

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024937.D
 Acq On : 18 Feb 2020 19:12
 Operator : CG/JU
 Sample : L1486-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCW3

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-BM020620MA.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	3.034	21	25	40	rVB	52616	133986	1.81%	0.188%
2	4.598	287	291	293	rBV4	5627	8567	0.12%	0.012%
3	6.592	623	630	639	rBV	239523	424552	5.73%	0.596%
4	6.745	649	656	667	rBV	953606	1550912	20.92%	2.178%
5	6.928	681	687	699	rBV	1033928	1728646	23.32%	2.428%
6	7.387	759	765	777	rBV	1015127	1664518	22.45%	2.338%
7	8.098	876	886	900	rBV	745807	1240169	16.73%	1.742%
8	8.528	951	959	975	rBV	1097631	1838643	24.80%	2.582%
9	9.016	1035	1042	1047	rVB2	16217	25048	0.34%	0.035%
10	9.239	1073	1080	1094	rBV	954771	1563125	21.08%	2.195%
11	9.775	1164	1171	1197	rBV	1347718	2420643	32.65%	3.400%
12	10.139	1225	1233	1245	rBV	1342011	2178246	29.38%	3.059%
13	10.298	1252	1260	1271	rBV3	42950	97820	1.32%	0.137%
14	10.528	1292	1299	1302	rBV5	5213	9984	0.13%	0.014%
15	11.745	1502	1506	1515	rVB3	18038	34422	0.46%	0.048%
16	12.863	1690	1696	1699	rBV	22497	34441	0.46%	0.048%
17	13.063	1722	1730	1738	rVB6	5569	16572	0.22%	0.023%
18	13.198	1749	1753	1755	rBV2	5230	7660	0.10%	0.011%
19	13.357	1772	1780	1784	rBV3	17759	33154	0.45%	0.047%
20	13.463	1791	1798	1803	rBV	2670384	3631493	48.98%	5.100%
21	13.510	1803	1806	1813	rVV	84098	120073	1.62%	0.169%
22	13.592	1817	1820	1825	rVB4	7051	9543	0.13%	0.013%
23	13.721	1834	1842	1859	rBV	3162925	4562212	61.53%	6.407%
24	13.986	1884	1887	1889	rBV2	10428	13215	0.18%	0.019%
25	14.033	1889	1895	1902	rVV	1938510	2851216	38.46%	4.004%
26	14.098	1902	1906	1911	rVV	86416	120450	1.62%	0.169%
27	14.268	1929	1935	1947	rBV3	84849	234537	3.16%	0.329%
28	14.357	1947	1950	1955	rVV4	17143	31295	0.42%	0.044%
29	14.439	1959	1964	1971	rVB	163885	261057	3.52%	0.367%
30	14.674	2000	2004	2010	rVV4	6233	9222	0.12%	0.013%
31	14.839	2026	2032	2036	rBV4	3738	7491	0.10%	0.011%
32	14.892	2036	2041	2045	rVB8	4962	9179	0.12%	0.013%
33	14.951	2045	2051	2055	rVB2	20975	27896	0.38%	0.039%
34	15.039	2058	2066	2072	rVV	4091462	5591758	75.42%	7.853%

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35	15.092	2072	2075	2082	rVV	246117	363279	4.90%	0.510%
36	15.174	2082	2089	2101	rVV	973757	1485110	20.03%	2.086%
37	15.280	2102	2107	2114	rVV	51904	102447	1.38%	0.144%
38	15.351	2114	2119	2124	rVV2	46505	85069	1.15%	0.119%
39	15.398	2124	2127	2133	rVV2	49733	67853	0.92%	0.095%
40	15.504	2141	2145	2148	rBV4	4904	9034	0.12%	0.013%
41	15.545	2148	2152	2160	rVV	37487	86005	1.16%	0.121%
42	15.633	2165	2167	2174	rVB7	10567	15161	0.20%	0.021%
43	15.768	2186	2190	2195	rBV2	28189	38926	0.53%	0.055%
44	15.815	2195	2198	2207	rVB3	30530	58256	0.79%	0.082%
45	16.104	2245	2247	2254	rVV6	12274	19618	0.26%	0.028%
46	16.162	2254	2257	2258	rVV3	9786	12009	0.16%	0.017%
47	16.180	2258	2260	2266	rVV3	11744	15690	0.21%	0.022%
48	16.251	2268	2272	2278	rVB7	10627	17436	0.24%	0.024%
49	16.310	2278	2282	2285	rBV6	4345	7916	0.11%	0.011%
50	16.415	2297	2300	2303	rVV5	6982	11141	0.15%	0.016%
51	16.451	2303	2306	2314	rVB3	33264	64535	0.87%	0.091%
52	16.551	2314	2323	2326	rBV6	17198	38848	0.52%	0.055%
53	16.609	2329	2333	2337	rVV	67572	91546	1.23%	0.129%
54	16.657	2337	2341	2349	rVB6	21366	43105	0.58%	0.061%
55	16.792	2357	2364	2369	rBV	2340944	3232499	43.60%	4.540%
56	16.833	2369	2371	2375	rVV	86367	97762	1.32%	0.137%
57	16.892	2375	2381	2396	rVB	4120739	5979262	80.64%	8.397%
58	17.204	2430	2434	2440	rBV3	17308	32975	0.44%	0.046%
59	17.345	2451	2458	2461	rBV4	24728	43101	0.58%	0.061%
60	17.515	2484	2487	2492	rVB4	17033	23302	0.31%	0.033%
61	17.604	2499	2502	2508	rBV7	7367	15537	0.21%	0.022%
62	17.668	2510	2513	2519	rVB4	18900	25859	0.35%	0.036%
63	17.733	2519	2524	2531	rBV	155993	227569	3.07%	0.320%
64	17.862	2541	2546	2550	rBV	75327	111736	1.51%	0.157%
65	18.039	2569	2576	2581	rVB9	25915	47511	0.64%	0.067%
66	18.174	2595	2599	2604	rBV2	38587	57197	0.77%	0.080%
67	18.292	2614	2619	2620	rBV4	6454	11802	0.16%	0.017%
68	18.603	2669	2672	2677	rBV7	15199	22156	0.30%	0.031%
69	18.662	2679	2682	2684	rBV3	24881	27692	0.37%	0.039%
70	18.739	2691	2695	2703	rVB2	34616	53957	0.73%	0.076%
71	18.862	2712	2716	2722	rVB	389398	511471	6.90%	0.718%

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72	19.033	2741	2745	2749	rBV4	60099	79000	1.07%	0.111%
73	19.086	2750	2754	2765	rVB2	44810	87376	1.18%	0.123%
74	19.198	2767	2773	2783	rBV	5290569	7414305	100.00%	10.413%
75	19.274	2783	2786	2789	rVV3	25740	28474	0.38%	0.040%
76	19.309	2789	2792	2794	rVV3	20274	18193	0.25%	0.026%
77	19.809	2874	2877	2880	rBV3	29071	33544	0.45%	0.047%
78	20.309	2959	2962	2967	rBV3	69848	67939	0.92%	0.095%
79	20.762	3035	3039	3045	rBV2	289854	497866	6.71%	0.699%
80	21.003	3075	3080	3095	rBV	2798562	3771727	50.87%	5.297%
81	21.215	3113	3116	3119	rVB	167446	163526	2.21%	0.230%
82	21.633	3183	3187	3193	rBV	250579	308775	4.16%	0.434%
83	22.068	3257	3261	3265	rBV	254393	310664	4.19%	0.436%
84	22.180	3277	3280	3286	rVB	461810	505950	6.82%	0.711%
85	22.538	3337	3341	3351	rVB	301461	430165	5.80%	0.604%
86	22.974	3409	3415	3423	rVB	4428493	7173802	96.76%	10.075%
87	23.062	3426	3430	3432	rVV	298678	447022	6.03%	0.628%
88	23.103	3432	3437	3447	rVB	2317125	3858166	52.04%	5.418%
89	23.650	3527	3530	3537	rVB2	221172	362986	4.90%	0.510%

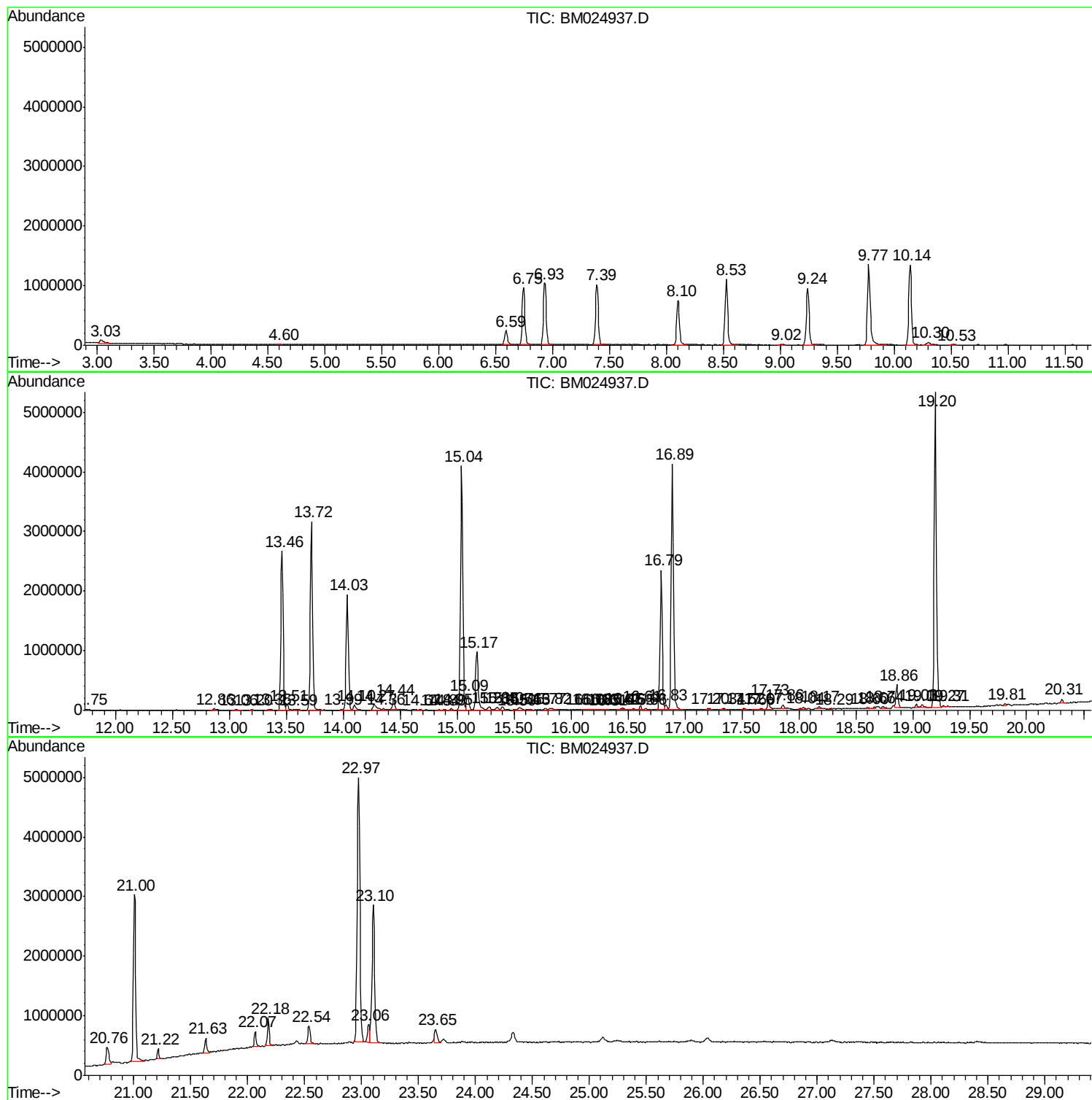
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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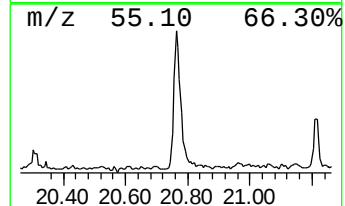
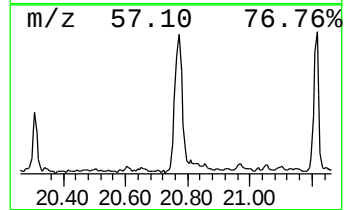
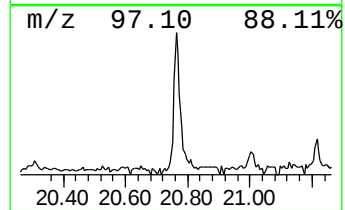
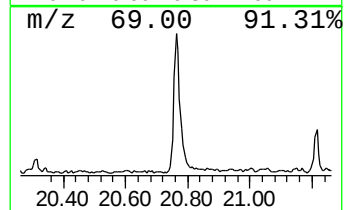
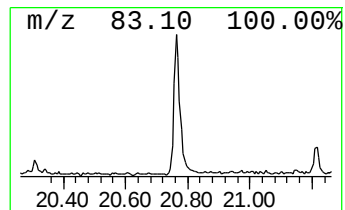
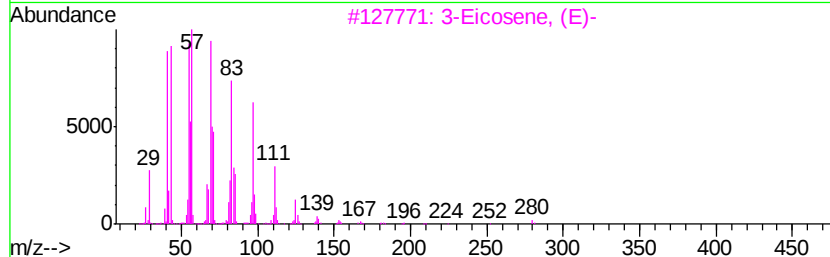
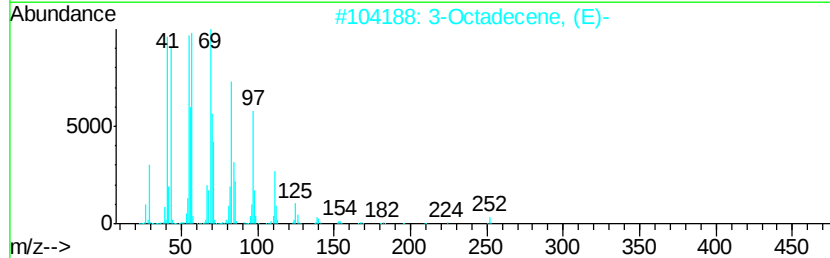
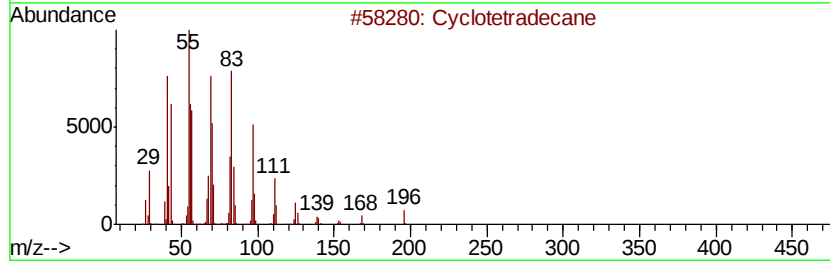
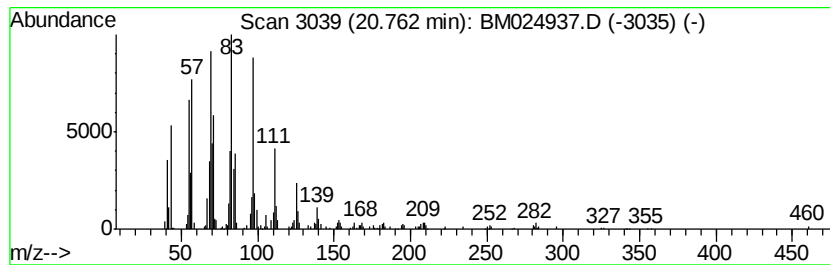
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.76	2.64 ng/ul	497866	Chrysene-d12	21.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	90
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	89
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	81
5	Cyclotetracosane	336	C24H48	000297-03-0	81



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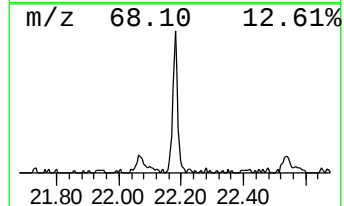
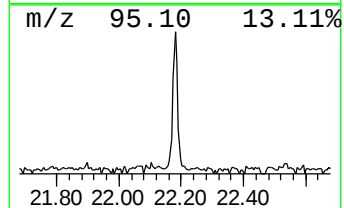
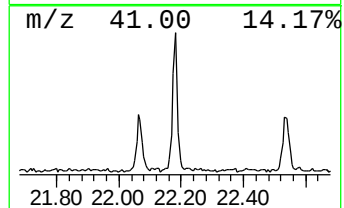
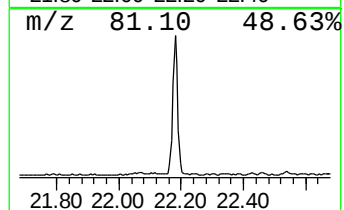
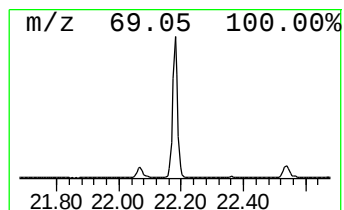
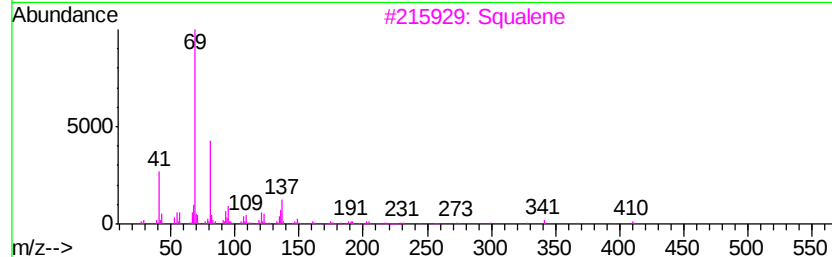
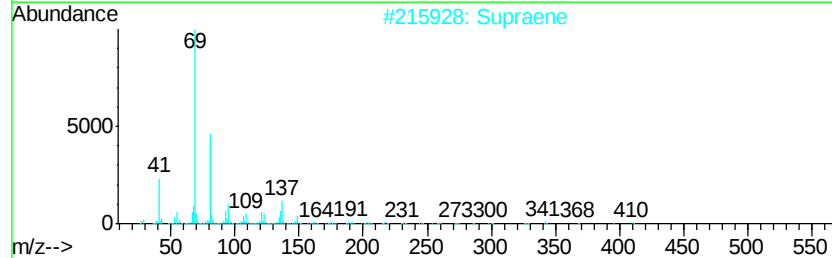
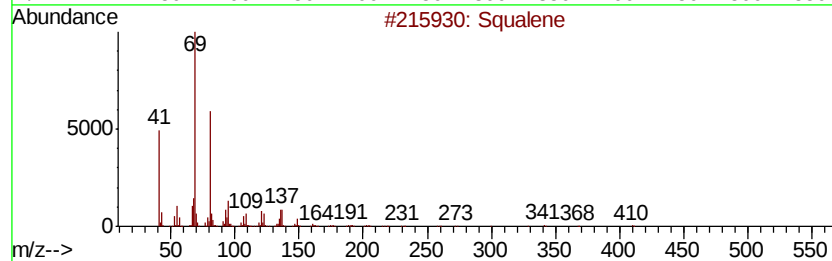
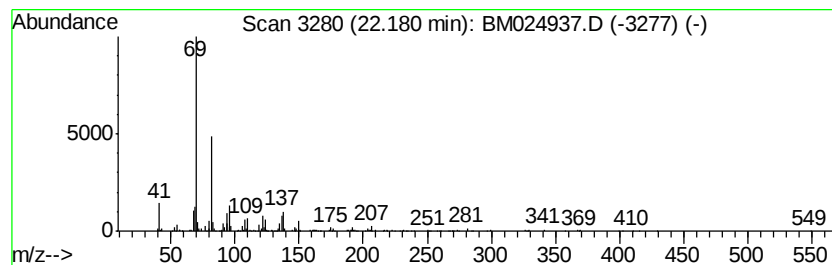
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	2.62 ng/ul	505950	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	98
3		Squalene	410	C30H50	000111-02-4	87
4		Squalene	410	C30H50	000111-02-4	78
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



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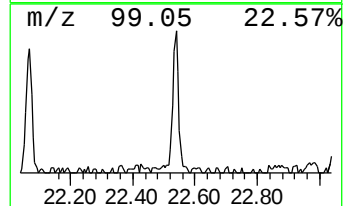
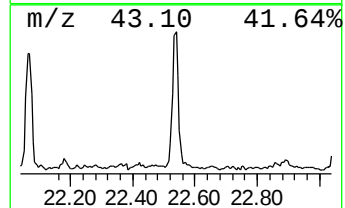
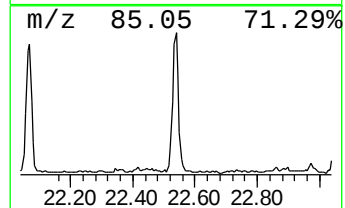
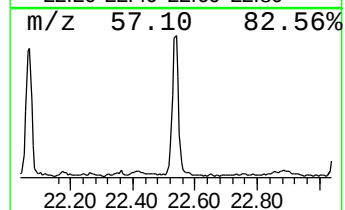
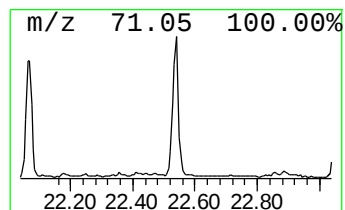
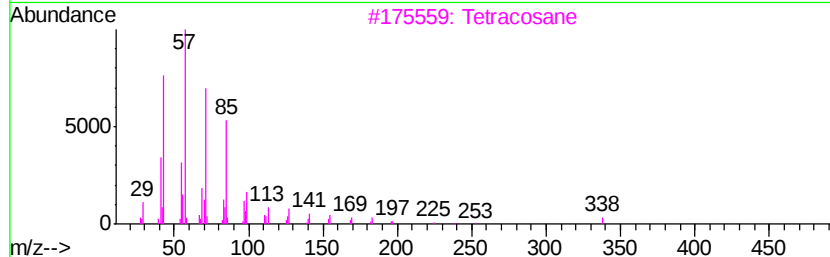
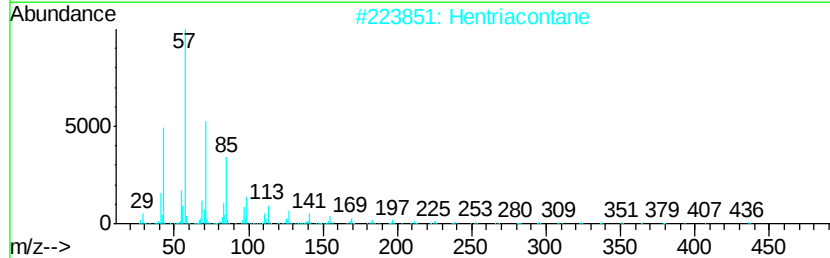
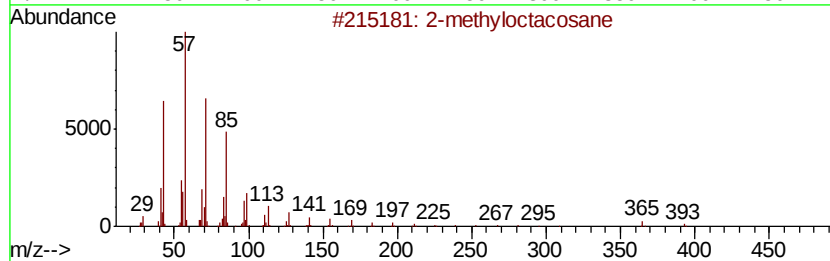
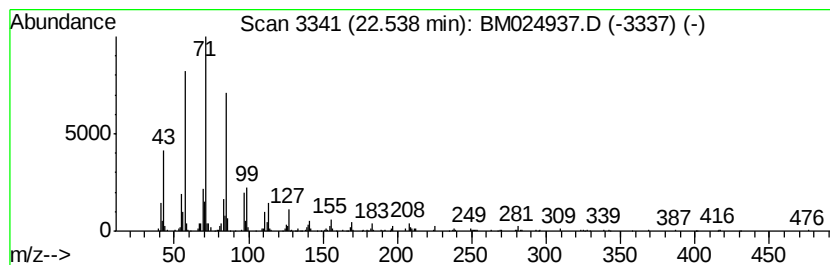
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.23 ng/ul	430165	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Hexacosane	366	C26H54	000630-01-3	81
5		Tetratetracontane	619	C44H90	007098-22-8	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	20.76	2.6	ng/ul	497866	5	21.00	3771730	20.0
Squalene	22.18	2.6	ng/ul	505950	6	23.10	3858170	20.0
(DEL) Alkane: Str...	22.54	2.2	ng/ul	430165	6	23.10	3858170	20.0