

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000666.D
 Acq On : 28 Mar 2018 19:11
 Operator : JU/SJ
 Sample : J2011-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEG5

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	21	25	37	rVB	51117	76989	1.52%	0.136%
2	3.901	75	79	84	rBV	6335	10363	0.20%	0.018%
3	5.401	328	334	342	rBV3	2857	7019	0.14%	0.012%
4	6.413	500	506	513	rBV	15305	23836	0.47%	0.042%
5	6.566	526	532	537	rVB4	5509	11103	0.22%	0.020%
6	7.554	692	700	712	rBV	901350	1614673	31.85%	2.851%
7	7.713	720	727	737	rBV	818767	1288280	25.41%	2.275%
8	7.807	740	743	750	rVB4	4461	6437	0.13%	0.011%
9	7.931	757	764	775	rBV	943234	1535673	30.30%	2.712%
10	8.407	838	845	857	rVB	748735	1209348	23.86%	2.136%
11	8.948	931	937	941	rBV3	3168	6212	0.12%	0.011%
12	9.119	958	966	975	rBV	1209305	2036118	40.17%	3.595%
13	9.589	1038	1046	1055	rBV	929767	1555693	30.69%	2.747%
14	9.689	1057	1063	1068	rBV2	9158	18223	0.36%	0.032%
15	9.942	1100	1106	1111	rVB	17285	23315	0.46%	0.041%
16	10.319	1163	1170	1180	rBV	772022	1303279	25.71%	2.301%
17	10.866	1255	1263	1278	rBV	1122173	1977925	39.02%	3.493%
18	11.248	1320	1328	1339	rBV	1057241	1818137	35.87%	3.211%
19	11.378	1342	1350	1364	rBV	1153335	2049670	40.44%	3.619%
20	12.419	1519	1527	1532	rVB	44835	65383	1.29%	0.115%
21	12.625	1557	1562	1568	rBV4	9795	14213	0.28%	0.025%
22	12.807	1587	1593	1598	rVB	18941	29775	0.59%	0.053%
23	13.619	1727	1731	1734	rBV4	5448	7572	0.15%	0.013%
24	13.819	1760	1765	1771	rVB	21384	28369	0.56%	0.050%
25	13.895	1773	1778	1783	rBV3	2695	5195	0.10%	0.009%
26	14.342	1846	1854	1856	rBV4	4185	8576	0.17%	0.015%
27	14.419	1860	1867	1871	rVV	2076174	3078354	60.73%	5.436%
28	14.460	1871	1874	1879	rVV	518881	680882	13.43%	1.202%
29	14.507	1879	1882	1891	rVB	9981	14923	0.29%	0.026%
30	14.583	1891	1895	1899	rBV2	6815	9350	0.18%	0.017%
31	14.724	1913	1919	1932	rBV	2480326	3802566	75.02%	6.715%
32	14.877	1939	1945	1954	rVB	91574	116657	2.30%	0.206%
33	14.948	1954	1957	1963	rBV4	5111	8880	0.18%	0.016%
34	15.024	1963	1970	1978	rVV2	1447015	2326621	45.90%	4.108%

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35	15.219	1997	2003	2016	rBV	773356	1305354	25.75%	2.305%
36	15.313	2016	2019	2021	rVV4	17480	27475	0.54%	0.049%
37	15.371	2025	2029	2033	rVV3	14996	24319	0.48%	0.043%
38	15.424	2033	2038	2043	rVV4	10956	20244	0.40%	0.036%
39	15.489	2044	2049	2056	rVV2	20797	37579	0.74%	0.066%
40	15.554	2056	2060	2068	rVB3	12007	17691	0.35%	0.031%
41	15.713	2082	2087	2091	rVB4	4646	8588	0.17%	0.015%
42	15.777	2093	2098	2101	rBV	43155	58884	1.16%	0.104%
43	15.819	2101	2105	2109	rVB	131275	159150	3.14%	0.281%
44	15.877	2109	2115	2119	rBV3	7551	12043	0.24%	0.021%
45	15.924	2119	2123	2131	rVB7	5883	11974	0.24%	0.021%
46	16.013	2131	2138	2144	rBV	2981381	4464484	88.07%	7.884%
47	16.130	2152	2158	2166	rBV	802683	1110585	21.91%	1.961%
48	16.218	2166	2173	2175	rVV2	37245	80159	1.58%	0.142%
49	16.242	2175	2177	2182	rVV	42148	61385	1.21%	0.108%
50	16.313	2186	2189	2195	rVV4	12308	18861	0.37%	0.033%
51	16.366	2195	2198	2206	rVV3	12602	22101	0.44%	0.039%
52	16.436	2206	2210	2218	rVB3	15064	20614	0.41%	0.036%
53	16.671	2245	2250	2258	rBV	117621	190089	3.75%	0.336%
54	16.860	2276	2282	2288	rVB3	6539	13886	0.27%	0.025%
55	16.954	2291	2298	2300	rBV3	7557	14185	0.28%	0.025%
56	17.013	2304	2308	2314	rVV2	10028	21755	0.43%	0.038%
57	17.071	2315	2318	2322	rVB3	9613	13380	0.26%	0.024%
58	17.124	2324	2327	2331	rVB4	6566	8481	0.17%	0.015%
59	17.171	2332	2335	2342	rVB3	8632	12332	0.24%	0.022%
60	17.236	2342	2346	2350	rBV2	7056	9935	0.20%	0.018%
61	17.289	2351	2355	2359	rVB3	5250	5863	0.12%	0.010%
62	17.460	2379	2384	2387	rBV	67622	82819	1.63%	0.146%
63	17.507	2388	2392	2396	rVV	18259	30743	0.61%	0.054%
64	17.542	2396	2398	2405	rVB2	10625	13355	0.26%	0.024%
65	17.754	2427	2434	2444	rBV2	1772103	2607217	51.43%	4.604%
66	17.854	2444	2451	2460	rVV2	3222533	4731100	93.33%	8.354%
67	17.924	2461	2463	2471	rVB4	7123	9933	0.20%	0.018%
68	17.989	2471	2474	2481	rBV4	6089	11972	0.24%	0.021%
69	18.189	2503	2508	2514	rBV	45951	53876	1.06%	0.095%
70	18.365	2533	2538	2543	rVB2	11957	17120	0.34%	0.030%
71	18.483	2550	2558	2565	rBV7	5045	16580	0.33%	0.029%

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72	18.589	2571	2576	2604	rBV	226489	510473	10.07%	0.901%
73	18.871	2619	2624	2628	rBV	22004	29336	0.58%	0.052%
74	18.907	2628	2630	2633	rVV2	7738	8375	0.17%	0.015%
75	19.489	2725	2729	2731	rBV3	5792	6940	0.14%	0.012%
76	19.742	2768	2772	2778	rVB	43687	61148	1.21%	0.108%
77	19.842	2784	2789	2802	rBV2	36629	93268	1.84%	0.165%
78	19.995	2809	2815	2822	rBV	38687	52553	1.04%	0.093%
79	20.112	2828	2835	2843	rBV	3472743	5069042	100.00%	8.951%
80	20.671	2928	2930	2933	rBV3	5733	6000	0.12%	0.011%
81	20.918	2970	2972	2975	rBV4	6136	7622	0.15%	0.013%
82	20.965	2975	2980	2984	rVV3	15749	23509	0.46%	0.042%
83	21.071	2995	2998	3001	rBV3	10307	12828	0.25%	0.023%
84	21.106	3001	3004	3009	rVB6	10940	12117	0.24%	0.021%
85	21.559	3076	3081	3100	rBV6	25716	106658	2.10%	0.188%
86	21.877	3129	3135	3145	rBV	1776984	2454893	48.43%	4.335%
87	21.965	3147	3150	3157	rVB6	25100	39498	0.78%	0.070%
88	22.948	3314	3317	3325	rVB	59545	85874	1.69%	0.152%
89	23.095	3338	3342	3349	rVB	94562	133412	2.63%	0.236%
90	23.506	3408	3412	3420	rVB2	91842	169331	3.34%	0.299%
91	24.136	3514	3519	3522	rBV	89579	160604	3.17%	0.284%
92	24.200	3522	3530	3543	rVB2	1603058	3342847	65.95%	5.903%
93	24.353	3548	3556	3569	rVB2	873842	1802486	35.56%	3.183%
94	24.859	3637	3642	3649	rVB2	97343	187831	3.71%	0.332%
95	25.694	3779	3784	3793	rVB	72436	157461	3.11%	0.278%

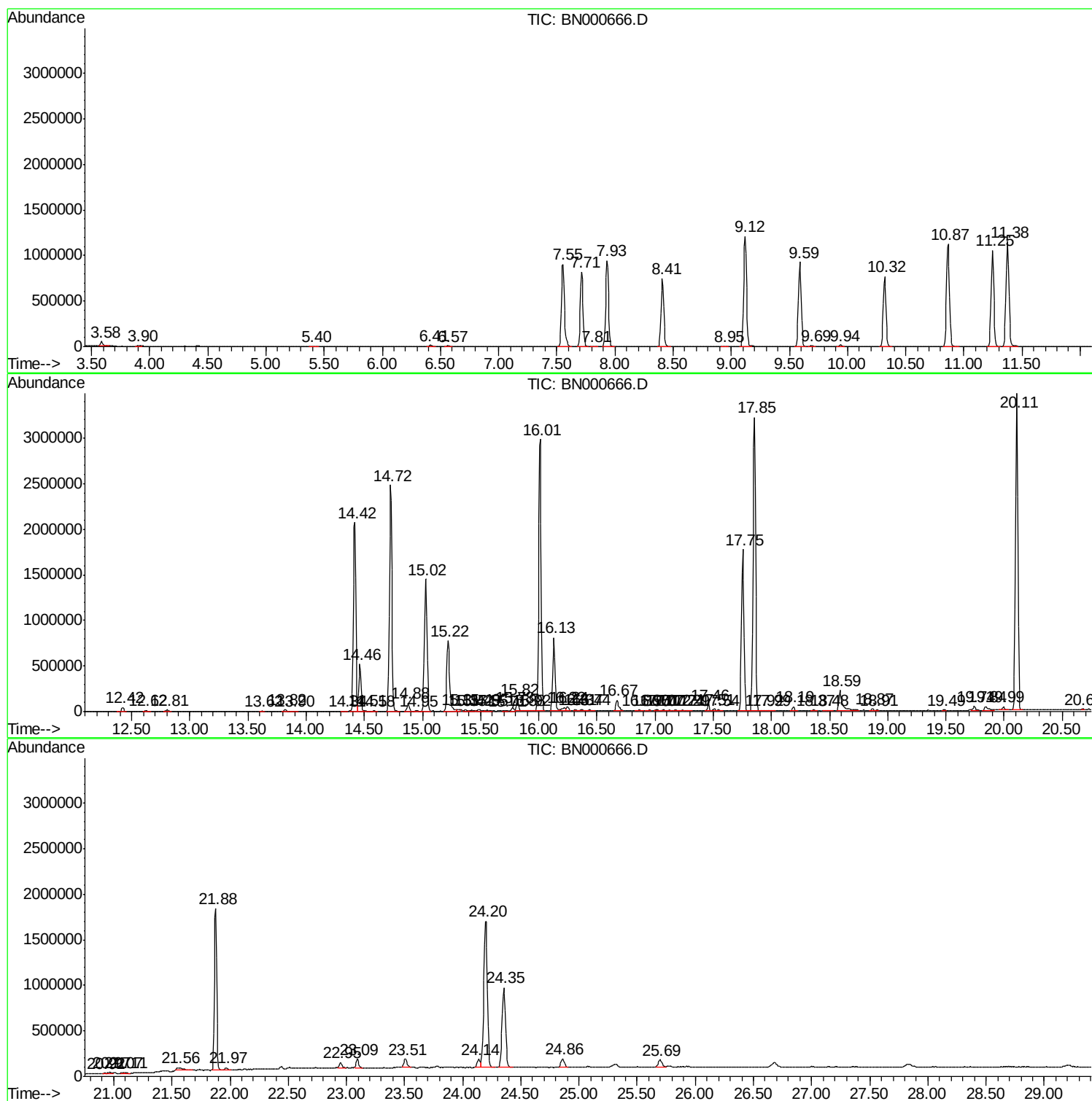
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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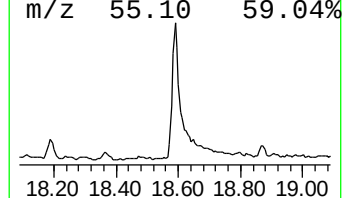
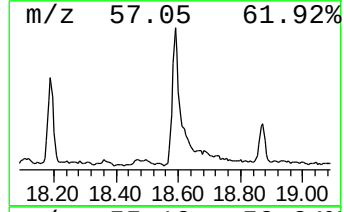
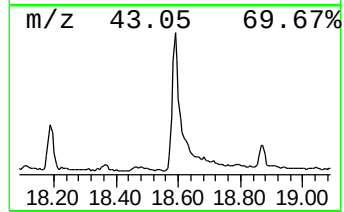
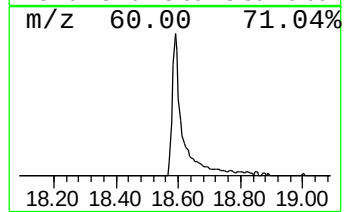
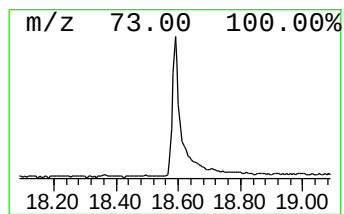
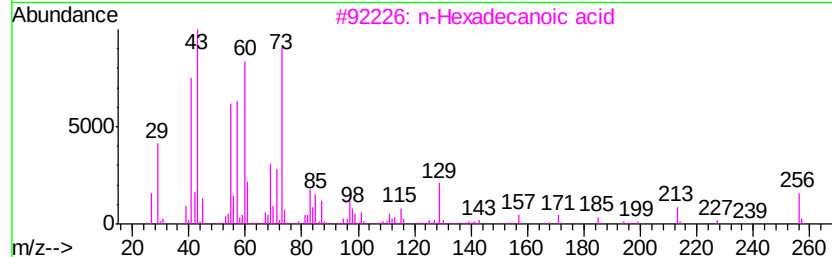
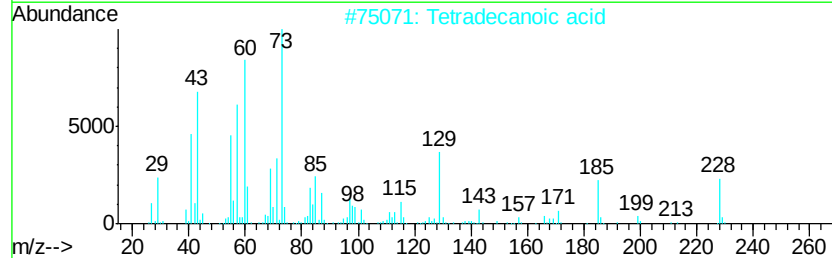
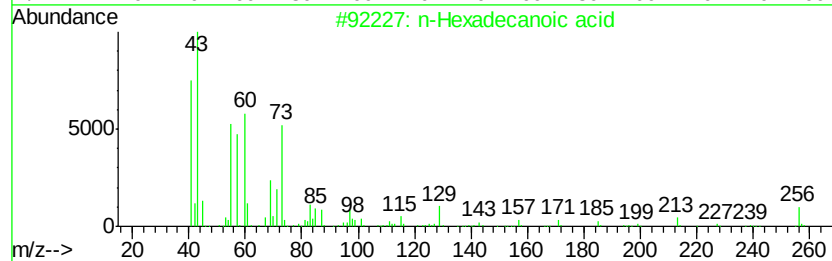
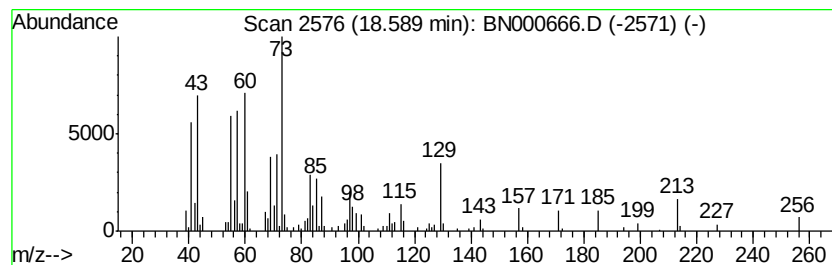
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.59	3.92 ng/ul	510473	Phenanthrene-d10		17.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	68
5	Eicosane		282	C20H42	000112-95-8	18



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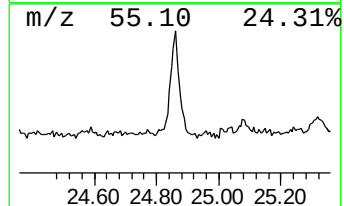
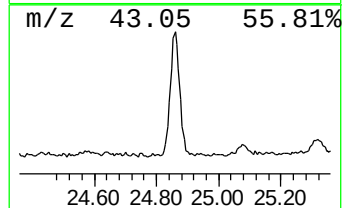
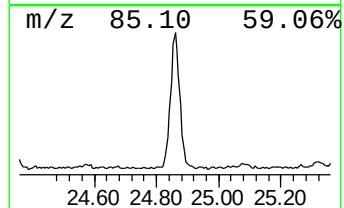
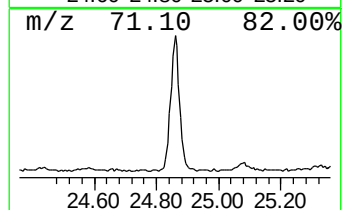
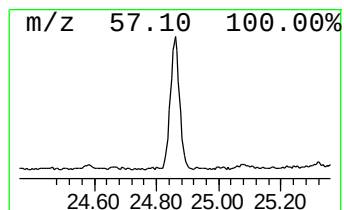
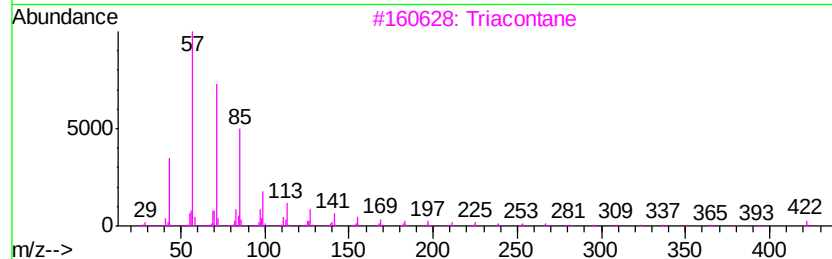
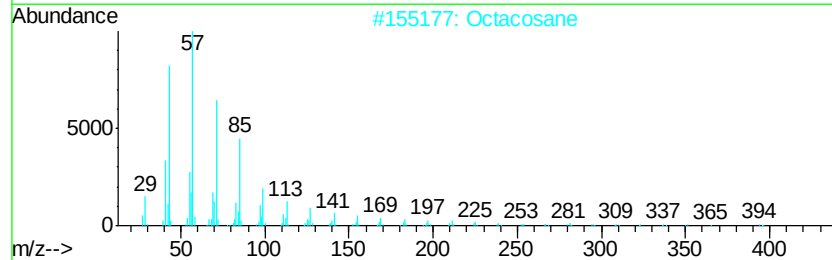
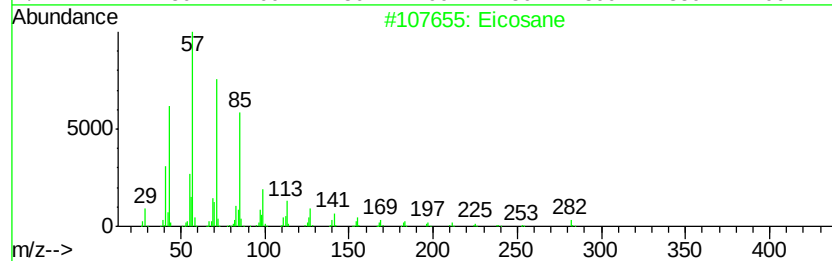
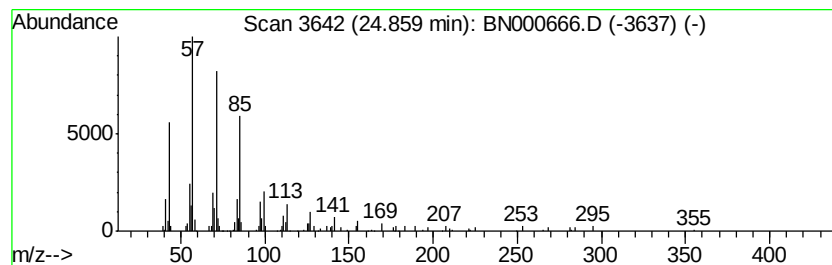
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.08 ng/ul	187831	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.59	3.9	ng/ul	510473	4	17.75	2607220	20.0
(DEL) Alkane: Str...	24.86	2.1	ng/ul	187831	6	24.35	1802490	20.0