

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018138.D
 Acq On : 13 Dec 2018 20:42
 Operator : JU/SJ
 Sample : J6271-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E30

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	3.105	32	37	45	rBV	23667	37394	0.94%	0.096%
2	3.705	134	139	146	rVB2	17966	29481	0.74%	0.076%
3	3.793	151	154	161	rVB2	5859	8621	0.22%	0.022%
4	3.899	169	172	177	rVB3	13541	16274	0.41%	0.042%
5	4.675	300	304	308	rBV2	9062	13285	0.34%	0.034%
6	5.940	513	519	525	rVB2	10277	17971	0.45%	0.046%
7	6.704	643	649	666	rBV2	403694	837066	21.13%	2.157%
8	6.863	669	676	690	rBV	366987	582563	14.70%	1.501%
9	7.045	701	707	718	rBV	462945	775313	19.57%	1.998%
10	7.510	780	786	795	rBV	419116	673942	17.01%	1.737%
11	8.228	900	908	921	rBV	555165	971848	24.53%	2.505%
12	8.345	924	928	937	rVB4	3602	8085	0.20%	0.021%
13	8.669	976	983	996	rBV	441887	757383	19.11%	1.952%
14	9.051	1043	1048	1055	rVB	21181	31338	0.79%	0.081%
15	9.381	1097	1104	1116	rBV	392610	679626	17.15%	1.752%
16	9.916	1187	1195	1217	rBV	511466	993268	25.07%	2.560%
17	10.275	1249	1256	1264	rBV	635647	1053392	26.59%	2.715%
18	10.439	1277	1284	1306	rBV	399562	908181	22.92%	2.341%
19	11.922	1529	1536	1539	rBV4	5139	11208	0.28%	0.029%
20	13.463	1793	1798	1802	rBV	3751	5593	0.14%	0.014%
21	13.592	1813	1820	1825	rBV	1206596	1763218	44.50%	4.544%
22	13.639	1825	1828	1837	rVB	197639	275763	6.96%	0.711%
23	13.857	1858	1865	1877	rBV	1301549	1975069	49.85%	5.091%
24	14.004	1885	1890	1893	rBV5	11842	14585	0.37%	0.038%
25	14.080	1899	1903	1906	rVB3	4784	6258	0.16%	0.016%
26	14.169	1910	1918	1927	rBV2	946260	1522144	38.42%	3.923%
27	14.410	1954	1959	1980	rBV	348639	754677	19.05%	1.945%
28	14.621	1991	1995	2006	rVB7	10009	23934	0.60%	0.062%
29	14.974	2051	2055	2060	rBV3	4182	5776	0.15%	0.015%
30	15.033	2060	2065	2069	rVB3	6381	10201	0.26%	0.026%
31	15.086	2069	2074	2080	rBV3	2079	4236	0.11%	0.011%
32	15.168	2082	2088	2100	rBV	1758211	2564837	64.73%	6.611%
33	15.321	2107	2114	2126	rBV	556973	887026	22.39%	2.286%
34	15.416	2126	2130	2134	rVV3	24909	35970	0.91%	0.093%

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35	15.445	2134	2135	2140	rVB3	4727	4176	0.11%	0.011%
36	15.604	2156	2162	2166	rBV4	2799	5115	0.13%	0.013%
37	15.904	2208	2213	2219	rVV6	4008	9031	0.23%	0.023%
38	15.957	2219	2222	2225	rVB5	3512	4230	0.11%	0.011%
39	16.245	2266	2271	2273	rBV2	3122	4394	0.11%	0.011%
40	16.315	2278	2283	2286	rBV6	4952	6234	0.16%	0.016%
41	16.363	2286	2291	2297	rBV4	7372	13233	0.33%	0.034%
42	16.715	2345	2351	2356	rBV6	5939	13651	0.34%	0.035%
43	16.845	2367	2373	2376	rBV5	3882	6450	0.16%	0.017%
44	16.927	2381	2387	2395	rBV	1280097	1807205	45.61%	4.658%
45	17.027	2397	2404	2415	rVV	1995082	2764444	69.77%	7.125%
46	17.121	2419	2420	2425	rVV4	5281	6773	0.17%	0.017%
47	17.174	2425	2429	2436	rVB4	4779	8403	0.21%	0.022%
48	17.345	2453	2458	2462	rBV5	3219	5731	0.14%	0.015%
49	17.439	2470	2474	2477	rVB4	2790	4264	0.11%	0.011%
50	17.709	2516	2520	2526	rBV5	17130	29068	0.73%	0.075%
51	17.839	2537	2542	2553	rBV	296712	468677	11.83%	1.208%
52	17.909	2553	2554	2559	rVV4	14145	19754	0.50%	0.051%
53	17.968	2562	2564	2567	rVB4	5707	5195	0.13%	0.013%
54	18.404	2635	2638	2641	rBV6	3429	4073	0.10%	0.010%
55	18.509	2653	2656	2662	rBV5	4995	9570	0.24%	0.025%
56	18.674	2682	2684	2687	rVB4	3810	4071	0.10%	0.010%
57	18.927	2726	2727	2730	rBV2	4003	4288	0.11%	0.011%
58	18.974	2730	2735	2739	rBV	25971	48217	1.22%	0.124%
59	19.004	2739	2740	2748	rVB5	14800	28605	0.72%	0.074%
60	19.133	2758	2762	2773	rBV	136681	238002	6.01%	0.613%
61	19.221	2774	2777	2781	rVB	22042	31162	0.79%	0.080%
62	19.339	2791	2797	2805	rBV	2398345	3350630	84.56%	8.636%
63	19.398	2805	2807	2812	rVB4	18834	21313	0.54%	0.055%
64	19.580	2836	2838	2841	rBV3	5534	4093	0.10%	0.011%
65	19.768	2867	2870	2872	rBV3	7092	9452	0.24%	0.024%
66	19.880	2885	2889	2893	rBV6	14232	28012	0.71%	0.072%
67	19.951	2899	2901	2906	rBV6	7564	9162	0.23%	0.024%
68	20.292	2955	2959	2962	rBV4	37793	45091	1.14%	0.116%
69	20.868	3054	3057	3064	rVB	241636	310816	7.84%	0.801%
70	21.145	3099	3104	3115	rBV	1970883	2617684	66.06%	6.747%
71	22.180	3277	3280	3285	rVB2	82020	112655	2.84%	0.290%

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72	22.297	3297	3300	3305	rVB	192982	238109	6.01%	0.614%
73	22.656	3359	3361	3366	rVB	102553	134416	3.39%	0.346%
74	23.174	3442	3449	3459	rVB	2114151	3962343	100.00%	10.212%
75	23.309	3466	3472	3481	rVB	1417600	2624360	66.23%	6.764%
76	25.609	3855	3863	3874	rVB3	573279	1521329	38.39%	3.921%

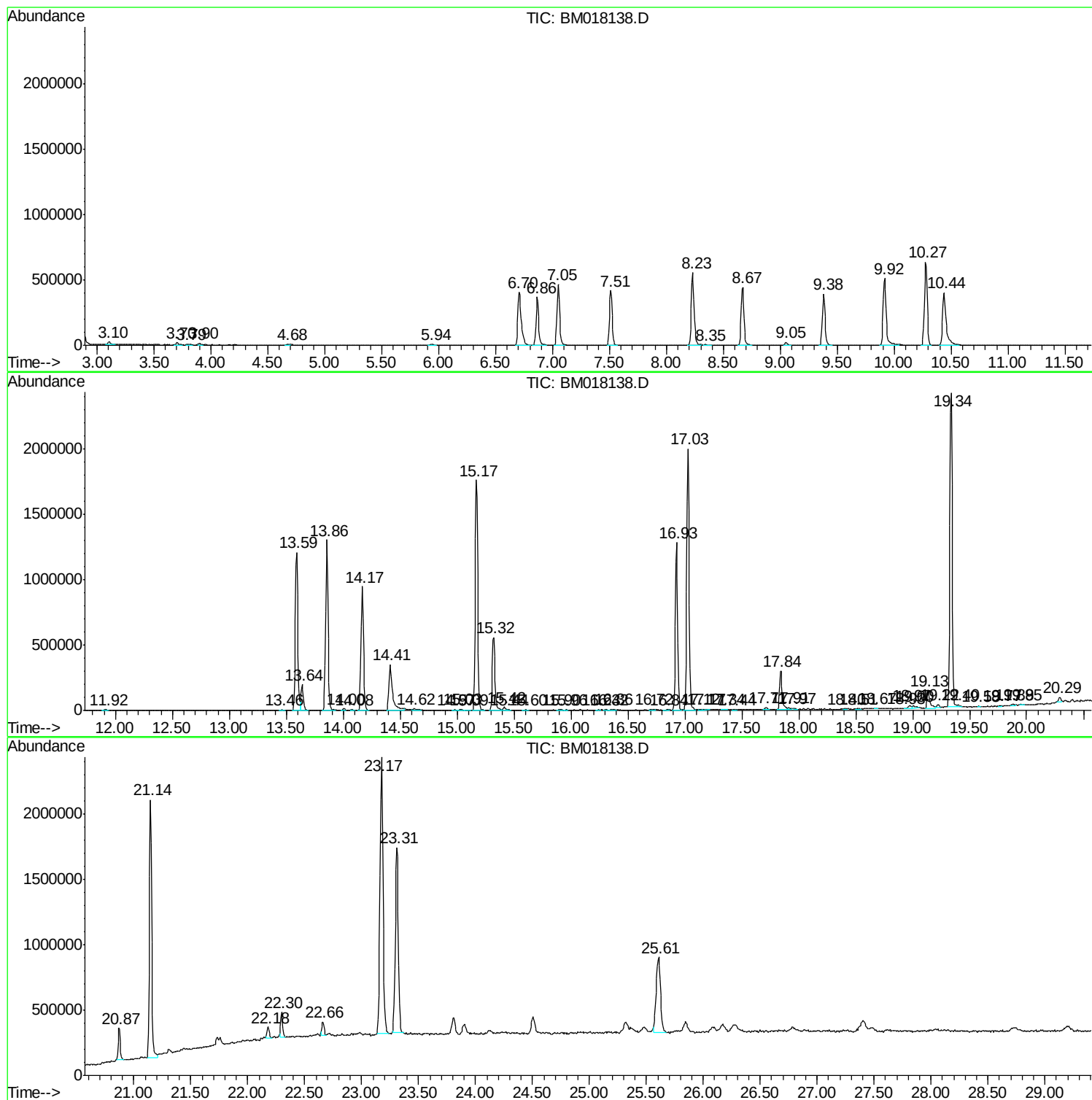
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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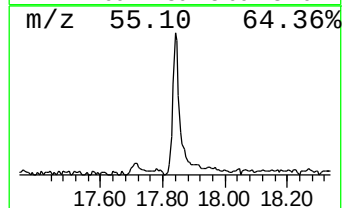
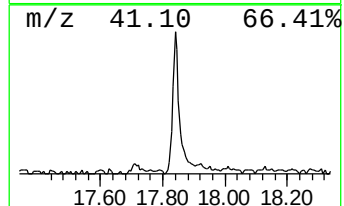
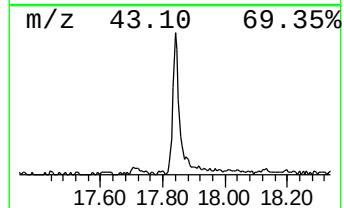
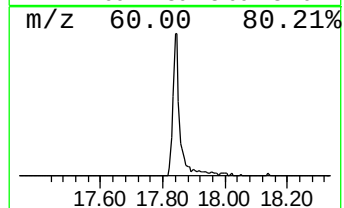
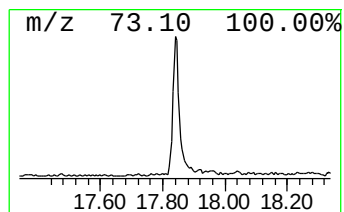
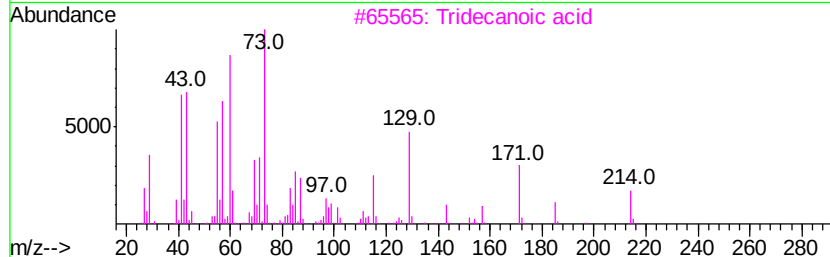
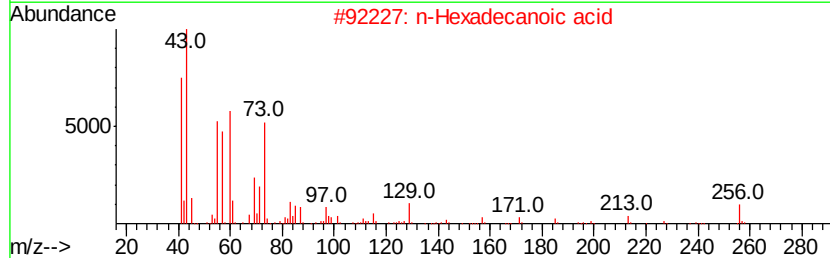
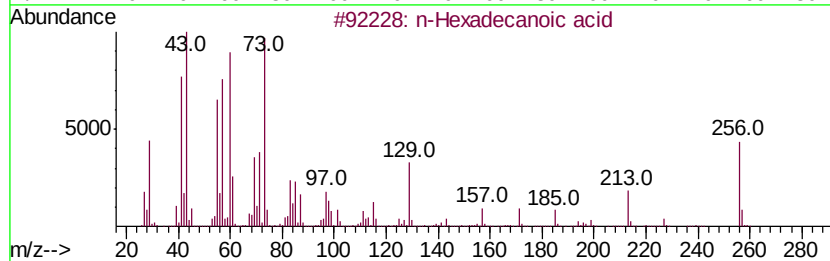
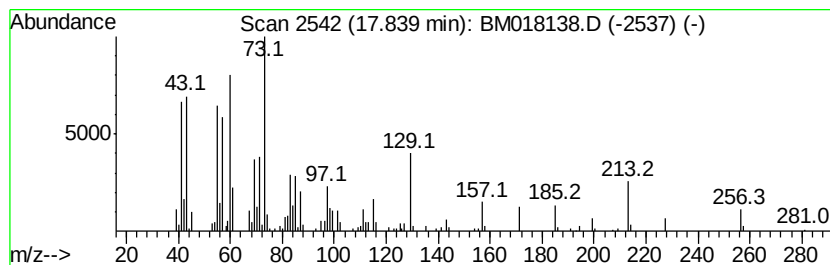
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.84	5.19 ng/ul	468677	Phenanthrene-d10	16.93		
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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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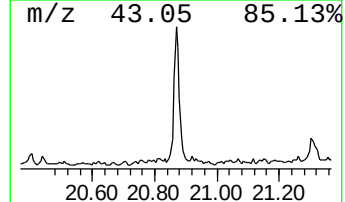
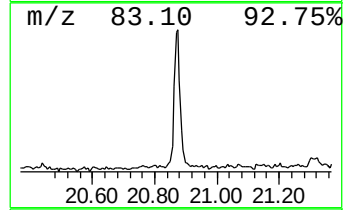
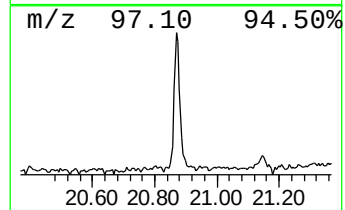
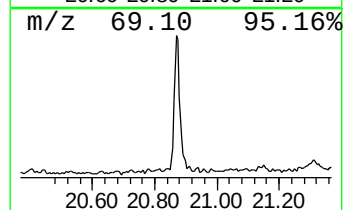
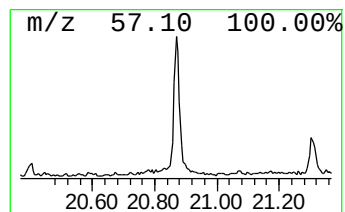
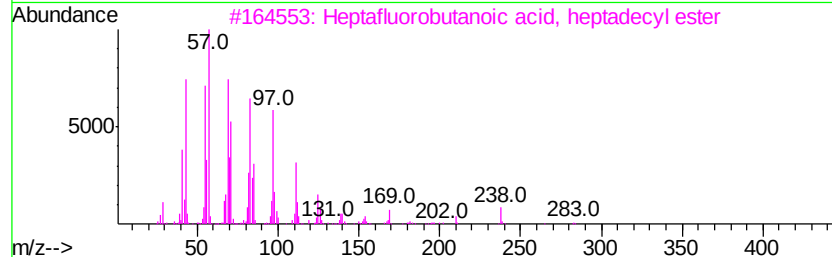
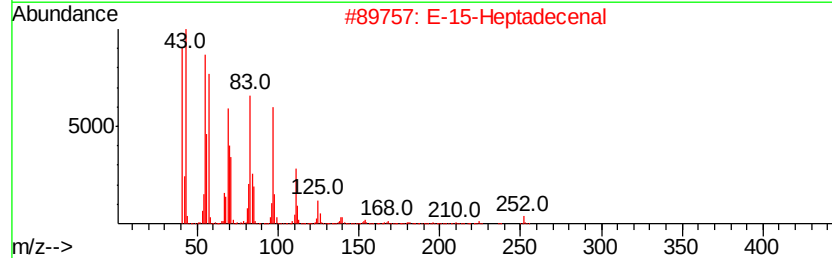
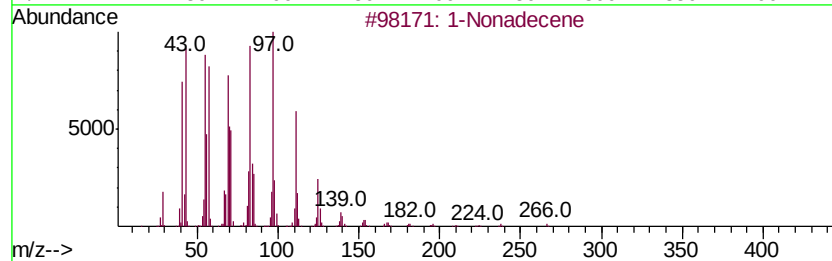
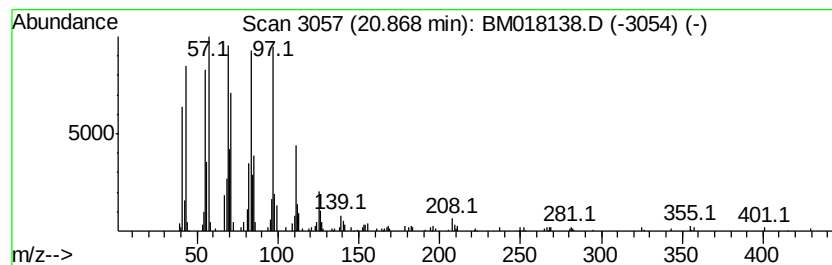
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.37 ng/ul	310816	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Nonadecene	266 C19H38	018435-45-5 98
2		E-15-Heptadecenal	252 C17H32O	1000130-97-9 97
3		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 93
4		Cyclopentadecane	210 C15H30	000295-48-7 91
5		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91



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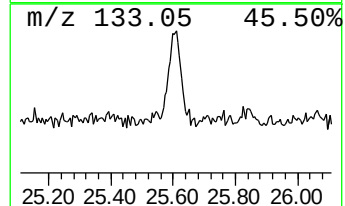
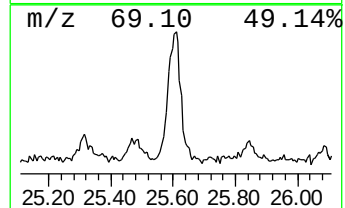
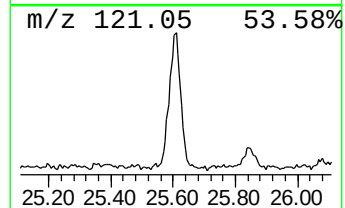
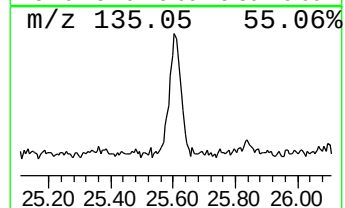
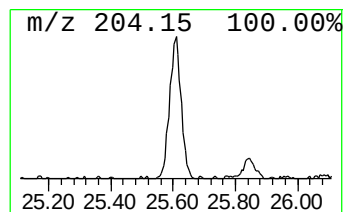
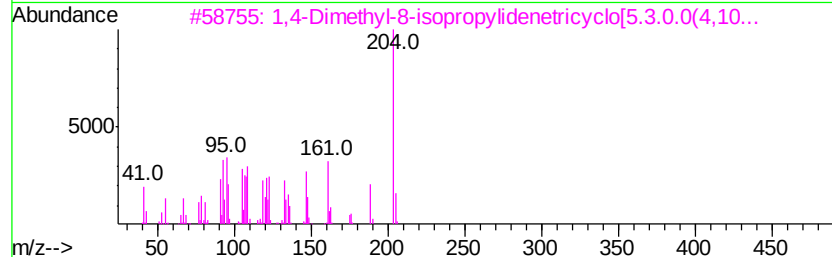
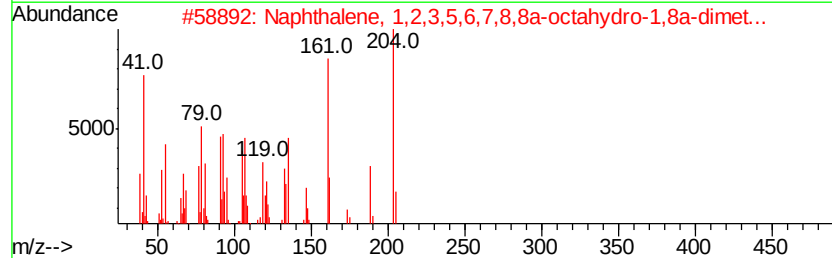
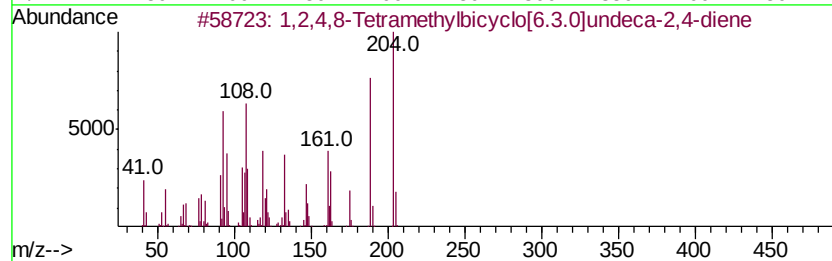
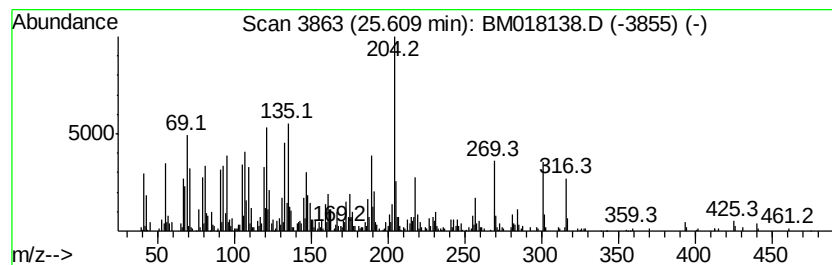
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Peak Number 3 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.61	11.59 ng/ul	1521330	Perylene-d12	23.31	
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	78
2	Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-	204	C15H24	004630-07-3	53
3	1,4-Dimethyl-8-isopropylidenetricyclo[5.3.0.0(4,10)]octa-2,6,8-triene	204	C15H24	1000140-07-7	46
4	1H-Cyclopropylazulene, 1a,2,3,4-tetrahydronaphthalene	204	C15H24	000489-40-7	46
5	2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydronaphthalene	204	C14H20O	124957-09-1	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	5.2	ng/ul	468677	4	16.93	1807210	20.0
(DEL) Alkane: Cyc...	20.87	2.4	ng/ul	310816	5	21.14	2617680	20.0
1,2,4,8-Tetrameth...	25.61	11.6	ng/ul	1521330	6	23.31	2624360	20.0