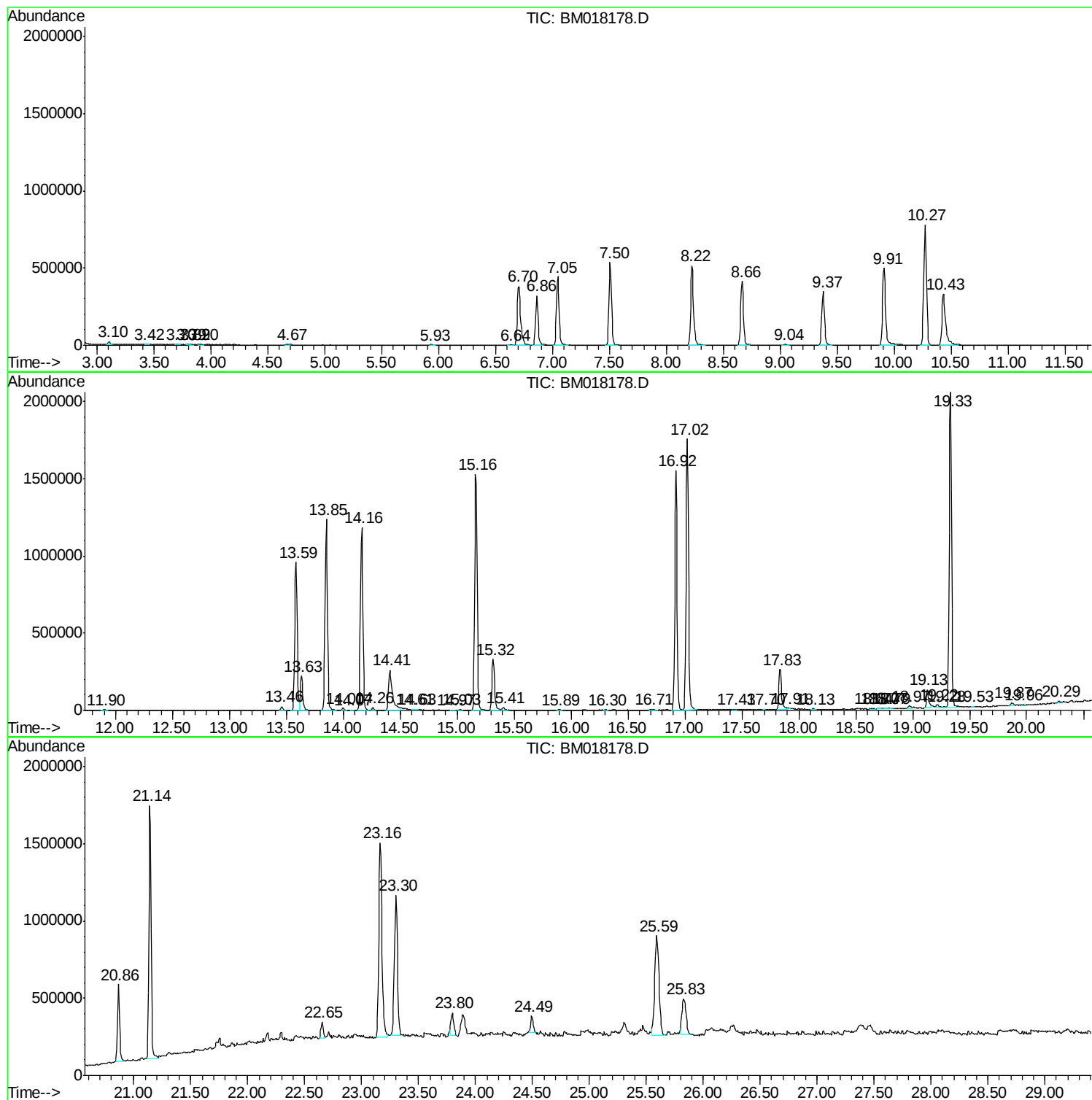
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Quant Title : SVOA CALIBRATION

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



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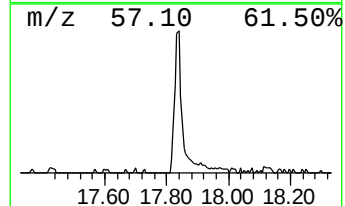
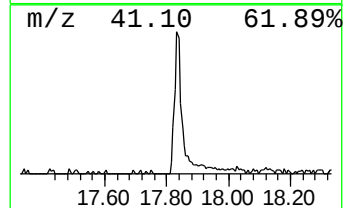
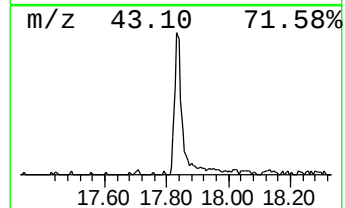
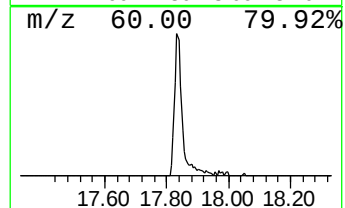
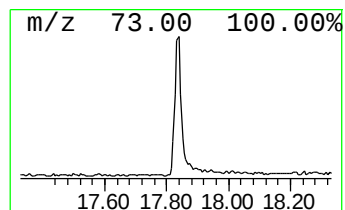
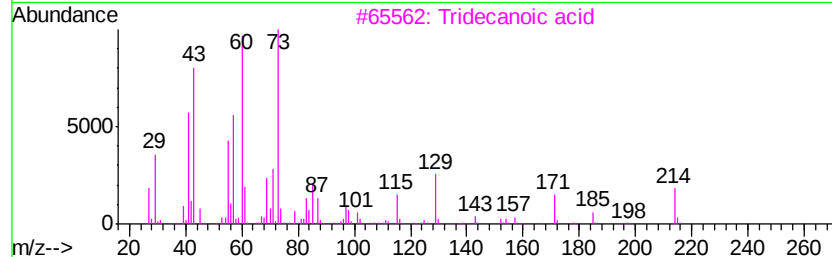
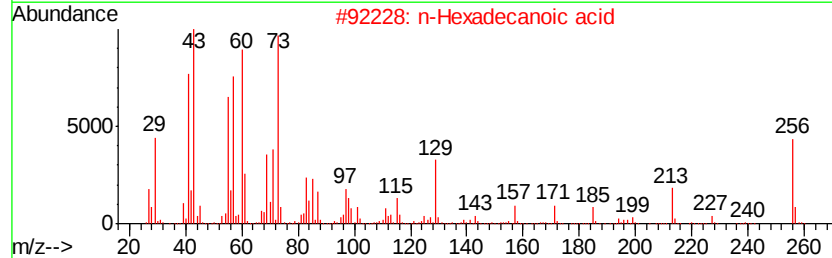
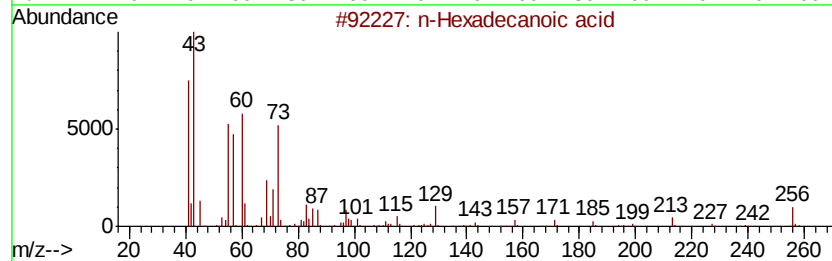
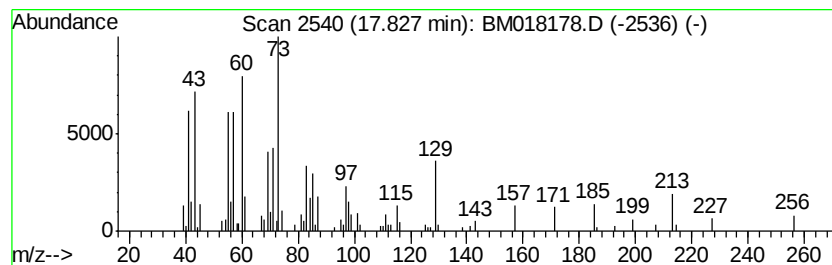
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	3.78 ng/ul	407564	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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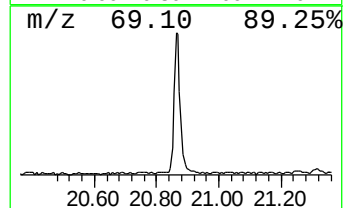
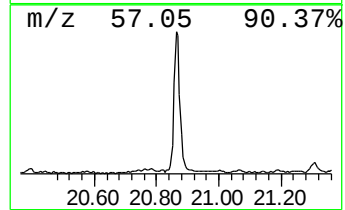
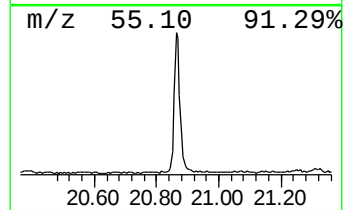
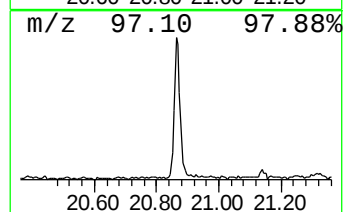
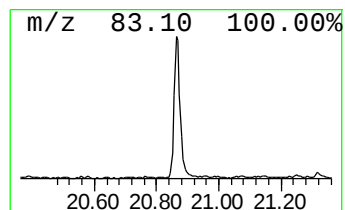
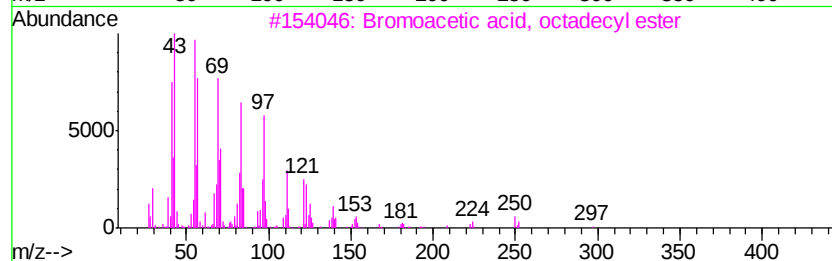
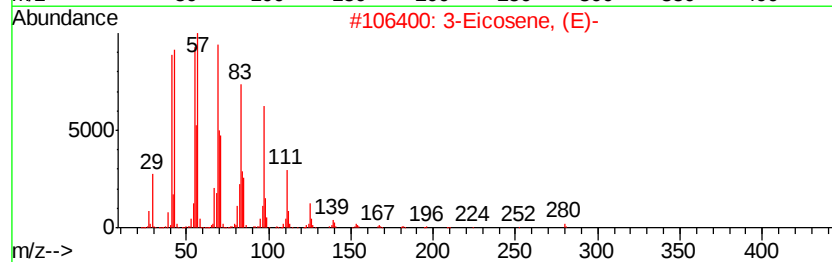
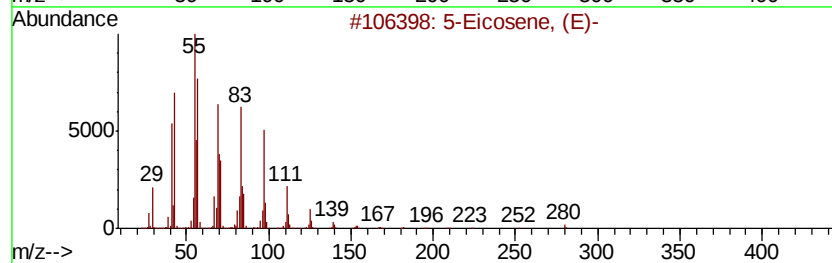
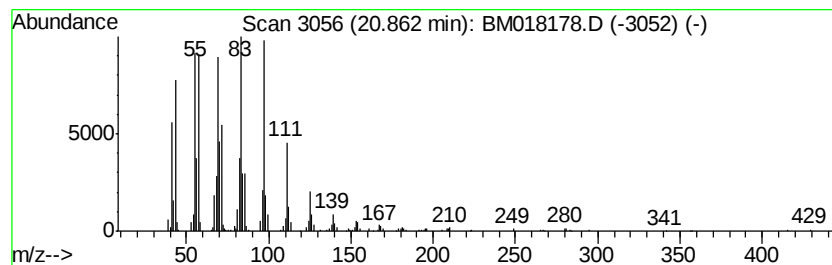
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.34 ng/ul	695081	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Cyclopentadecane	210	C15H30	000295-48-7	90



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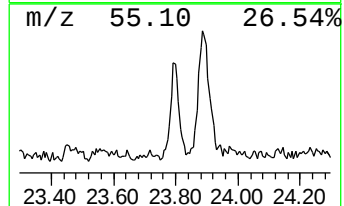
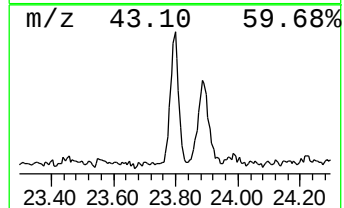
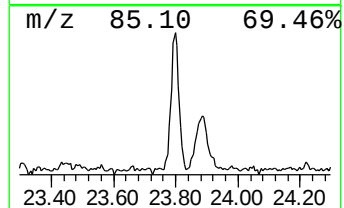
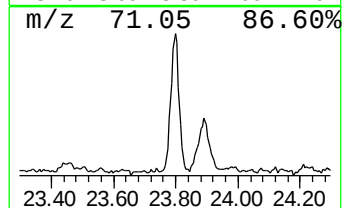
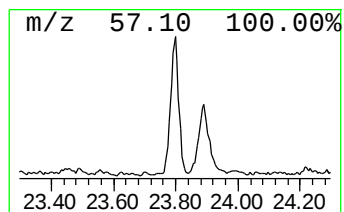
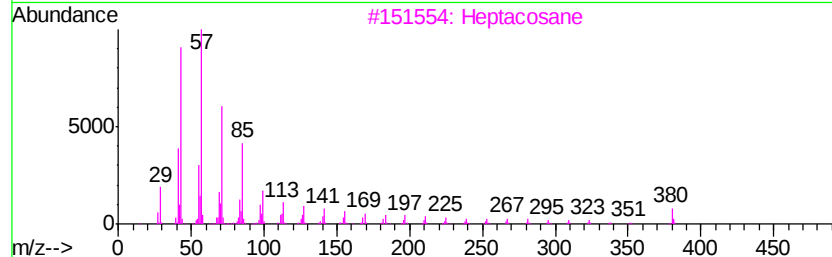
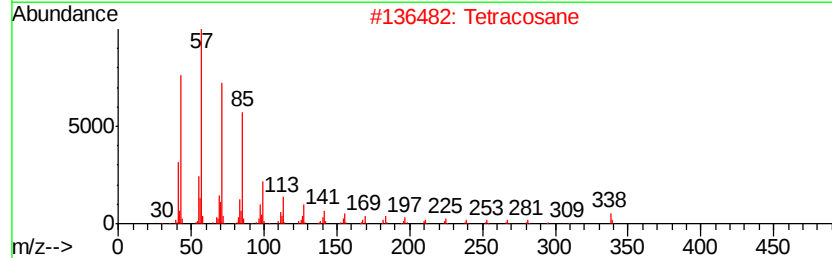
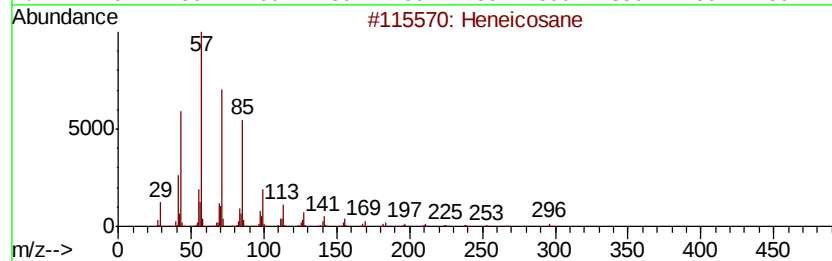
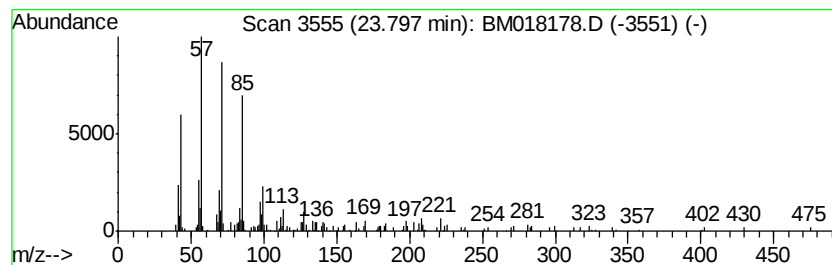
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.88 ng/ul	252184	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Tetracosane	338	C24H50	000646-31-1	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
5		Nonacosane	408	C29H60	000630-03-5	80



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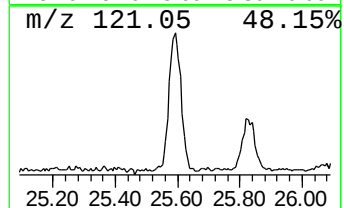
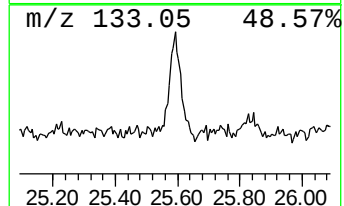
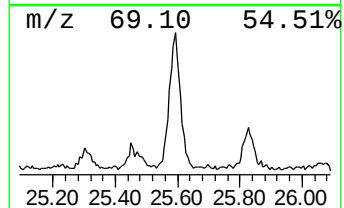
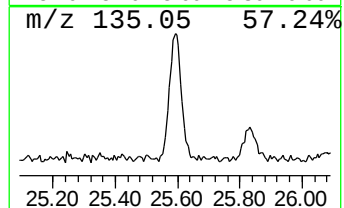
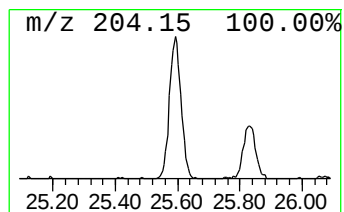
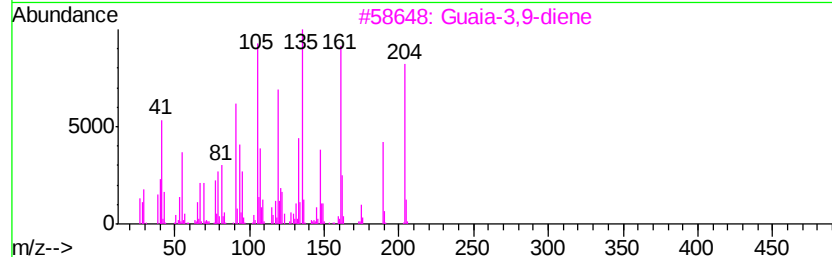
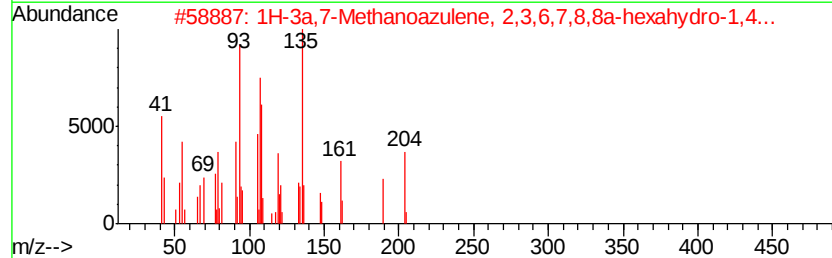
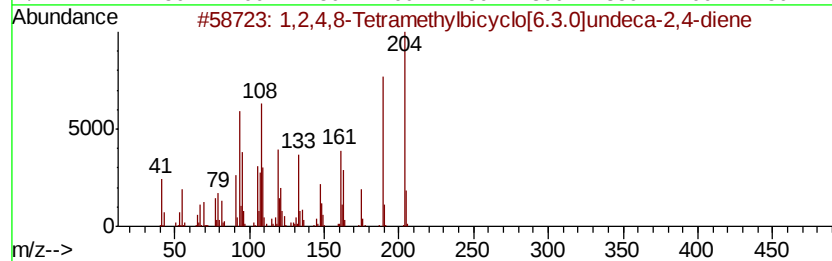
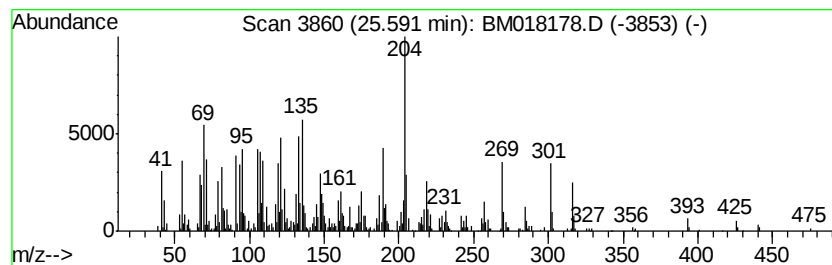
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Peak Number 4 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	19.34 ng/ul	1694860	Perylene-d12	23.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9 53
2	1H-3a,7-Methanoazulene, 2,3,6,7,8a-hexahydro-1,4-diene	204	C15H24	000560-32-7 52
3	Guaia-3,9-diene	204	C15H24	000489-83-8 50
4	2H-Cyclopentacyclooctene, 4,5,6,7,8a-hexahydro-1,4-diene	204	C15H24	1000221-85-8 45
5	1H-Cycloprop[e]azulene, 1a,2,3,4,8a-hexahydro-1,4-diene	204	C15H24	000489-40-7 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018178.D
Acq On : 14 Dec 2018 21:21
Operator : JU/SJ
Sample : J6297-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E43

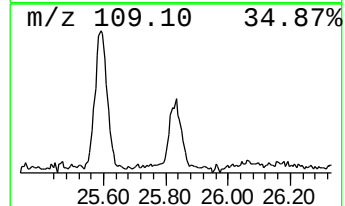
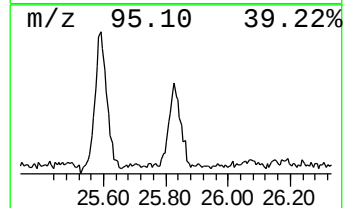
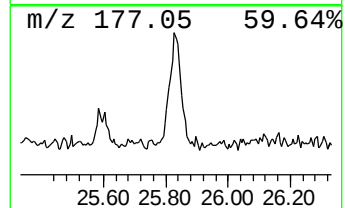
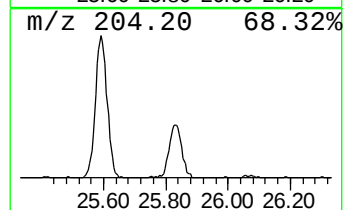
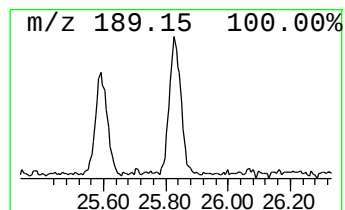
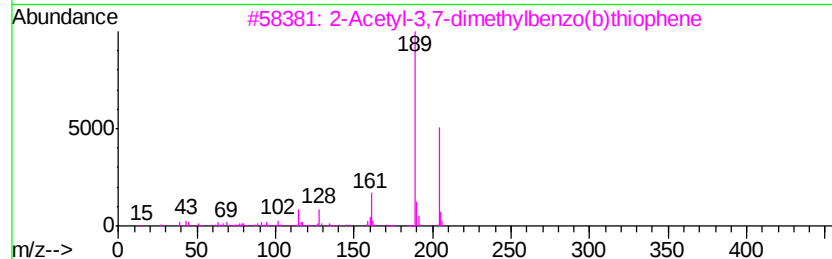
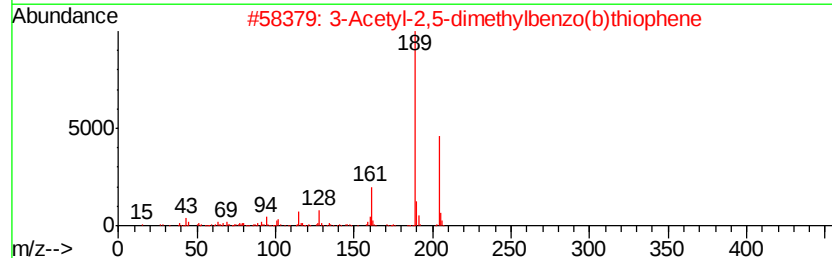
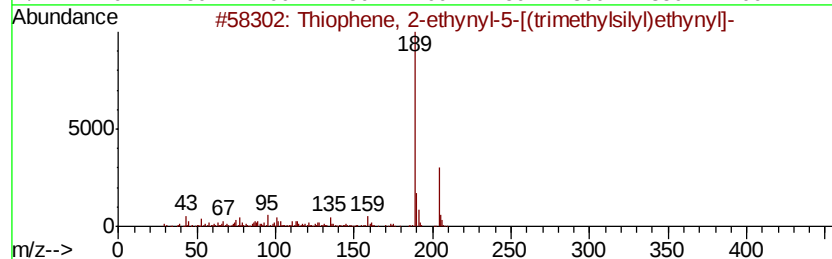
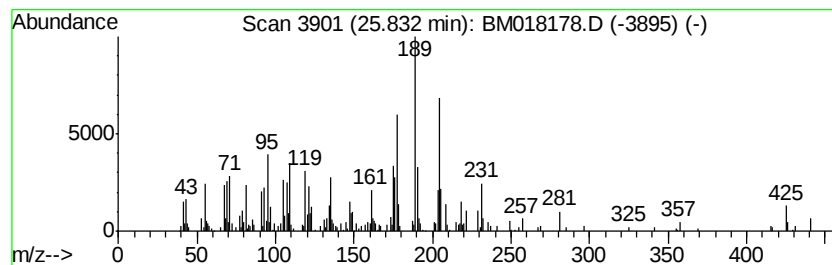
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	6.82 ng/ul	597919	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	43
2		3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
3		2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	38
4		2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	38
5		3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018178.D
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Operator : JU/SJ
Sample : J6297-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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
n-Hexadecanoic acid	17.83	3.8	ng/ul	407564	4	16.92	2157720	20.0
(DEL) Alkane: Cyc...	20.86	6.3	ng/ul	695081	5	21.14	2193610	20.0
(DEL) Alkane: Str...	23.80	2.9	ng/ul	252184	6	23.30	1753030	20.0
1,2,4,8-Tetrameth...	25.59	19.3	ng/ul	1694860	6	23.30	1753030	20.0
unknown-01	25.83	6.8	ng/ul	597919	6	23.30	1753030	20.0