

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
 Data File : BM024012.D
 Acq On : 06 Dec 2019 12:43
 Operator : JU
 Sample : K6007-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK9

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-BM112719MA.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	22	25	34	rVB	69852	105982	1.46%	0.137%
2	3.534	107	110	117	rVB3	23405	39983	0.55%	0.052%
3	3.646	125	129	136	rVV2	52318	92221	1.27%	0.120%
4	3.734	140	144	151	rVB	45572	62694	0.87%	0.081%
5	4.640	294	298	305	rBV	47652	72868	1.01%	0.094%
6	5.152	382	385	391	rVB9	7919	13993	0.19%	0.018%
7	5.528	443	449	454	rVB9	8771	15722	0.22%	0.020%
8	5.652	467	470	473	rBV5	7144	11092	0.15%	0.014%
9	6.669	631	643	658	rBV	1187485	2117454	29.22%	2.746%
10	6.828	664	670	688	rBV	962528	1558820	21.51%	2.022%
11	7.016	695	702	713	rVV	1268846	2056913	28.38%	2.668%
12	7.116	715	719	725	rVB6	13453	22552	0.31%	0.029%
13	7.475	773	780	791	rVV	1062881	1697473	23.42%	2.201%
14	7.563	791	795	802	rVV3	15578	28215	0.39%	0.037%
15	8.193	896	902	916	rBV	1401053	2371200	32.72%	3.075%
16	8.310	917	922	931	rVB	59709	108918	1.50%	0.141%
17	8.628	969	976	987	rBV	1109767	1850842	25.54%	2.400%
18	8.710	987	990	997	rVB8	15018	26939	0.37%	0.035%
19	8.816	1002	1008	1013	rVB7	7893	18153	0.25%	0.024%
20	9.069	1048	1051	1058	rVB	21576	30401	0.42%	0.039%
21	9.346	1091	1098	1113	rBV	917273	1530155	21.11%	1.984%
22	9.710	1156	1160	1164	rBV6	6816	10119	0.14%	0.013%
23	9.881	1183	1189	1204	rBV	1391067	2439342	33.66%	3.163%
24	10.246	1242	1251	1258	rBV	1405590	2379214	32.83%	3.085%
25	10.399	1268	1277	1293	rBV	1025970	2026337	27.96%	2.628%
26	11.299	1425	1430	1438	rBV5	14112	31976	0.44%	0.041%
27	11.628	1478	1486	1490	rBV7	10163	18686	0.26%	0.024%
28	11.704	1494	1499	1506	rVB6	14270	30558	0.42%	0.040%
29	11.857	1519	1525	1531	rVB2	24683	42244	0.58%	0.055%
30	11.934	1534	1538	1544	rVB5	11784	21541	0.30%	0.028%
31	12.146	1568	1574	1580	rVV3	8942	16622	0.23%	0.022%
32	12.681	1661	1665	1670	rVB4	8877	16844	0.23%	0.022%
33	12.745	1673	1676	1683	rVB5	8696	14016	0.19%	0.018%
34	12.863	1692	1696	1703	rVB8	8449	14913	0.21%	0.019%

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35	12.975	1711	1715	1722	rVB6	25702	43018	0.59%	0.056%
36	13.463	1792	1798	1802	rBV5	17676	31377	0.43%	0.041%
37	13.516	1802	1807	1809	rVV6	8272	12281	0.17%	0.016%
38	13.557	1809	1814	1819	rVV	2395263	3416694	47.15%	4.431%
39	13.604	1819	1822	1832	rVV	671029	1015480	14.01%	1.317%
40	13.692	1832	1837	1846	rVB8	14464	30796	0.42%	0.040%
41	13.828	1853	1860	1873	rBV	2891729	4373897	60.36%	5.672%
42	14.069	1895	1901	1906	rVB3	27166	39835	0.55%	0.052%
43	14.139	1906	1913	1923	rBV	2038899	3070923	42.38%	3.983%
44	14.375	1946	1953	1973	rBV	586394	1272919	17.57%	1.651%
45	14.551	1978	1983	1985	rBV4	23700	35563	0.49%	0.046%
46	14.581	1985	1988	1994	rVB2	101613	146437	2.02%	0.190%
47	14.692	2003	2007	2012	rVB5	13362	24077	0.33%	0.031%
48	14.769	2016	2020	2025	rVV8	17157	31925	0.44%	0.041%
49	14.822	2025	2029	2034	rVB4	18305	25171	0.35%	0.033%
50	14.939	2045	2049	2052	rVV4	10910	16722	0.23%	0.022%
51	14.969	2052	2054	2060	rVB4	13221	19610	0.27%	0.025%
52	15.028	2060	2064	2067	rBV	32459	41963	0.58%	0.054%
53	15.139	2077	2083	2090	rBV	3923857	5417950	74.76%	7.026%
54	15.281	2102	2107	2120	rBV	904719	1336291	18.44%	1.733%
55	15.381	2120	2124	2128	rVB	46669	60661	0.84%	0.079%
56	15.498	2138	2144	2147	rBV6	9829	17965	0.25%	0.023%
57	15.581	2153	2158	2162	rBV5	15167	28587	0.39%	0.037%
58	15.628	2162	2166	2173	rVV8	19621	40833	0.56%	0.053%
59	15.722	2175	2182	2189	rBV8	11158	31697	0.44%	0.041%
60	15.892	2205	2211	2214	rBV3	37630	61245	0.85%	0.079%
61	16.063	2235	2240	2243	rBV6	10146	15209	0.21%	0.020%
62	16.139	2249	2253	2258	rBV	33373	47069	0.65%	0.061%
63	16.210	2262	2265	2269	rVV6	8088	13097	0.18%	0.017%
64	16.257	2269	2273	2276	rVB3	19708	26583	0.37%	0.034%
65	16.298	2276	2280	2284	rBV3	16876	22409	0.31%	0.029%
66	16.475	2306	2310	2314	rVB6	11556	15085	0.21%	0.020%
67	16.563	2320	2325	2326	rBV4	12898	18209	0.25%	0.024%
68	16.633	2334	2337	2342	rVB6	10825	14781	0.20%	0.019%
69	16.680	2342	2345	2349	rBV	43915	53603	0.74%	0.070%
70	16.892	2375	2381	2386	rBV	2469683	3441160	47.48%	4.463%
71	16.928	2386	2387	2392	rVV	68388	81361	1.12%	0.106%

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72	16.992	2392	2398	2412	rVV	3974759	5675804	78.32%	7.361%
73	17.104	2414	2417	2421	rVB5	21248	32002	0.44%	0.042%
74	17.422	2467	2471	2474	rBV	27500	32865	0.45%	0.043%
75	17.775	2527	2531	2534	rBV2	25926	38408	0.53%	0.050%
76	17.816	2534	2538	2547	rVV2	238206	360254	4.97%	0.467%
77	17.957	2558	2562	2566	rVV2	34343	50046	0.69%	0.065%
78	18.004	2566	2570	2576	rVB3	26000	41454	0.57%	0.054%
79	18.116	2585	2589	2594	rBV5	32003	53978	0.74%	0.070%
80	18.280	2613	2617	2623	rBV7	23372	41952	0.58%	0.054%
81	18.527	2656	2659	2663	rVB6	11976	15490	0.21%	0.020%
82	18.580	2664	2668	2671	rBV6	17640	29954	0.41%	0.039%
83	18.698	2684	2688	2694	rBV2	35810	57378	0.79%	0.074%
84	18.757	2694	2698	2702	rVV3	49028	65192	0.90%	0.085%
85	18.792	2702	2704	2708	rVB4	13673	14123	0.19%	0.018%
86	18.933	2724	2728	2730	rBV	41728	57388	0.79%	0.074%
87	18.963	2730	2733	2740	rVB2	83673	122074	1.68%	0.158%
88	19.110	2755	2758	2763	rBV4	58653	71728	0.99%	0.093%
89	19.186	2767	2771	2778	rVB	39264	61169	0.84%	0.079%
90	19.298	2784	2790	2802	rBV	5109772	6858933	94.65%	8.895%
91	19.880	2886	2889	2894	rVB2	68420	73555	1.01%	0.095%
92	20.380	2971	2974	2978	rVB2	88662	87585	1.21%	0.114%
93	20.845	3049	3053	3061	rBV	570490	805420	11.11%	1.045%
94	21.098	3091	3096	3102	rBV	2976187	4026422	55.56%	5.222%
95	21.280	3124	3127	3131	rBV	204377	242088	3.34%	0.314%
96	21.704	3196	3199	3206	rBV	267843	387890	5.35%	0.503%
97	22.145	3271	3274	3279	rVB	296018	350669	4.84%	0.455%
98	22.627	3353	3356	3362	rVB	366326	478621	6.60%	0.621%
99	23.110	3432	3438	3444	rBV	4336501	7246867	100.00%	9.398%
100	23.239	3455	3460	3474	rVB	2423343	4442727	61.31%	5.762%

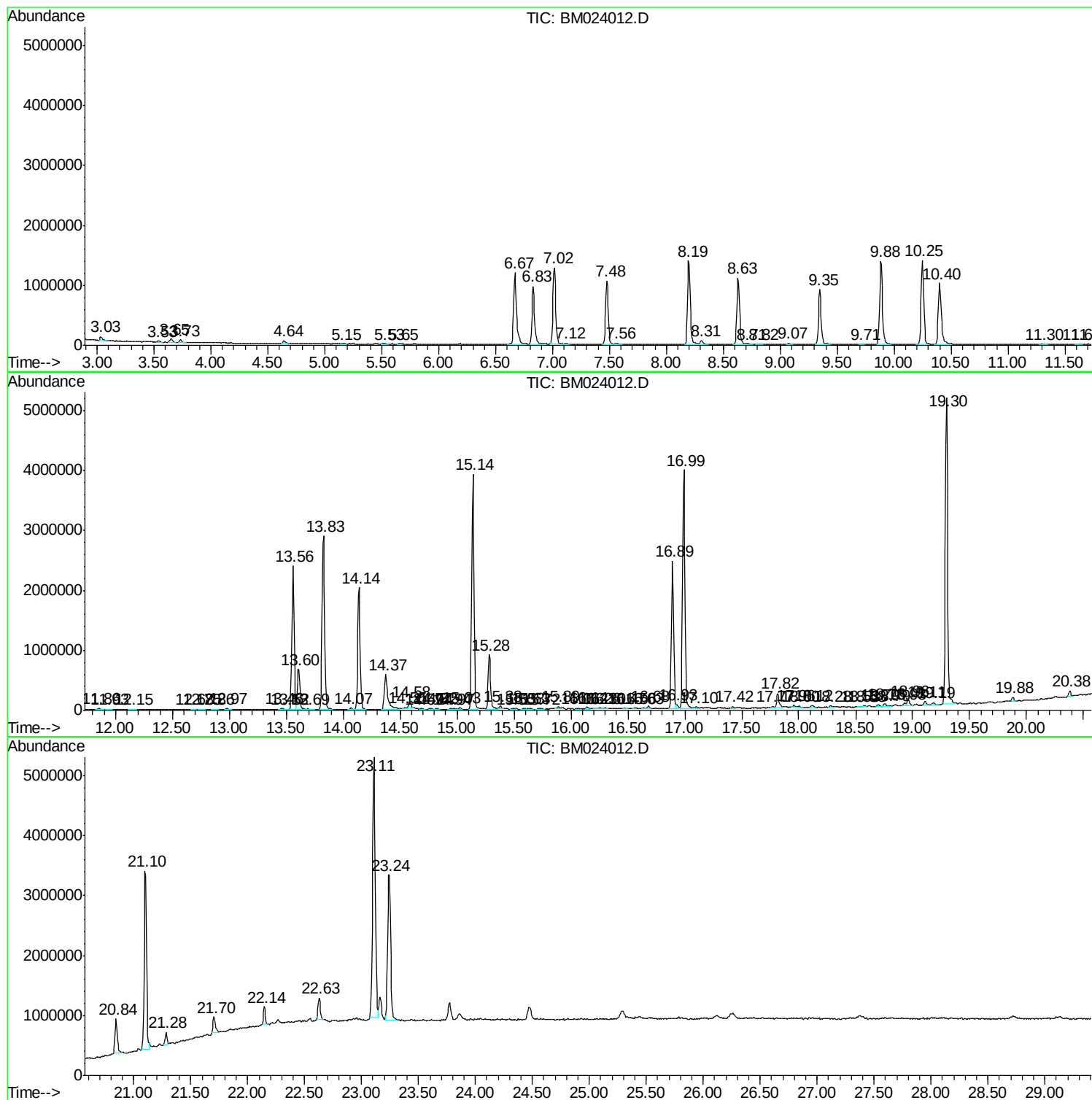
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Quant Title : SVOA CALIBRATION

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



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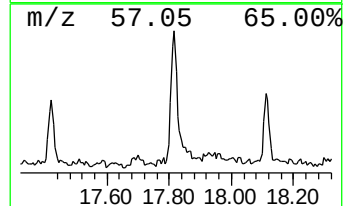
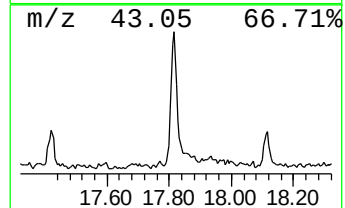
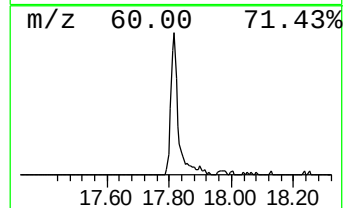
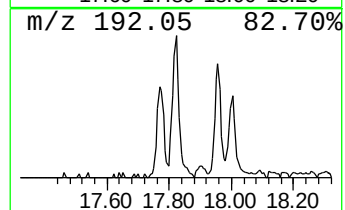
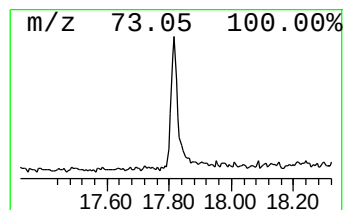
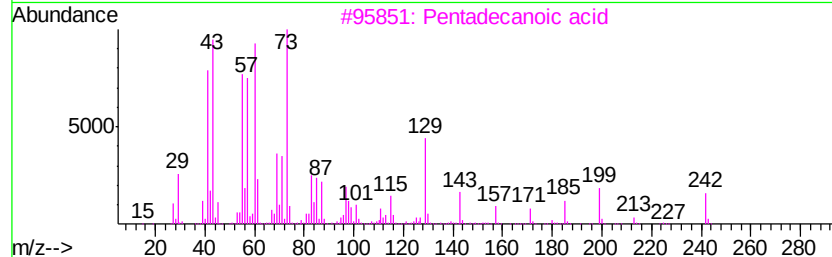
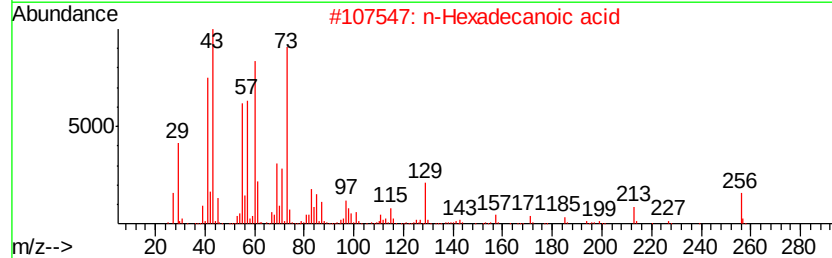
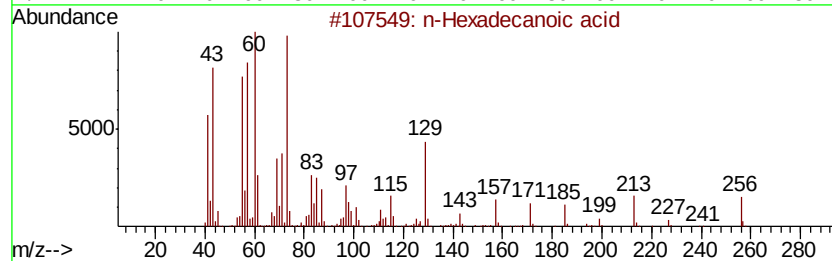
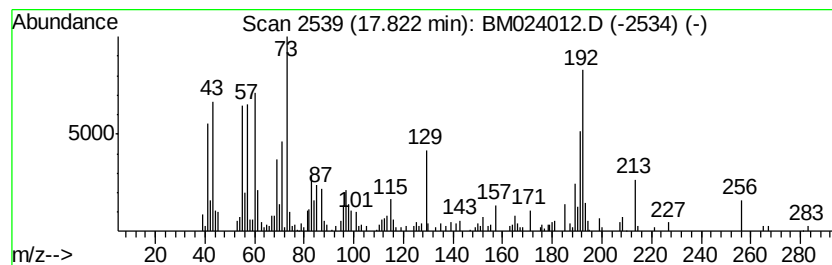
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	2.09 ng/ul	360254	Phenanthrene-d10	16.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50



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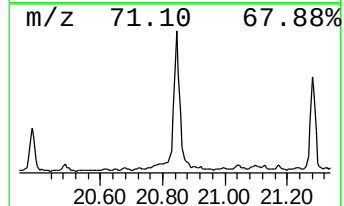
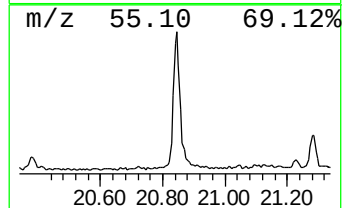
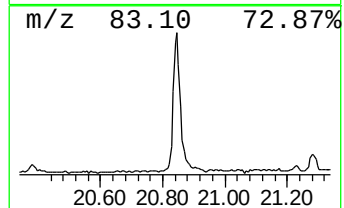
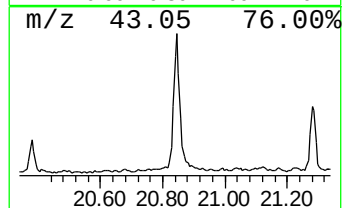
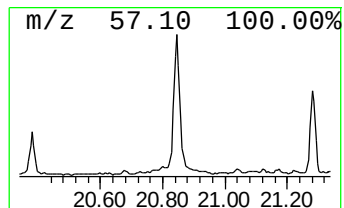
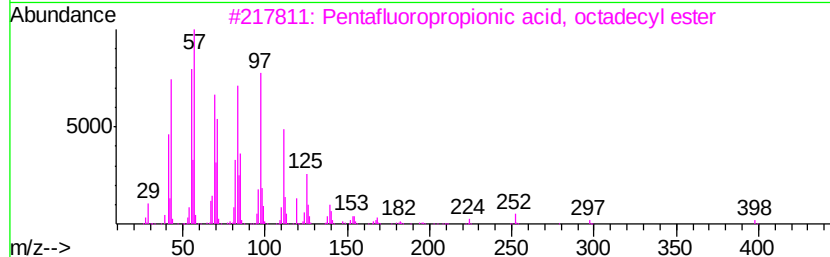
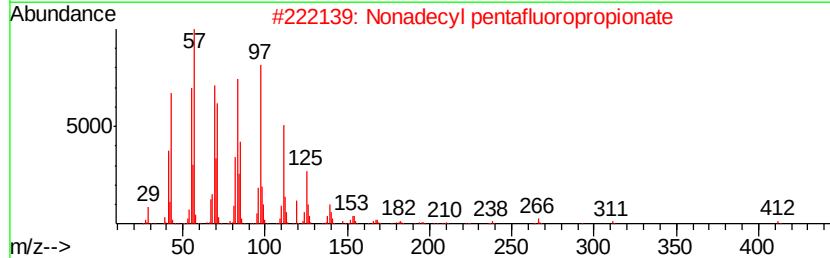
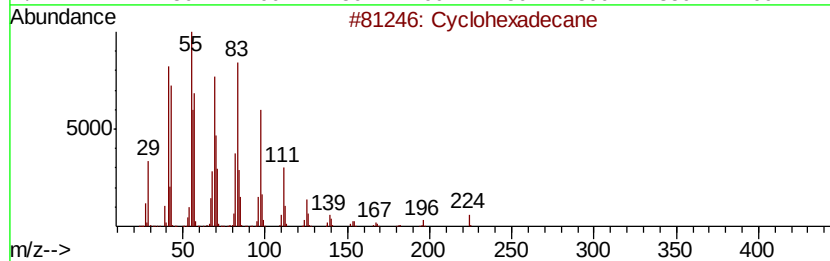
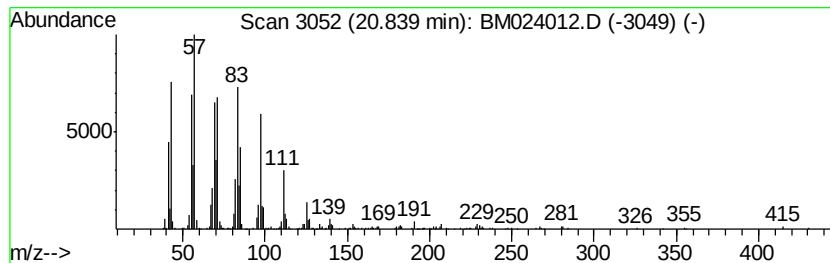
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.84 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.84	4.00 ng/ul	805420	Chrysene-d12	21.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	97
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87



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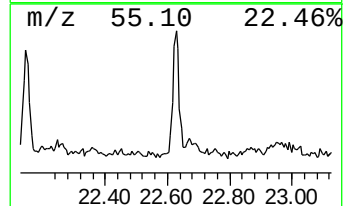
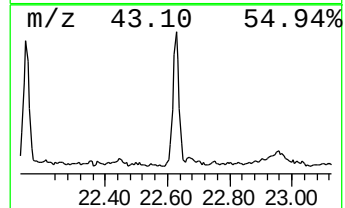
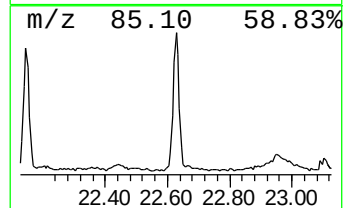
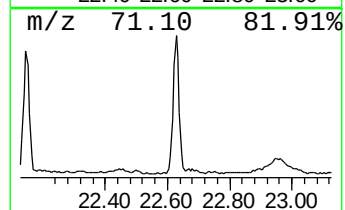
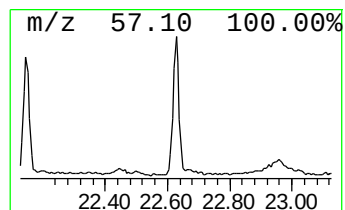
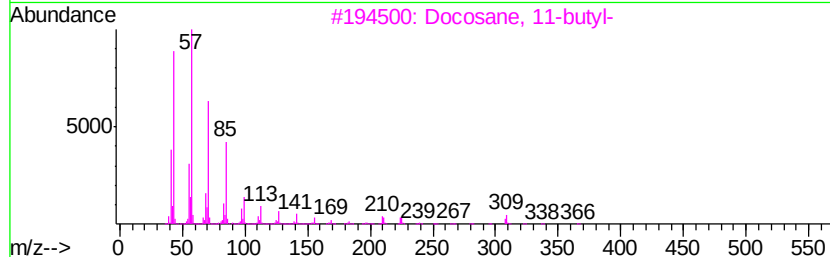
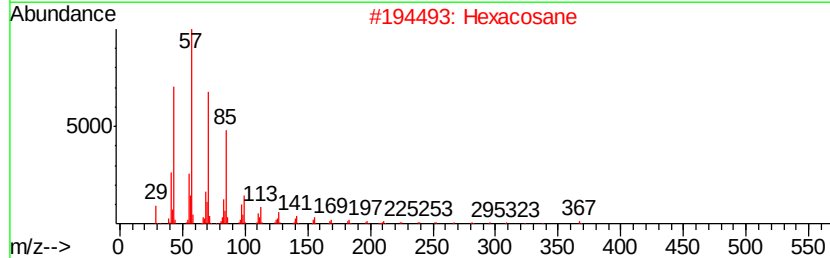
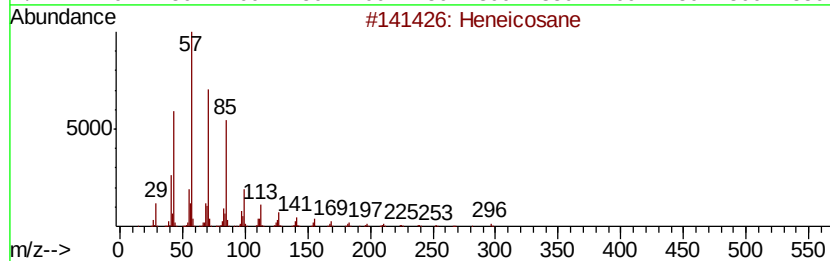
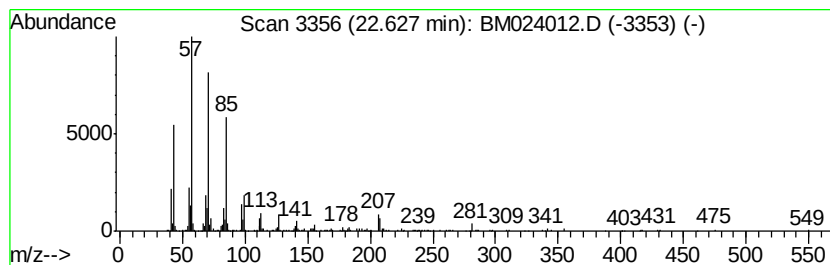
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.15 ng/ul	478621	Perylene-d12	23.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296	C21H44	000629-94-7 90
2	Hexacosane	366	C26H54	000630-01-3 90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8 87
4	Octacosane	394	C28H58	000630-02-4 87
5	10-Methylnonadecane	282	C20H42	056862-62-5 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120619\
Data File : BM024012.D
Acq On : 06 Dec 2019 12:43
Operator : JU
Sample : K6007-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BK9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
n-Hexadecanoic acid	17.82	2.1	ng/ul	360254	4	16.89	3441160	20.0
(DEL) Alkane: Cyc...	20.84	4.0	ng/ul	805420	5	21.10	4026420	20.0
(DEL) Alkane: Str...	22.63	2.1	ng/ul	478621	6	23.24	4442730	20.0