

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019407.D
 Acq On : 25 Mar 2019 00:13
 Operator : JU/SJ
 Sample : K2031-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S6

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-BM032219MA.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	3.146	24	27	34	rBV	35237	51520	1.85%	0.167%
2	3.651	110	113	119	rVB	23400	28060	1.01%	0.091%
3	3.840	143	145	150	rVB5	5790	9304	0.33%	0.030%
4	4.404	236	241	244	rBV6	6905	10727	0.38%	0.035%
5	4.746	295	299	305	rBV	19956	28027	1.01%	0.091%
6	4.793	305	307	309	rBV2	5120	4332	0.16%	0.014%
7	5.410	410	412	419	rBV6	2975	4694	0.17%	0.015%
8	5.610	443	446	447	rBV2	4863	4201	0.15%	0.014%
9	6.692	625	630	634	rBV	7814	11756	0.42%	0.038%
10	6.792	641	647	662	rBV	212467	478144	17.15%	1.553%
11	6.957	669	675	690	rBV	188877	361987	12.99%	1.176%
12	7.139	700	706	714	rBV	281320	476313	17.09%	1.547%
13	7.245	721	724	728	rVB4	5524	7638	0.27%	0.025%
14	7.281	728	730	737	rVB4	2732	4424	0.16%	0.014%
15	7.604	778	785	793	rBV	482344	785933	28.20%	2.553%
16	7.669	793	796	807	rVB4	15432	35548	1.28%	0.115%
17	8.228	887	891	895	rVB5	4171	6208	0.22%	0.020%
18	8.322	901	907	924	rBV	257230	530395	19.03%	1.723%
19	8.451	924	929	938	rVV	27206	54749	1.96%	0.178%
20	8.775	978	984	997	rBV	226558	422787	15.17%	1.373%
21	9.104	1035	1040	1044	rVB2	8971	14061	0.50%	0.046%
22	9.492	1099	1106	1118	rBV	178667	339145	12.17%	1.102%
23	9.757	1142	1151	1154	rBV6	8398	20765	0.74%	0.067%
24	9.869	1166	1170	1175	rVB5	3653	6886	0.25%	0.022%
25	10.028	1190	1197	1214	rBV2	221575	528669	18.97%	1.717%
26	10.386	1251	1258	1267	rBV	658553	1112606	39.92%	3.614%
27	10.563	1282	1288	1307	rBV	99942	283843	10.18%	0.922%
28	10.851	1332	1337	1340	rBV4	3968	5795	0.21%	0.019%
29	11.374	1422	1426	1430	rBV4	3123	4934	0.18%	0.016%
30	11.798	1492	1498	1500	rBV4	4132	5754	0.21%	0.019%
31	11.939	1515	1522	1528	rBV	66524	127877	4.59%	0.415%
32	12.074	1541	1545	1549	rBV4	2396	4751	0.17%	0.015%
33	12.292	1576	1582	1583	rBV4	4604	6372	0.23%	0.021%
34	12.551	1619	1626	1629	rBV4	8536	17997	0.65%	0.058%

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35	12.763	1658	1662	1666	rVB3	5449	7852	0.28%	0.026%
36	12.851	1674	1677	1682	rBV4	4160	6463	0.23%	0.021%
37	13.057	1709	1712	1717	rBV2	4602	6343	0.23%	0.021%
38	13.298	1749	1753	1757	rBV4	7475	9442	0.34%	0.031%
39	13.486	1782	1785	1791	rVB5	3778	6218	0.22%	0.020%
40	13.680	1813	1818	1823	rBV	551180	816071	29.28%	2.651%
41	13.733	1823	1827	1837	rVB	127695	207295	7.44%	0.673%
42	13.816	1837	1841	1843	rBV4	3277	4526	0.16%	0.015%
43	13.957	1855	1865	1877	rVV	675120	1011245	36.28%	3.285%
44	14.080	1882	1886	1891	rVB6	6273	11804	0.42%	0.038%
45	14.151	1891	1898	1904	rBV5	10248	17608	0.63%	0.057%
46	14.216	1904	1909	1911	rVB4	5046	7100	0.25%	0.023%
47	14.263	1911	1917	1925	rBV2	994966	1502378	53.90%	4.880%
48	14.327	1925	1928	1933	rVB2	21885	32431	1.16%	0.105%
49	14.521	1955	1961	1981	rBV	72293	253843	9.11%	0.825%
50	14.692	1984	1990	2001	rBV2	222119	342250	12.28%	1.112%
51	14.886	2019	2023	2024	rBV4	4703	4249	0.15%	0.014%
52	15.033	2043	2048	2049	rBV3	7751	9925	0.36%	0.032%
53	15.051	2049	2051	2055	rVV	21914	26906	0.97%	0.087%
54	15.104	2057	2060	2064	rVB3	15211	17385	0.62%	0.056%
55	15.151	2064	2068	2072	rVB5	10876	13448	0.48%	0.044%
56	15.262	2081	2087	2094	rBV	915190	1332076	47.79%	4.327%
57	15.321	2094	2097	2102	rVV3	27504	44563	1.60%	0.145%
58	15.404	2106	2111	2122	rBV	172766	295532	10.60%	0.960%
59	15.510	2124	2129	2135	rVB6	30136	55049	1.97%	0.179%
60	15.615	2144	2147	2150	rBV5	5525	6433	0.23%	0.021%
61	15.662	2152	2155	2162	rVB7	6111	10817	0.39%	0.035%
62	15.715	2162	2164	2169	rBV4	4563	6375	0.23%	0.021%
63	15.757	2169	2171	2172	rBV2	7274	4919	0.18%	0.016%
64	15.921	2196	2199	2202	rBV3	4338	5432	0.19%	0.018%
65	15.986	2203	2210	2214	rBV4	29536	63244	2.27%	0.205%
66	16.051	2219	2221	2225	rVB5	9084	7311	0.26%	0.024%
67	16.092	2225	2228	2232	rBV6	5297	9465	0.34%	0.031%
68	16.162	2237	2240	2243	rVV4	5849	8459	0.30%	0.027%
69	16.221	2247	2250	2253	rVB4	5843	7860	0.28%	0.026%
70	16.374	2273	2276	2279	rVB4	7671	8993	0.32%	0.029%
71	16.421	2280	2284	2289	rBV	51872	74883	2.69%	0.243%

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72	16.545	2301	2305	2310	rBV	27838	35794	1.28%	0.116%
73	16.686	2325	2329	2333	rVB4	12818	19751	0.71%	0.064%
74	16.786	2336	2346	2354	rBV	305084	449639	16.13%	1.461%
75	16.845	2354	2356	2360	rVB	18567	19422	0.70%	0.063%
76	16.892	2360	2364	2368	rBV	85411	102304	3.67%	0.332%
77	17.021	2378	2386	2390	rBV	1289784	1813636	65.07%	5.892%
78	17.062	2390	2393	2398	rVB	422963	537992	19.30%	1.748%
79	17.121	2398	2403	2407	rBV	964316	1364205	48.94%	4.432%
80	17.227	2419	2421	2428	rVB8	9356	11119	0.40%	0.036%
81	17.415	2450	2453	2455	rBV4	10758	15052	0.54%	0.049%
82	17.504	2466	2468	2470	rVB2	17546	14190	0.51%	0.046%
83	17.609	2484	2486	2491	rVB6	12275	17250	0.62%	0.056%
84	17.739	2504	2508	2513	rBV4	36104	60293	2.16%	0.196%
85	17.915	2531	2538	2542	rBV2	292494	466980	16.75%	1.517%
86	17.992	2548	2551	2554	rVB	40136	42313	1.52%	0.137%
87	18.092	2563	2568	2572	rBV2	89448	156603	5.62%	0.509%
88	19.086	2733	2737	2743	rVB	739448	989286	35.49%	3.214%
89	19.203	2753	2757	2770	rBV2	188595	362158	12.99%	1.176%
90	19.427	2790	2795	2798	rBV	1343192	1955736	70.16%	6.353%
91	19.456	2798	2800	2803	rVB	486286	505618	18.14%	1.642%
92	19.762	2849	2852	2855	rBV2	130146	152202	5.46%	0.494%
93	19.803	2855	2859	2863	rVB2	147095	183483	6.58%	0.596%
94	20.362	2950	2954	2958	rBV	1197127	1265306	45.39%	4.110%
95	20.739	3016	3018	3021	rVB2	82297	73388	2.63%	0.238%
96	20.933	3048	3051	3059	rVB4	268345	509873	18.29%	1.656%
97	21.133	3081	3085	3091	rVB	564958	630410	22.62%	2.048%
98	21.221	3094	3100	3104	rBV2	1929826	2787418	100.00%	9.055%
99	23.297	3448	3453	3458	rBV	1057886	1805323	64.77%	5.865%
100	23.438	3471	3477	3484	rBV	1289735	2384492	85.54%	7.746%

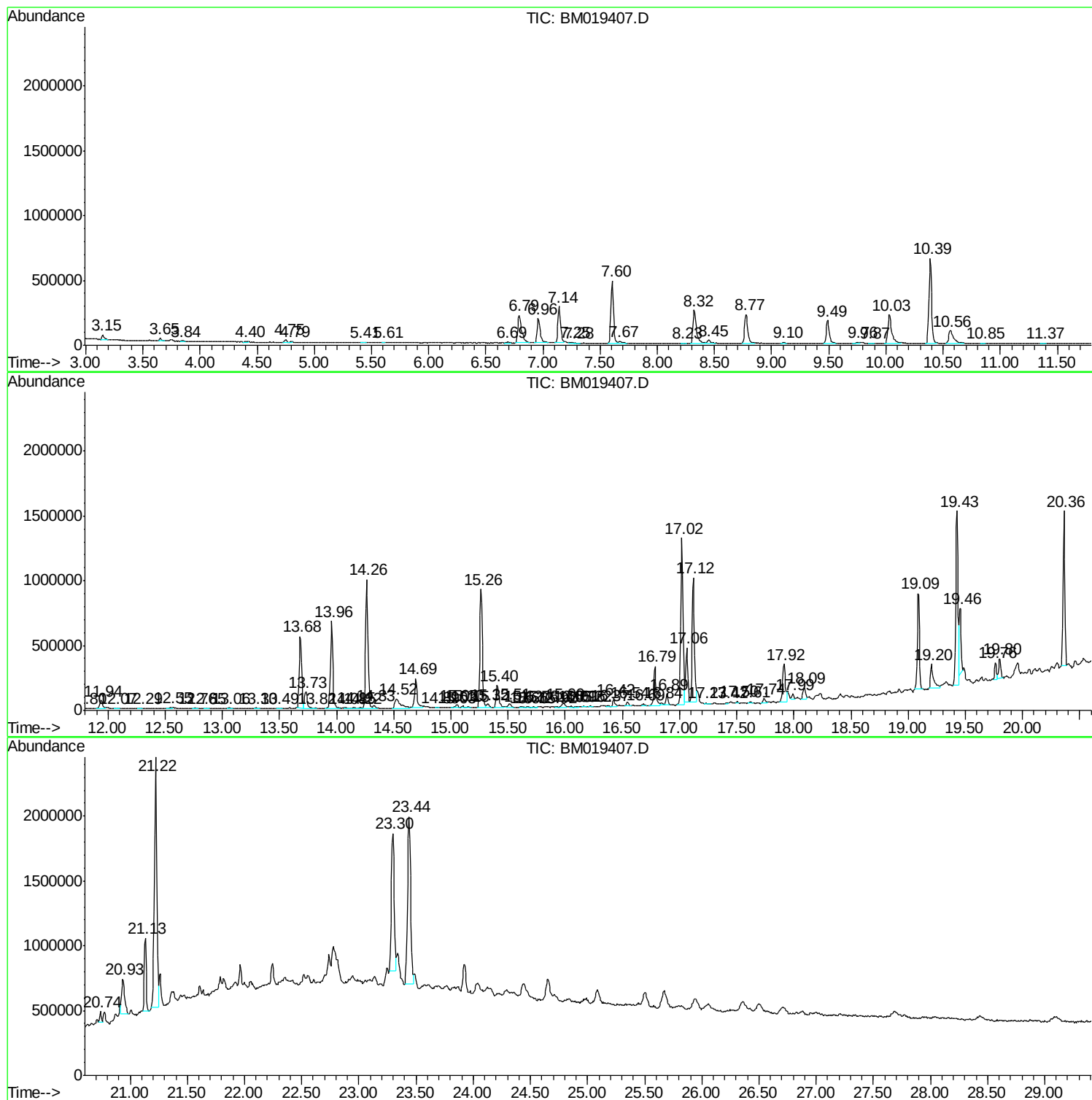
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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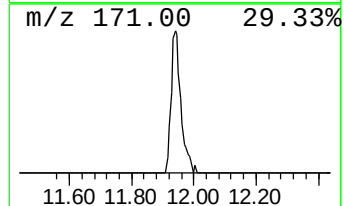
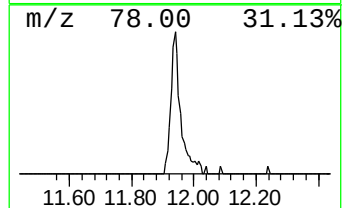
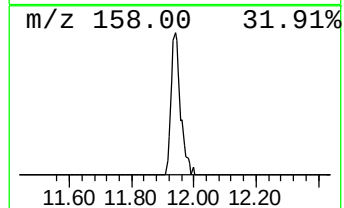
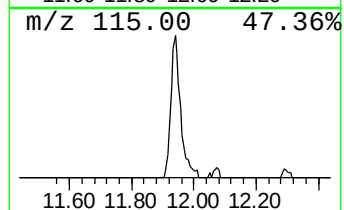
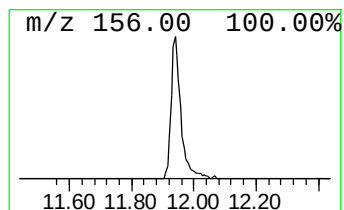
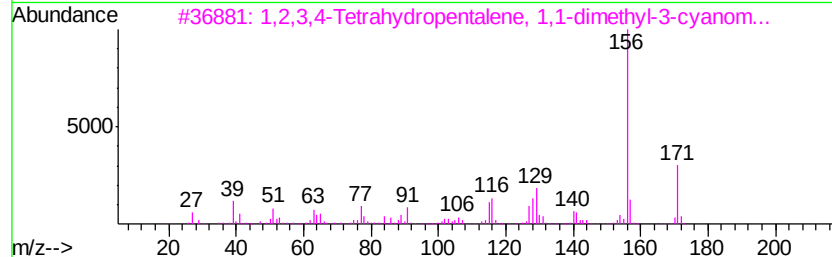
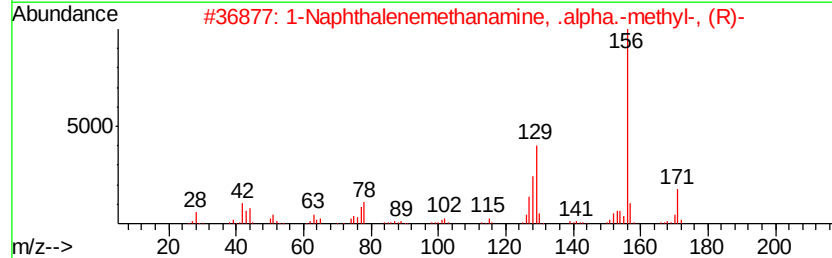
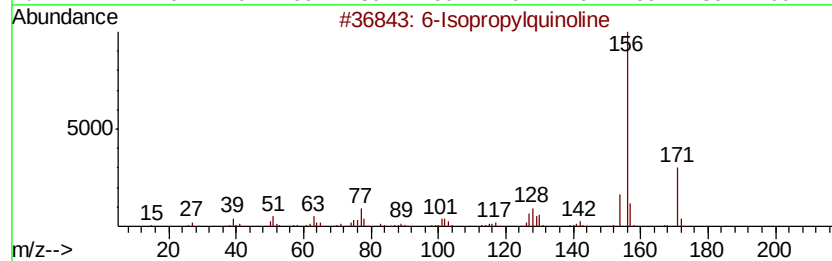
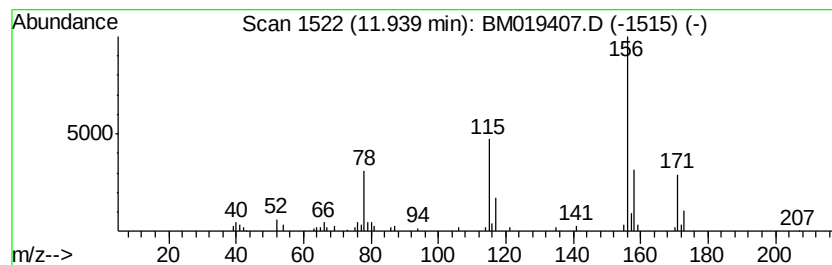
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.30 ng/ul	127877	Naphthalene-d8	10.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Isopropylquinoline	171 C12H13N	000135-79-5	38
2	1-Naphthalenemethanamine, .alpha...	171 C12H13N	003886-70-2	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171 C12H13N	1000217-18-6	37
4	2,2'-Bipyridine	156 C10H8N2	000366-18-7	35
5	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156 C7H5ClO2	007009-16-7	32



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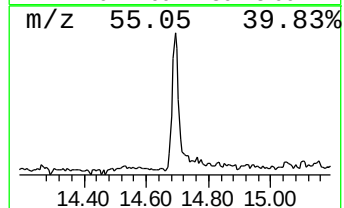
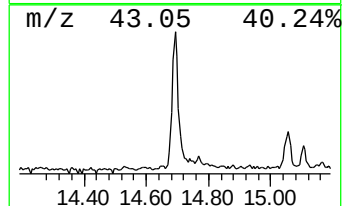
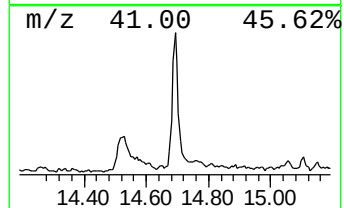
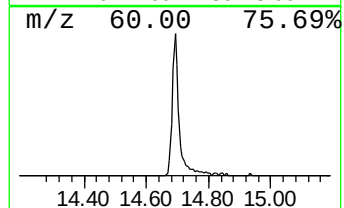
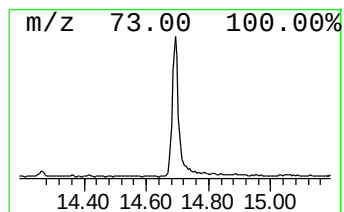
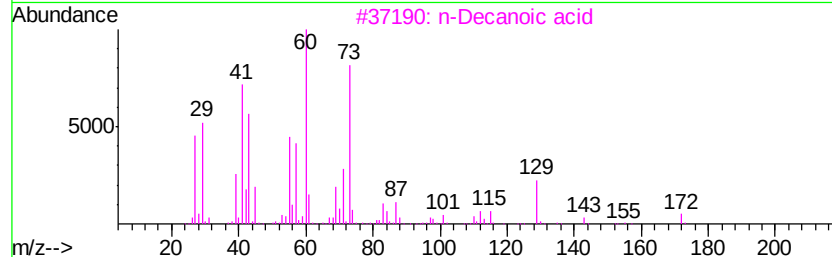
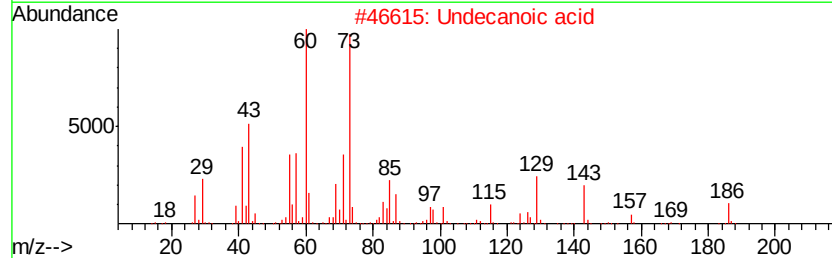
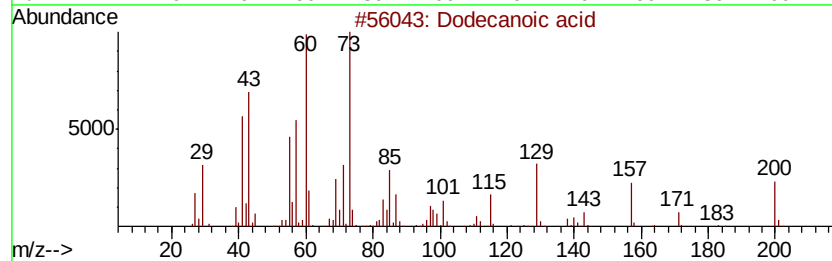
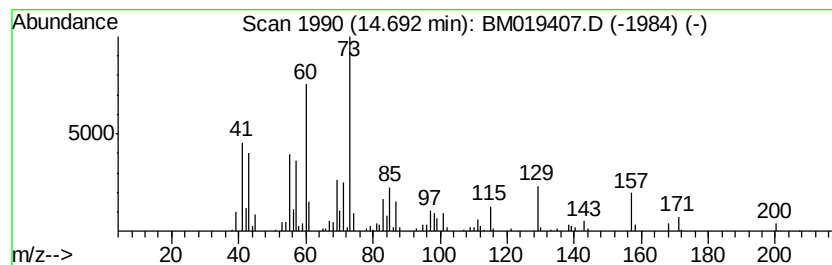
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.69	4.56 ng/ul	342250	Acenaphthene-d10	14.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	91
2	Undecanoic acid		186	C11H22O2	000112-37-8	86
3	n-Decanoic acid		172	C10H20O2	000334-48-5	68
4	Dodecanoic acid		200	C12H24O2	000143-07-7	60
5	D-Glucose, 4-O-.alpha.-D-glucopy...		342	C12H22O11	000069-79-4	53



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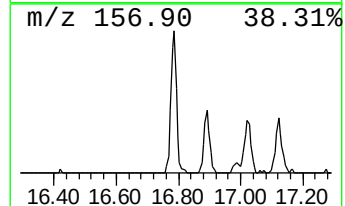
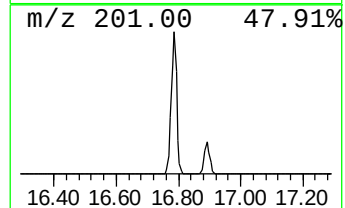
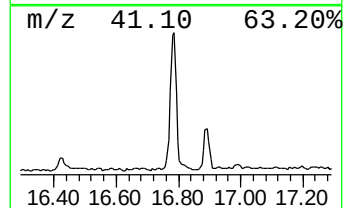
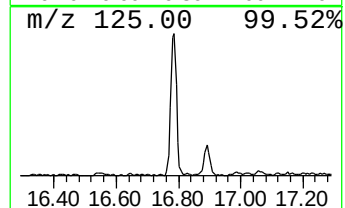
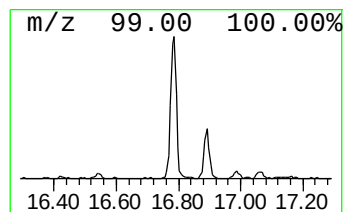
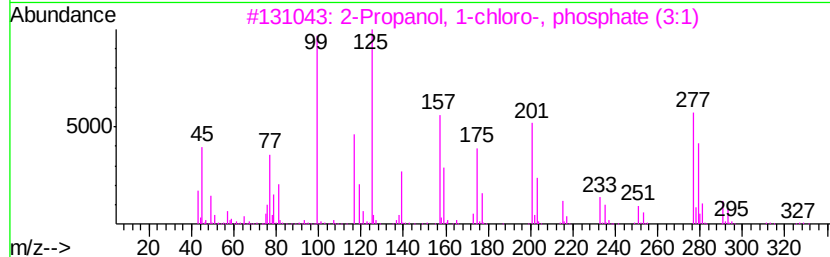
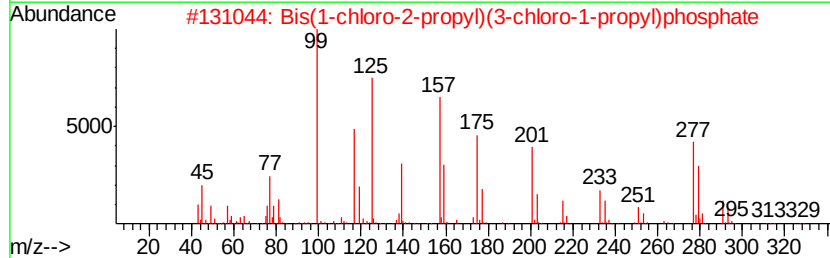
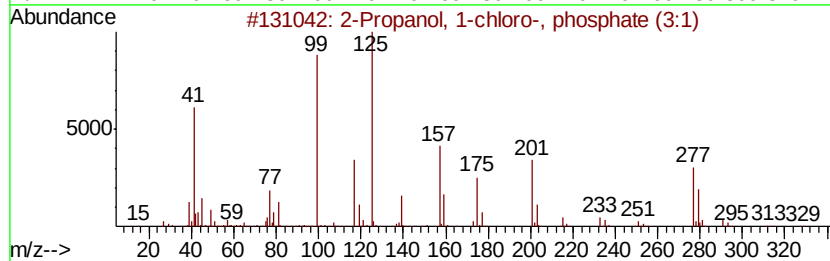
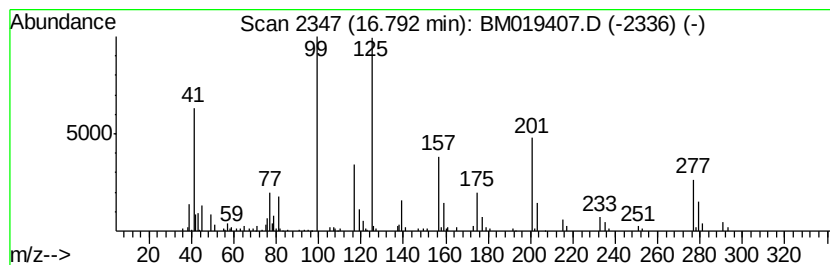
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Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.79	4.96 ng/ul	449639	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90	
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43	
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	37	
4	Sarin	140	C4H10FO2P	000107-44-8	23	
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	23	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019407.D
Acq On : 25 Mar 2019 00:13
Operator : JU/SJ
Sample : K2031-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

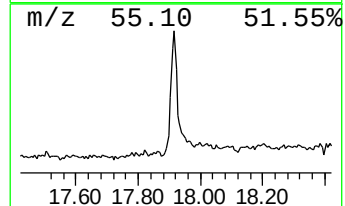
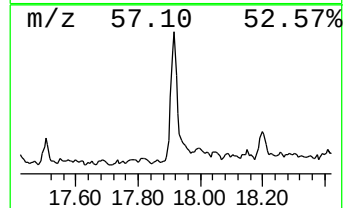
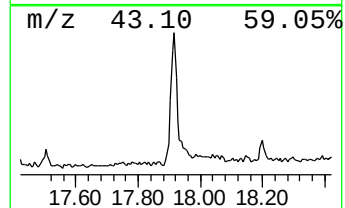
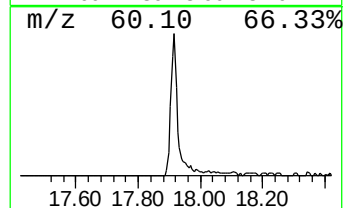
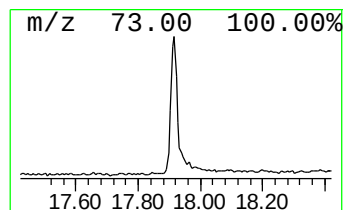
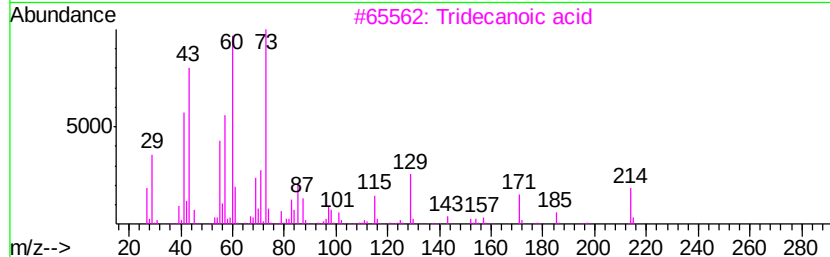
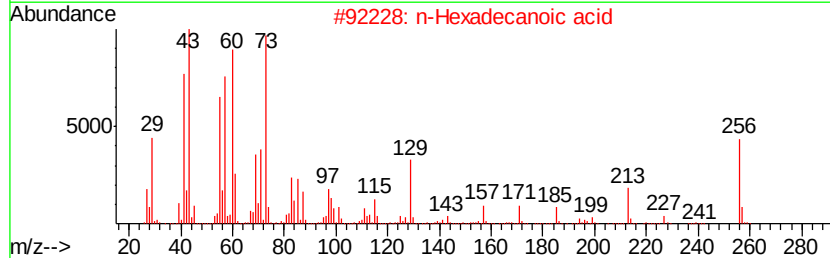
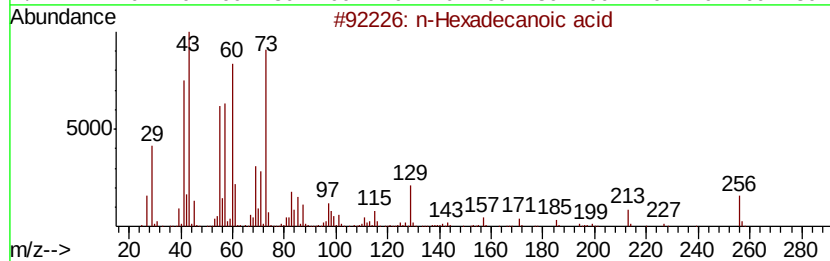
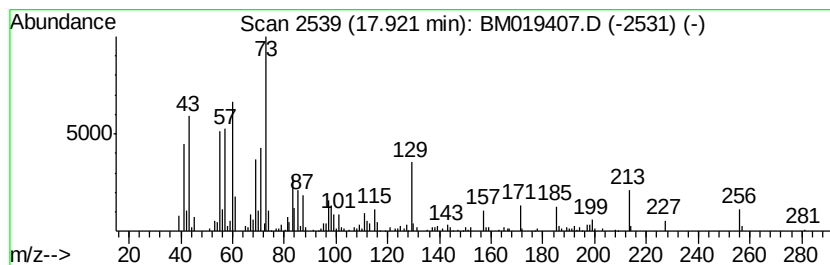
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	5.15 ng/ul	466980	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecane	198	C14H30	000629-59-4	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019407.D
Acq On : 25 Mar 2019 00:13
Operator : JU/SJ
Sample : K2031-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

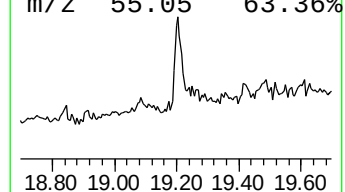
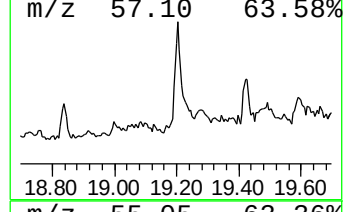
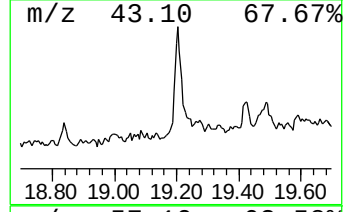
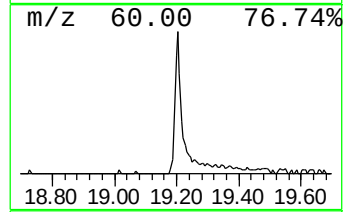
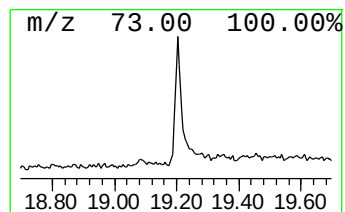
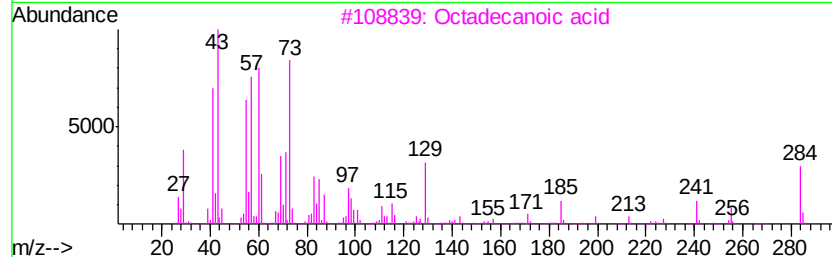
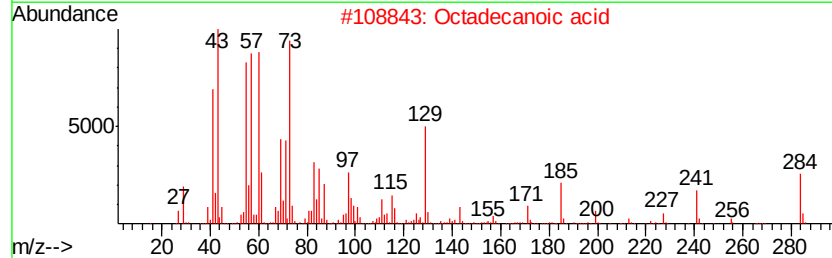
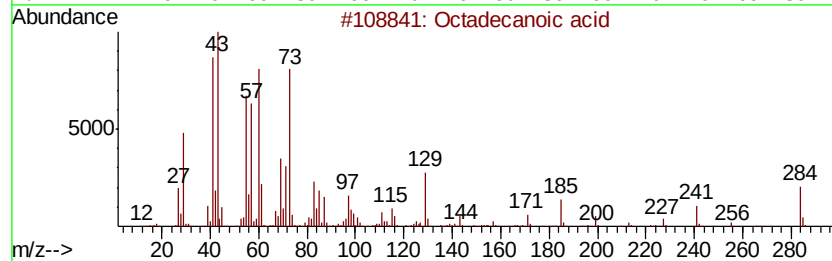
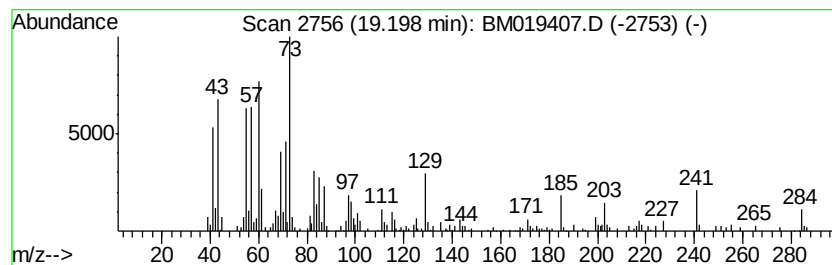
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.20	2.60 ng/ul	362158	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019407.D
Acq On : 25 Mar 2019 00:13
Operator : JU/SJ
Sample : K2031-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

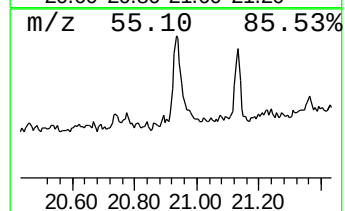
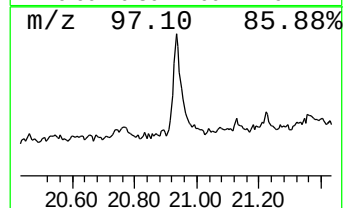
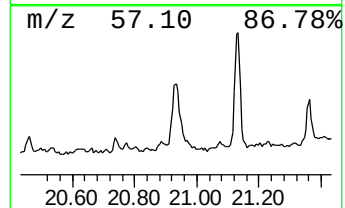
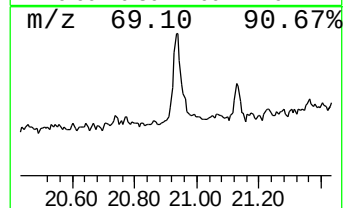
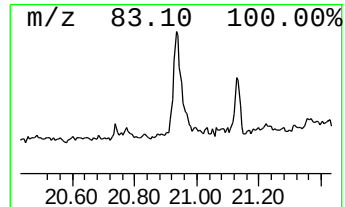
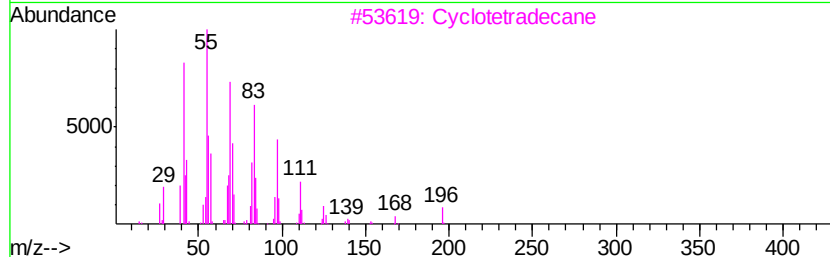
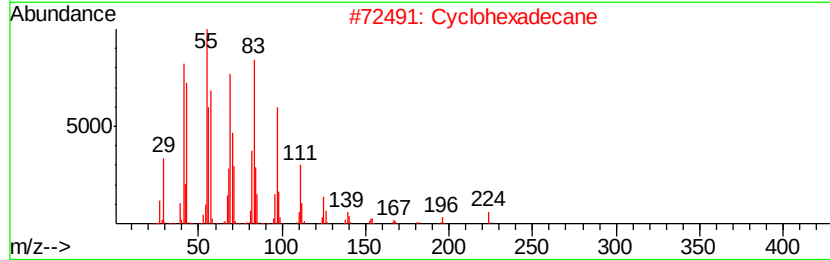
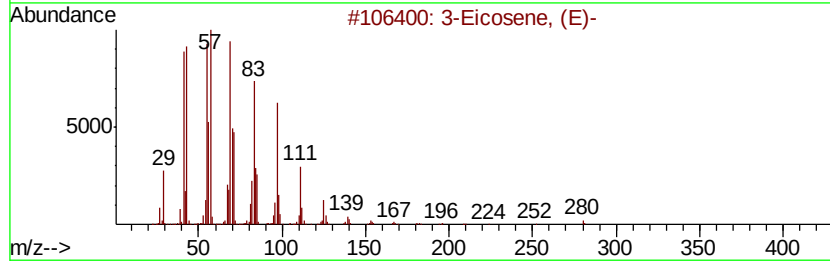
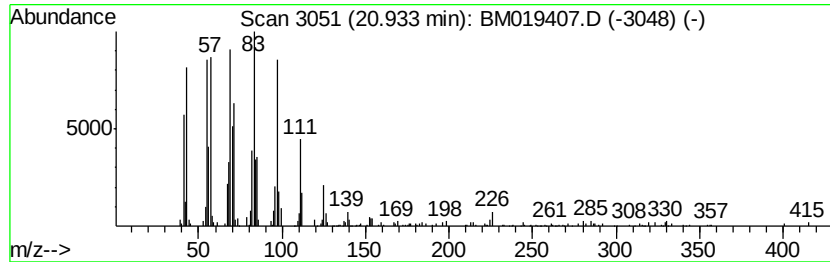
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.93 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.93	3.66 ng/ul	509873	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	98
2	Cyclohexadecane		224	C16H32	000295-65-8	97
3	Cyclotetradecane		196	C14H28	000295-17-0	93
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	91
5	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
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Operator : JU/SJ
Sample : K2031-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.94	2.3	ng/ul	127877	2	10.39	1112610	20.0
Dodecanoic acid	14.69	4.6	ng/ul	342250	3	14.26	1502380	20.0
2-Propanol, 1-chl...	16.79	5.0	ng/ul	449639	4	17.02	1813640	20.0
n-Hexadecanoic acid	17.92	5.2	ng/ul	466980	4	17.02	1813640	20.0
Octadecanoic acid	19.20	2.6	ng/ul	362158	5	21.22	2787420	20.0
(DEL) Alkane: Cyc...	20.93	3.7	ng/ul	509873	5	21.22	2787420	20.0