

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024330.D
 Acq On : 13 Oct 2016 21:08
 Operator : UM/SJ
 Sample : H5166-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNK4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	3.650	132	138	144	rBV3	49177	80014	1.41%	0.114%
2	3.768	154	158	162	rBV7	6776	13021	0.23%	0.018%
3	3.921	179	184	195	rBV2	41837	73589	1.30%	0.105%
4	4.044	204	205	211	rVB4	11298	16792	0.30%	0.024%
5	4.085	211	212	218	rVB5	13288	15326	0.27%	0.022%
6	4.420	263	269	275	rVB9	18131	40777	0.72%	0.058%
7	4.637	302	306	308	rBV5	11366	15526	0.27%	0.022%
8	4.726	319	321	327	rBV7	11023	24556	0.43%	0.035%
9	4.867	339	345	346	rVB3	12874	16591	0.29%	0.024%
10	5.031	367	373	377	rBV8	10677	22853	0.40%	0.032%
11	5.354	421	428	433	rBV6	19335	44107	0.78%	0.063%
12	5.472	442	448	449	rBV5	7970	14985	0.26%	0.021%
13	5.748	494	495	499	rBV3	9012	12740	0.22%	0.018%
14	6.018	537	541	543	rBV3	9389	13807	0.24%	0.020%
15	6.341	591	596	600	rVV7	9978	16436	0.29%	0.023%
16	6.471	613	618	623	rVV7	11648	17240	0.30%	0.024%
17	7.158	732	735	738	rVB4	10466	14559	0.26%	0.021%
18	7.205	738	743	749	rBV5	15505	39752	0.70%	0.056%
19	7.264	749	753	757	rBV5	13955	15527	0.27%	0.022%
20	7.311	757	761	766	rVB8	9754	14628	0.26%	0.021%
21	7.416	770	779	789	rBV	1044851	1855973	32.70%	2.636%
22	7.604	803	811	822	rBV	699554	1212461	21.36%	1.722%
23	7.699	823	827	830	rVB5	10991	12616	0.22%	0.018%
24	7.810	837	846	857	rBV	992913	1729696	30.47%	2.457%
25	8.286	920	927	938	rBV2	738604	1351385	23.81%	1.919%
26	8.556	972	973	977	rVB4	12699	12692	0.22%	0.018%
27	8.597	977	980	982	rBV4	13643	14193	0.25%	0.020%
28	8.780	1008	1011	1017	rVV7	10229	19501	0.34%	0.028%
29	8.973	1036	1044	1053	rVV2	1259743	2231533	39.31%	3.170%
30	9.214	1082	1085	1088	rVB5	10812	13673	0.24%	0.019%
31	9.273	1088	1095	1098	rBV6	8216	19493	0.34%	0.028%
32	9.461	1117	1127	1145	rVV2	983250	1885536	33.22%	2.678%
33	9.825	1186	1189	1195	rVB7	12237	15752	0.28%	0.022%
34	10.184	1241	1250	1264	rVB2	879730	1685000	29.68%	2.393%

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35	10.284	1264	1267	1270	rBV3	9768	16837	0.30%	0.024%
36	10.719	1333	1341	1352	rVB2	1297915	2355675	41.50%	3.346%
37	10.801	1352	1355	1363	rBV10	10446	18120	0.32%	0.026%
38	11.118	1401	1409	1420	rVB	1128792	2075729	36.57%	2.948%
39	11.241	1420	1430	1446	rBV	1162278	2256496	39.75%	3.205%
40	11.529	1477	1479	1484	rBV6	8112	13381	0.24%	0.019%
41	12.264	1599	1604	1606	rVB6	8230	12653	0.22%	0.018%
42	12.452	1631	1636	1638	rBV4	10474	12750	0.22%	0.018%
43	12.569	1648	1656	1659	rVV8	11932	22779	0.40%	0.032%
44	12.616	1659	1664	1666	rVV5	11332	16047	0.28%	0.023%
45	12.675	1666	1674	1682	rVB9	30970	75367	1.33%	0.107%
46	12.916	1713	1715	1723	rVB7	8132	15444	0.27%	0.022%
47	13.263	1769	1774	1778	rBV7	10587	18932	0.33%	0.027%
48	13.498	1811	1814	1818	rBV5	14554	22904	0.40%	0.033%
49	13.703	1844	1849	1854	rVB6	11244	15806	0.28%	0.022%
50	13.774	1854	1861	1866	rBV4	48377	83664	1.47%	0.119%
51	14.009	1897	1901	1907	rBV8	11942	24793	0.44%	0.035%
52	14.297	1939	1950	1954	rBV	2156632	3365835	59.29%	4.781%
53	14.344	1954	1958	1966	rVB	1157880	1626000	28.64%	2.309%
54	14.502	1983	1985	1990	rBV6	16916	21361	0.38%	0.030%
55	14.602	1994	2002	2013	rBV	2281822	3767015	66.36%	5.350%
56	14.761	2023	2029	2035	rVB9	17741	29932	0.53%	0.043%
57	14.902	2043	2053	2062	rBV	1903804	3043911	53.62%	4.323%
58	15.066	2072	2081	2096	rBV	1081400	1802419	31.75%	2.560%
59	15.213	2101	2106	2110	rVV7	11807	25631	0.45%	0.036%
60	15.266	2110	2115	2119	rVV7	21701	39237	0.69%	0.056%
61	15.372	2128	2133	2138	rBV8	9385	15791	0.28%	0.022%
62	15.666	2178	2183	2185	rBV5	13569	21597	0.38%	0.031%
63	15.701	2185	2189	2194	rVV3	56030	83091	1.46%	0.118%
64	15.748	2194	2197	2203	rVB8	10524	23839	0.42%	0.034%
65	15.807	2205	2207	2211	rBV5	12480	15413	0.27%	0.022%
66	15.889	2211	2221	2229	rVV	3090815	4812859	84.79%	6.836%
67	15.989	2231	2238	2246	rBV	1118923	1698532	29.92%	2.413%
68	16.124	2251	2261	2271	rVB10	45549	122494	2.16%	0.174%
69	16.194	2271	2273	2278	rBV6	11505	13909	0.25%	0.020%
70	16.253	2280	2283	2289	rVB7	9649	18616	0.33%	0.026%
71	16.324	2293	2295	2300	rBV5	13088	16353	0.29%	0.023%

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72	16.453	2314	2317	2322	rVB7	11858	22157	0.39%	0.031%
73	16.494	2322	2324	2328	rBV5	8759	13159	0.23%	0.019%
74	16.565	2330	2336	2345	rBV	86918	174675	3.08%	0.248%
75	16.664	2350	2353	2355	rVB4	19844	16290	0.29%	0.023%
76	16.829	2377	2381	2382	rBV4	12051	13299	0.23%	0.019%
77	16.899	2390	2393	2397	rVB5	13824	23617	0.42%	0.034%
78	16.994	2403	2409	2418	rVB5	26431	58831	1.04%	0.084%
79	17.070	2420	2422	2426	rVB5	13034	16005	0.28%	0.023%
80	17.135	2431	2433	2436	rBV4	9885	12591	0.22%	0.018%
81	17.352	2466	2470	2475	rVV2	88099	123050	2.17%	0.175%
82	17.399	2475	2478	2490	rVB8	25209	71777	1.26%	0.102%
83	17.640	2511	2519	2529	rBV	2103085	3414308	60.15%	4.850%
84	17.740	2529	2536	2547	rVB2	3014235	4884403	86.05%	6.938%
85	18.092	2592	2596	2601	rBV3	68276	80919	1.43%	0.115%
86	18.362	2634	2642	2648	rBV3	44157	79847	1.41%	0.113%
87	18.486	2657	2663	2674	rBV2	374673	581013	10.24%	0.825%
88	18.668	2692	2694	2698	rVB5	22912	21523	0.38%	0.031%
89	18.774	2710	2712	2716	rBV5	14331	17298	0.30%	0.025%
90	19.338	2806	2808	2813	rBV6	15232	24766	0.44%	0.035%
91	19.561	2842	2846	2848	rBV5	23282	31205	0.55%	0.044%
92	19.643	2850	2860	2866	rBV6	63376	202192	3.56%	0.287%
93	19.743	2873	2877	2887	rBV2	174823	231862	4.08%	0.329%
94	19.902	2899	2904	2909	rBV3	41647	66408	1.17%	0.094%
95	20.013	2916	2923	2936	rVB	3568686	5676461	100.00%	8.063%
96	21.523	3176	3180	3190	rBV5	249142	449031	7.91%	0.638%
97	21.941	3244	3251	3259	rVB	2267884	3928878	69.21%	5.580%
98	23.697	3544	3550	3557	rVB2	276773	529153	9.32%	0.752%
99	25.149	3785	3797	3810	rVB2	1765025	5445060	95.92%	7.734%
100	25.384	3827	3837	3852	rVB2	1314101	3991849	70.32%	5.670%

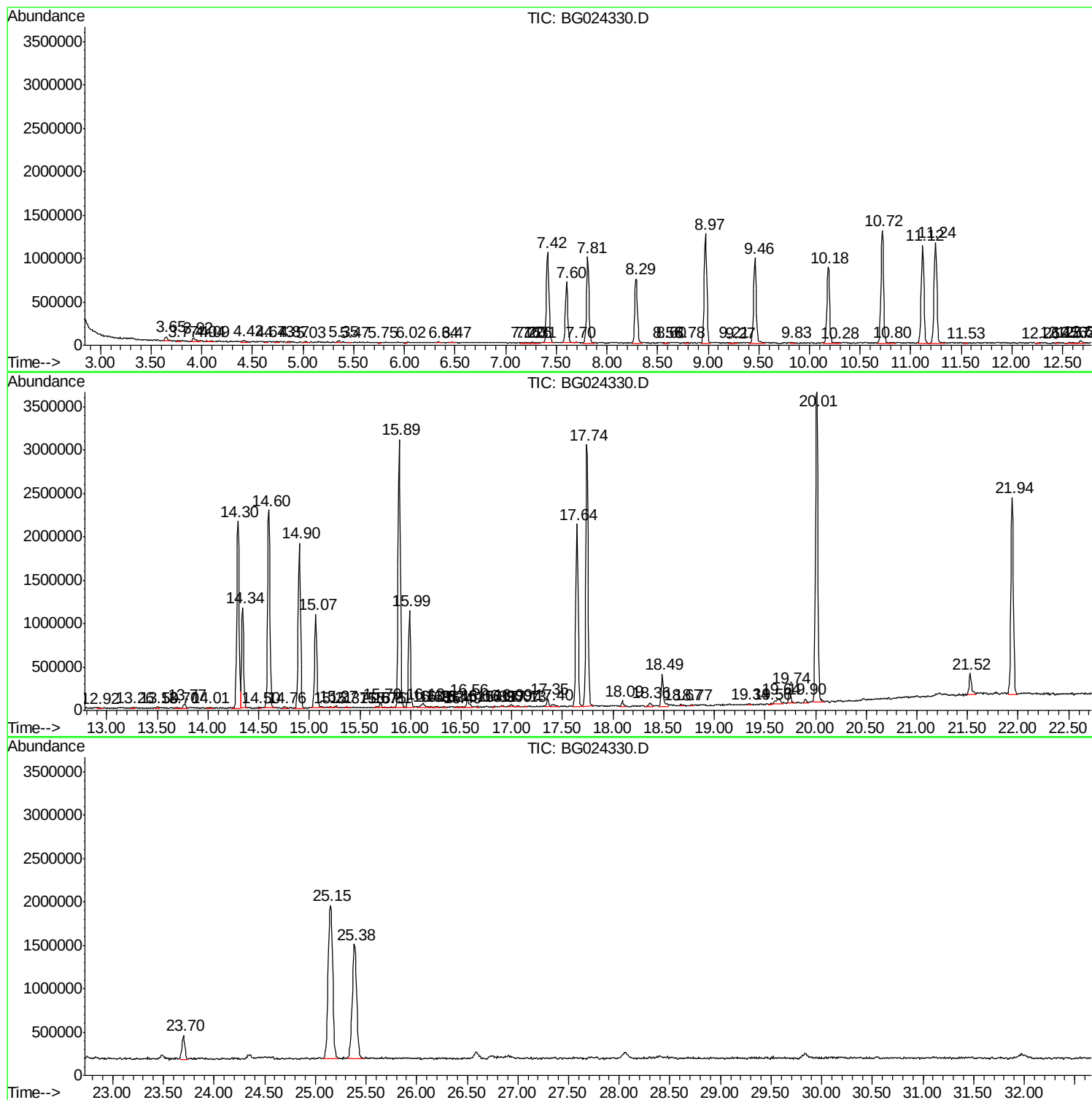
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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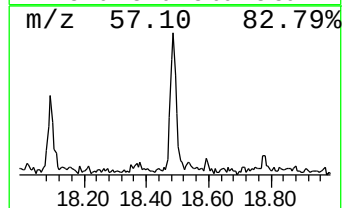
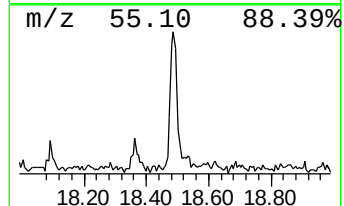
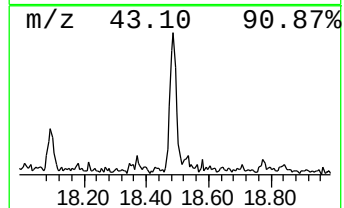
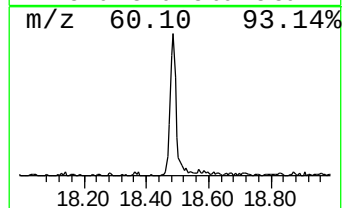
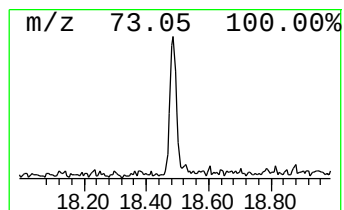
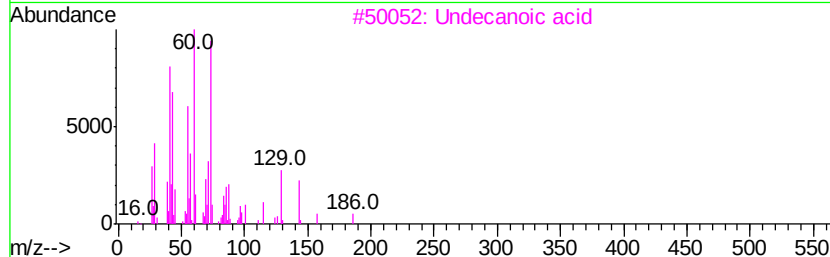
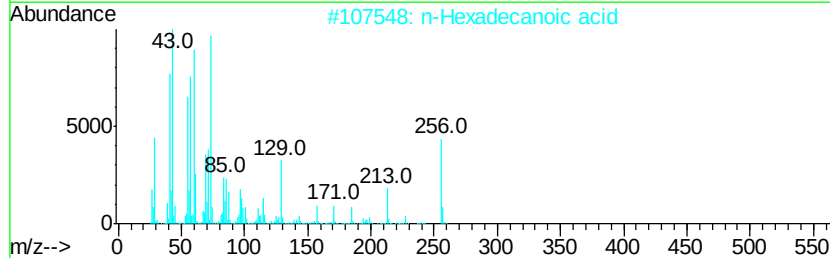
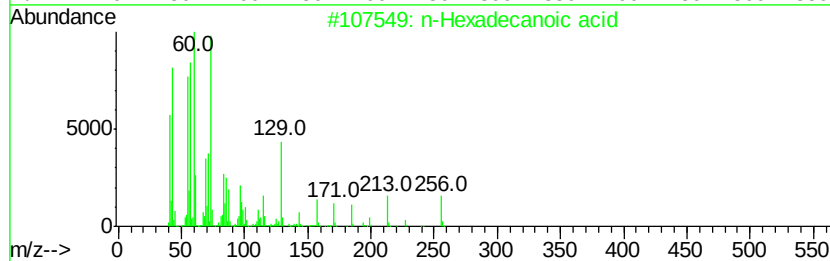
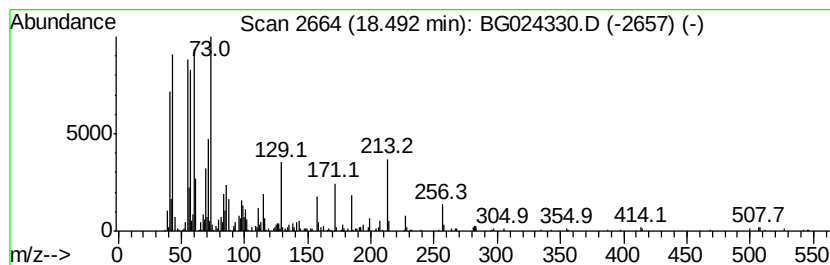
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.40 ng/ul	581013	Phenanthrene-d10	17.64

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	98	
3	Undecanoic acid	186	C11H22O2	000112-37-8	89	
4	Undecanoic acid	186	C11H22O2	000112-37-8	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	



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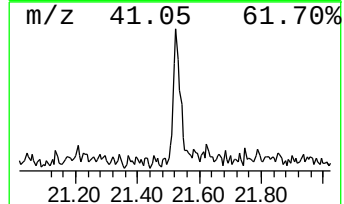
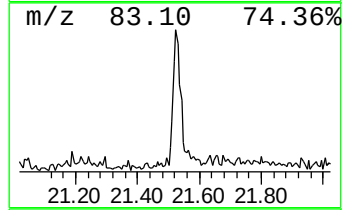
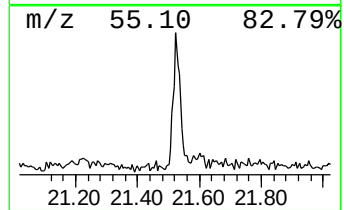
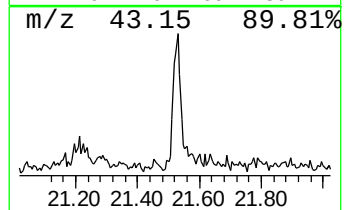
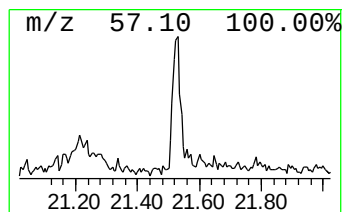
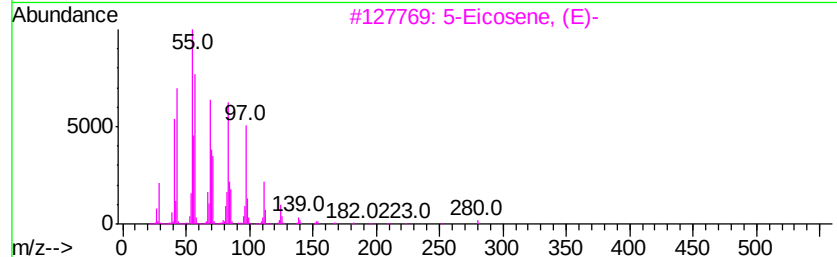
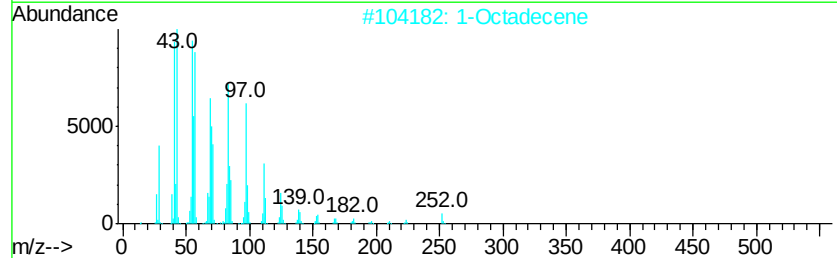
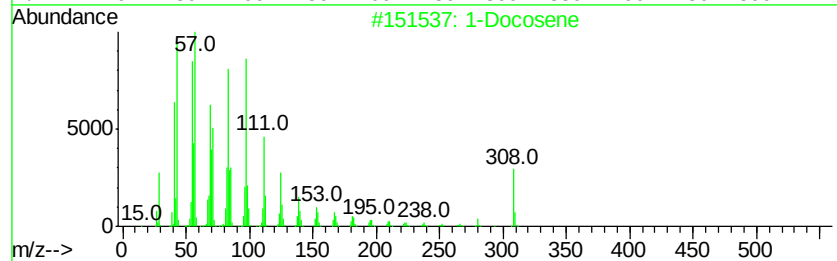
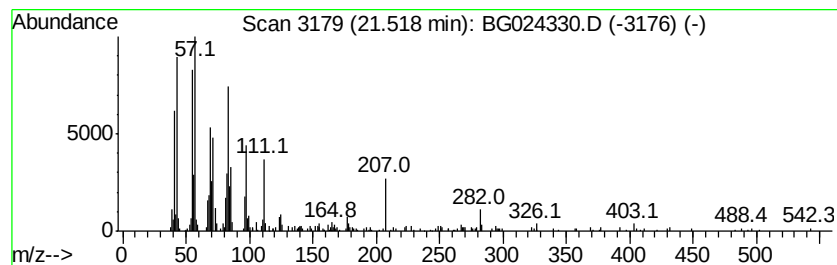
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.29 ng/ul	449031	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Octadecene	252	C18H36	000112-88-9	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4		Cetene	224	C16H32	000629-73-2	81
5		1-Docosene	308	C22H44	001599-67-3	81



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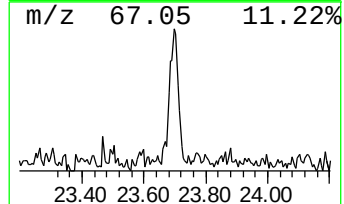
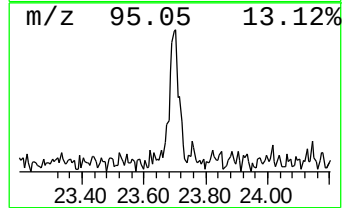
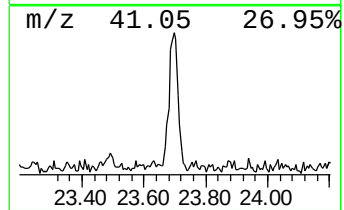
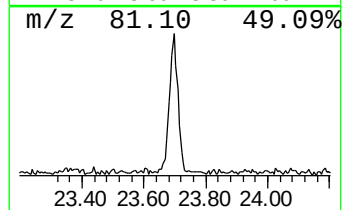
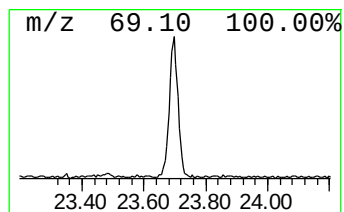
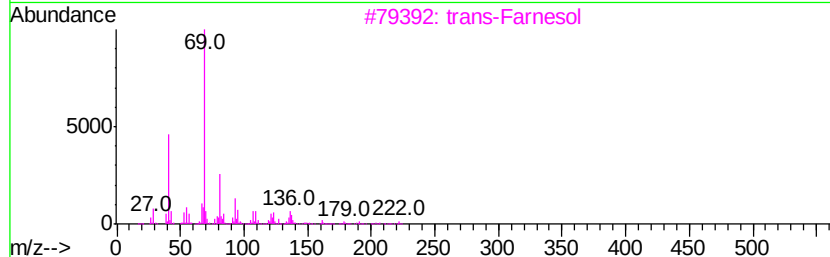
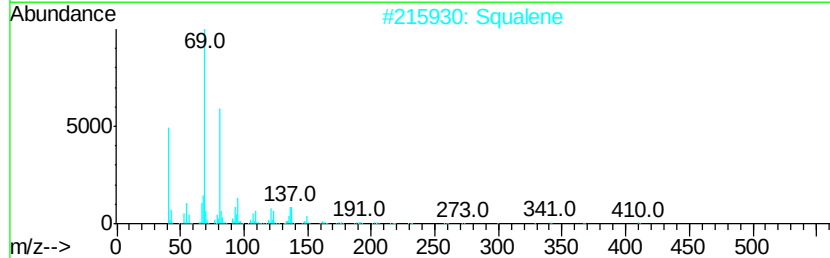
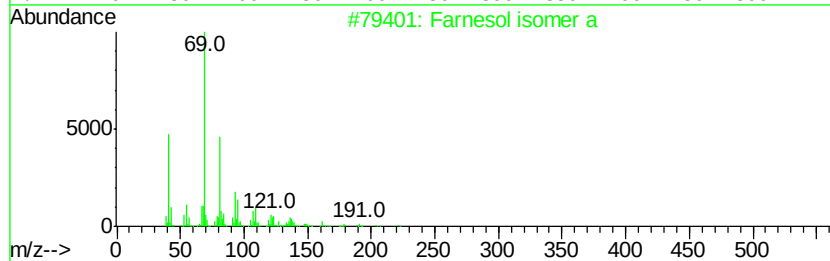
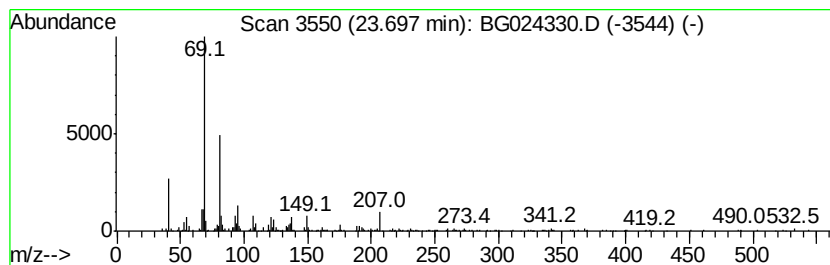
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Peak Number 3 Farnesol isomer a Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	2.65 ng/ul	529153	Perylene-d12	25.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Farnesol isomer a	222	C15H26O	1000108-92-4	76	
2	Squalene	410	C30H50	000111-02-4	68	
3	trans-Farnesol	222	C15H26O	000106-28-5	64	
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	59	
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59	



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Sample : H5166-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNK4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	18.49	3.4	ng/ul	581013	4	17.64	3414310	20.0
(DEL) Alkane: Cyc...	21.52	2.3	ng/ul	449031	5	21.94	3928880	20.0
Farnesol isomer a	23.70	2.6	ng/ul	529153	6	25.39	3991850	20.0