

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024849.D
 Acq On : 12 Feb 2020 00:05
 Operator : CG/JU
 Sample : L1405-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6S7

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	3.011	18	21	29	rVB	57153	88506	1.45%	0.121%
2	3.505	103	105	109	rVB4	9095	9634	0.16%	0.013%
3	3.628	122	126	130	rVB	20423	28445	0.47%	0.039%
4	3.705	135	139	145	rBV	24567	35702	0.59%	0.049%
5	3.928	173	177	181	rBV4	16272	21701	0.36%	0.030%
6	4.028	190	194	206	rVB	42413	68642	1.13%	0.094%
7	4.193	217	222	225	rBV6	7103	13220	0.22%	0.018%
8	4.240	227	230	232	rVV3	9811	10957	0.18%	0.015%
9	4.322	241	244	249	rVB6	7253	11835	0.19%	0.016%
10	4.587	285	289	301	rVB3	57083	111512	1.83%	0.152%
11	5.516	443	447	452	rVB5	8181	11039	0.18%	0.015%
12	6.599	619	631	640	rBV	902523	1449462	23.76%	1.978%
13	6.752	651	657	667	rBV	782232	1163448	19.07%	1.587%
14	6.940	683	689	699	rBV	1068954	1624314	26.62%	2.216%
15	7.057	707	709	712	rVB4	7512	7521	0.12%	0.010%
16	7.122	716	720	725	rVB5	8486	13900	0.23%	0.019%
17	7.399	759	767	778	rBV	1250945	1917221	31.42%	2.616%
18	7.487	780	782	790	rVB5	11535	19174	0.31%	0.026%
19	8.110	882	888	901	rBV	1159423	1831489	30.02%	2.499%
20	8.216	901	906	911	rVB	25593	44307	0.73%	0.060%
21	8.540	954	961	972	rBV	879074	1455037	23.85%	1.985%
22	8.728	988	993	999	rBV3	49312	73384	1.20%	0.100%
23	9.028	1039	1044	1050	rVB	148453	211805	3.47%	0.289%
24	9.251	1075	1082	1094	rBV	800375	1292957	21.19%	1.764%
25	9.734	1160	1164	1166	rBV5	4747	7370	0.12%	0.010%
26	9.787	1167	1173	1186	rVV	1272415	2112760	34.63%	2.883%
27	9.875	1186	1188	1193	rVB6	4856	6820	0.11%	0.009%
28	9.963	1198	1203	1206	rVB6	6691	9142	0.15%	0.012%
29	10.157	1228	1236	1250	rBV	1638592	2683017	43.98%	3.661%
30	10.298	1253	1260	1280	rVV	1092036	1928738	31.61%	2.632%
31	11.516	1463	1467	1475	rBV2	13313	20544	0.34%	0.028%
32	11.716	1496	1501	1504	rBV6	4997	8152	0.13%	0.011%
33	11.763	1504	1509	1518	rVB2	22884	42514	0.70%	0.058%
34	12.663	1658	1662	1668	rBV6	6004	10227	0.17%	0.014%

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35	12.916	1700	1705	1709	rVB6	8370	12470	0.20%	0.017%
36	12.975	1709	1715	1720	rVB6	14012	21143	0.35%	0.029%
37	13.475	1794	1800	1805	rBV	2331878	3158807	51.77%	4.310%
38	13.522	1805	1808	1815	rVB	149915	205817	3.37%	0.281%
39	13.739	1838	1845	1855	rBV	2611430	3868646	63.41%	5.279%
40	13.963	1878	1883	1887	rBV5	5701	10046	0.16%	0.014%
41	13.998	1887	1889	1892	rVV2	8043	9824	0.16%	0.013%
42	14.051	1892	1898	1906	rVB	2605840	3676335	60.26%	5.016%
43	14.275	1930	1936	1951	rBV	696335	1199665	19.66%	1.637%
44	14.457	1964	1967	1970	rBV5	5154	6831	0.11%	0.009%
45	14.498	1970	1974	1979	rVB6	13497	20966	0.34%	0.029%
46	14.904	2039	2043	2047	rBV2	15218	23539	0.39%	0.032%
47	14.963	2050	2053	2058	rVB5	9341	12656	0.21%	0.017%
48	15.057	2062	2069	2076	rBV	3338664	4695209	76.96%	6.406%
49	15.186	2085	2091	2104	rBV	927596	1289244	21.13%	1.759%
50	15.298	2105	2110	2114	rVB	31970	49841	0.82%	0.068%
51	15.522	2142	2148	2151	rBV7	5765	8349	0.14%	0.011%
52	15.633	2163	2167	2169	rBV4	5623	9056	0.15%	0.012%
53	15.669	2171	2173	2178	rVB4	11091	9638	0.16%	0.013%
54	15.851	2196	2204	2207	rBV5	16084	32908	0.54%	0.045%
55	15.980	2222	2226	2231	rBV5	11363	21627	0.35%	0.030%
56	16.180	2254	2260	2267	rBV9	6634	18648	0.31%	0.025%
57	16.374	2289	2293	2297	rBV3	19043	24605	0.40%	0.034%
58	16.598	2322	2331	2333	rBV	12317	23674	0.39%	0.032%
59	16.622	2333	2335	2338	rVB3	13118	13733	0.23%	0.019%
60	16.804	2360	2366	2372	rVV	2994643	4202125	68.87%	5.734%
61	16.845	2372	2373	2377	rVV	57690	56837	0.93%	0.078%
62	16.904	2377	2383	2397	rVV	3596799	4998445	81.93%	6.820%
63	17.086	2412	2414	2418	rBV4	5211	8232	0.13%	0.011%
64	17.133	2418	2422	2424	rVV3	9364	10422	0.17%	0.014%
65	17.186	2428	2431	2433	rVV4	7439	8135	0.13%	0.011%
66	17.233	2433	2439	2446	rVV7	37549	60799	1.00%	0.083%
67	17.357	2456	2460	2464	rBV6	14447	17842	0.29%	0.024%
68	17.527	2483	2489	2494	rVB4	15935	32384	0.53%	0.044%
69	17.686	2513	2516	2521	rBV5	11814	23095	0.38%	0.032%
70	17.745	2523	2526	2533	rVV6	22473	37705	0.62%	0.051%
71	17.810	2533	2537	2543	rVV	20084	30980	0.51%	0.042%

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72	17.874	2543	2548	2551	rVV7	15122	24293	0.40%	0.033%
73	17.921	2553	2556	2559	rVB5	6143	8041	0.13%	0.011%
74	18.051	2574	2578	2581	rVB5	23679	28978	0.47%	0.040%
75	18.186	2597	2601	2605	rBV4	34470	41654	0.68%	0.057%
76	18.527	2656	2659	2662	rBV5	7929	10672	0.17%	0.015%
77	18.616	2670	2674	2682	rBV	399018	527666	8.65%	0.720%
78	18.680	2682	2685	2686	rVV3	29044	34888	0.57%	0.048%
79	18.704	2686	2689	2694	rVB4	48414	81931	1.34%	0.112%
80	18.845	2709	2713	2715	rBV	57836	72894	1.19%	0.099%
81	18.874	2715	2718	2723	rVV	88676	118765	1.95%	0.162%
82	18.945	2727	2730	2735	rVB3	80474	94495	1.55%	0.129%
83	19.033	2743	2745	2749	rBV5	11232	15533	0.25%	0.021%
84	19.098	2752	2756	2762	rVV2	40726	59874	0.98%	0.082%
85	19.210	2769	2775	2784	rBV	4320434	6101115	100.00%	8.325%
86	19.286	2784	2788	2791	rVV2	63793	82706	1.36%	0.113%
87	19.321	2791	2794	2800	rVB8	21471	35731	0.59%	0.049%
88	19.780	2869	2872	2875	rBV2	80073	82511	1.35%	0.113%
89	19.821	2876	2879	2884	rVB	84428	95838	1.57%	0.131%
90	20.321	2961	2964	2968	rBV	73412	73460	1.20%	0.100%
91	20.774	3037	3041	3052	rBV	858679	1154640	18.93%	1.575%
92	21.015	3077	3082	3087	rBV	3533321	4434813	72.69%	6.051%
93	21.221	3114	3117	3121	rBV2	175633	200704	3.29%	0.274%
94	21.645	3185	3189	3195	rBV2	507224	703769	11.54%	0.960%
95	22.074	3259	3262	3268	rVB	372951	460528	7.55%	0.628%
96	22.551	3339	3343	3346	rBV	568494	706606	11.58%	0.964%
97	22.986	3411	3417	3426	rVB	3505156	5755629	94.34%	7.853%
98	23.074	3428	3432	3434	rVV	445642	650331	10.66%	0.887%
99	23.115	3434	3439	3449	rVB	2605280	4458170	73.07%	6.083%
100	23.668	3528	3533	3539	rVB	537307	918602	15.06%	1.253%

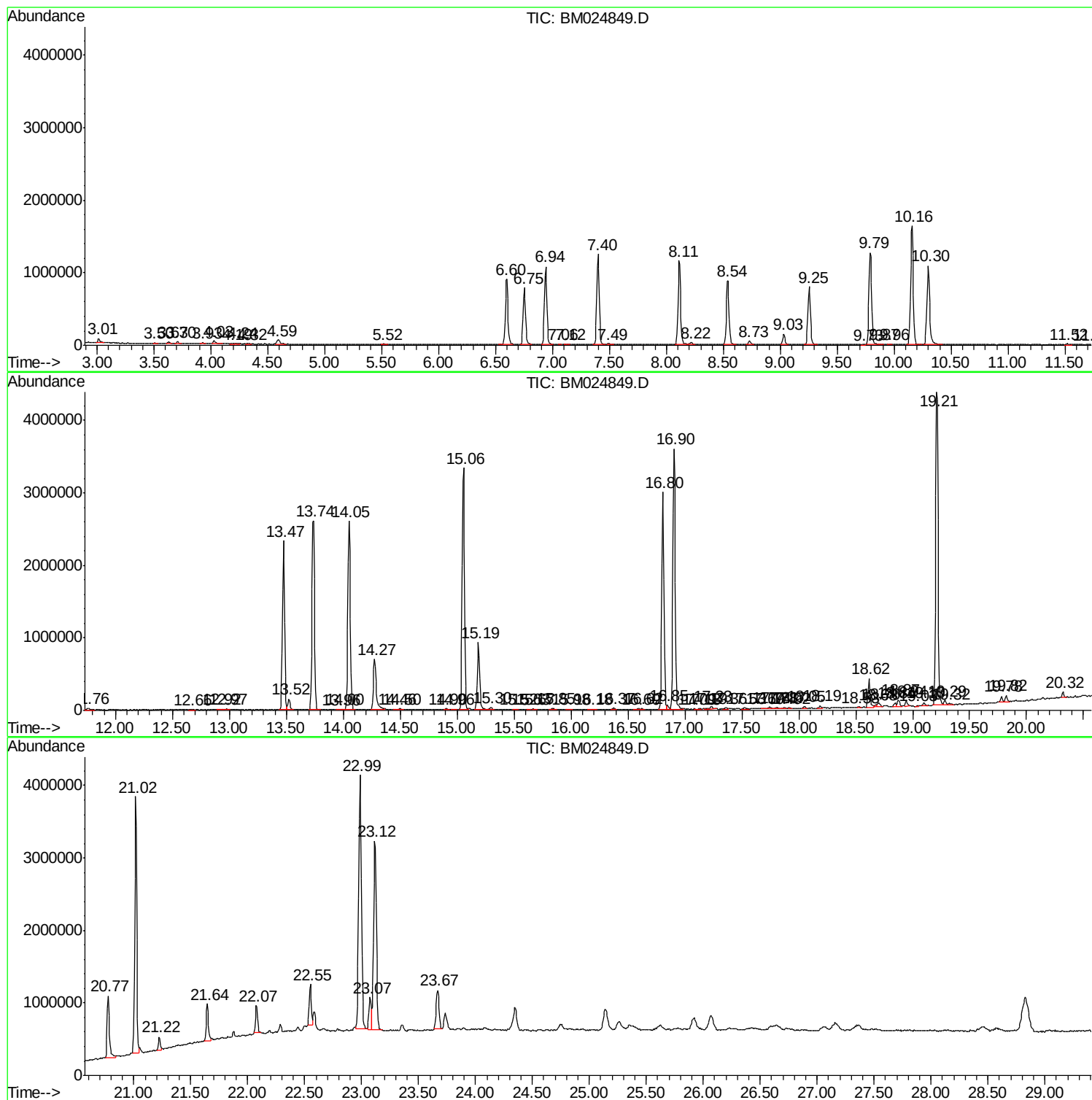
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Quant Title : SVOA CALIBRATION

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



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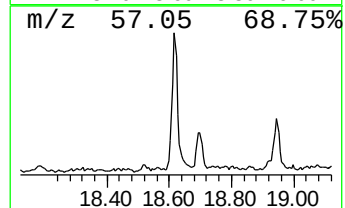
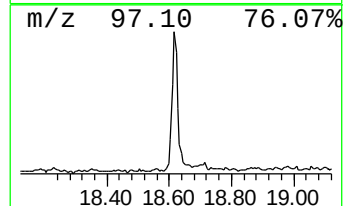
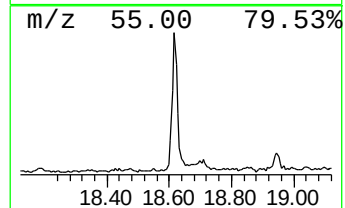
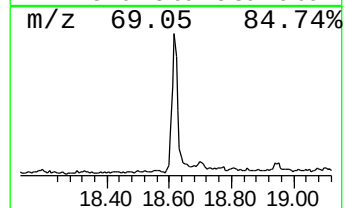
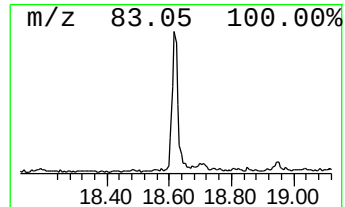
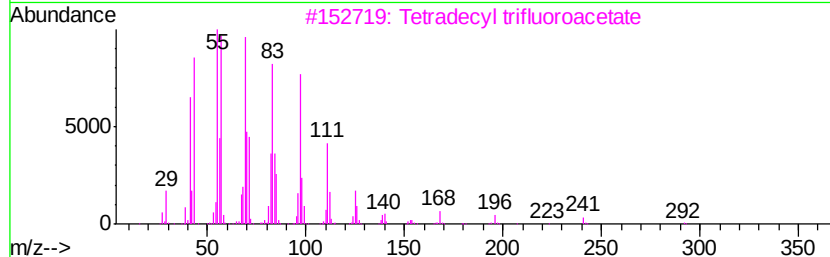
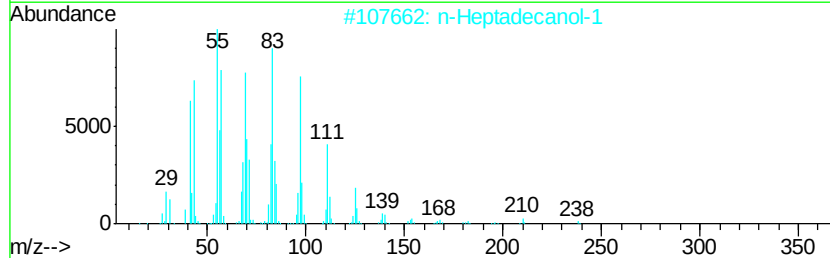
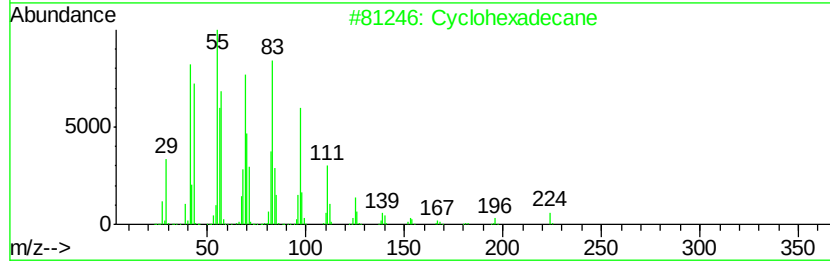
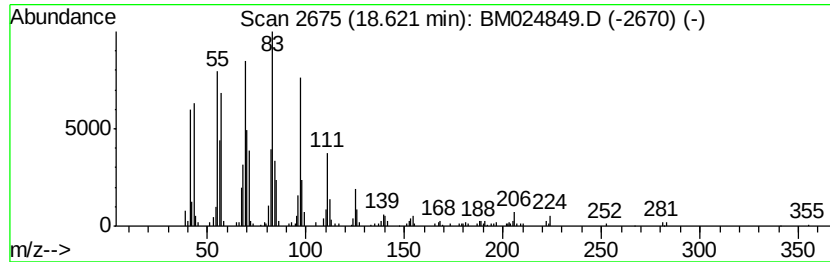
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic18.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	2.51 ng/ul	527666	Phenanthrene-d10	16.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93



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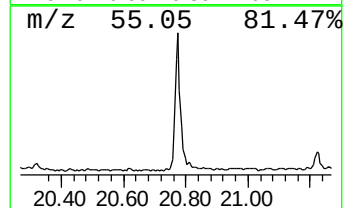
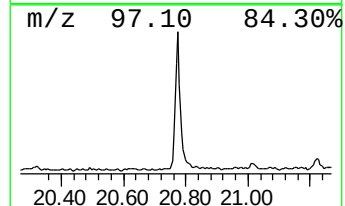
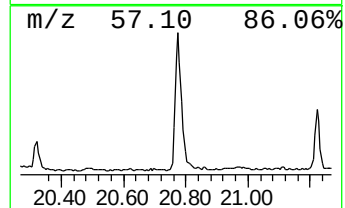
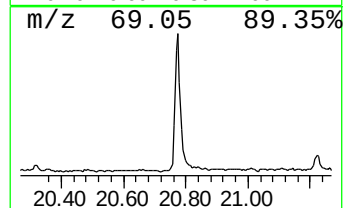
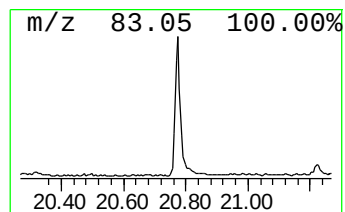
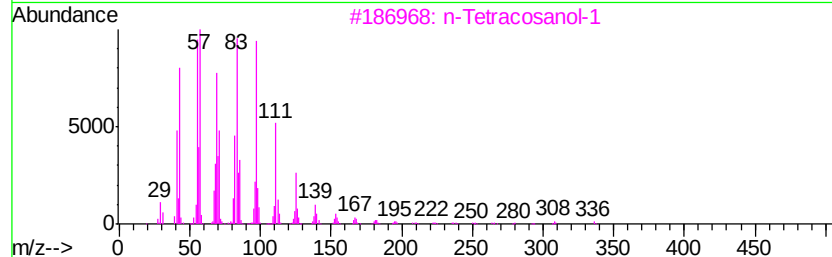
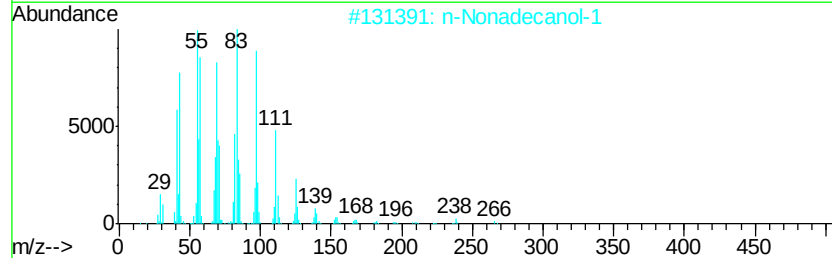
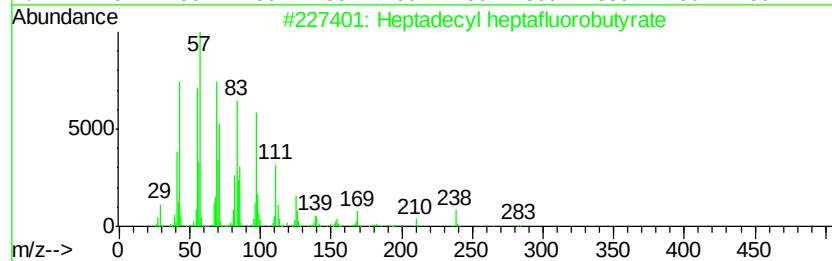
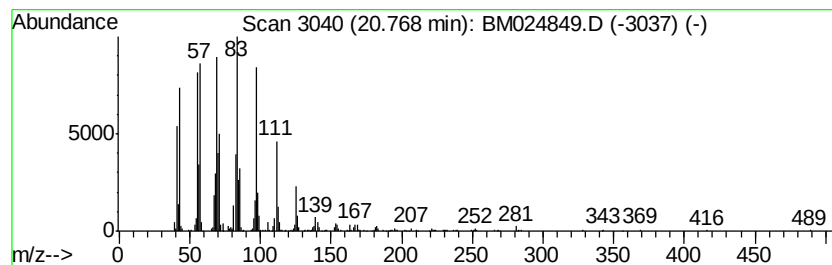
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.77	5.21 ng/ul	1154640	Chrysene-d12		21.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	n-Nonadecanol-1		284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
4	1-Heneicosanol		312	C21H44O	015594-90-8	94
5	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	93



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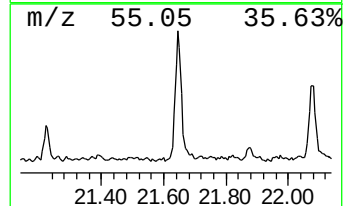
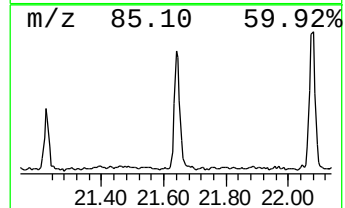
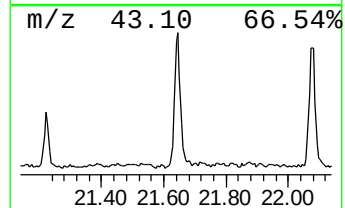
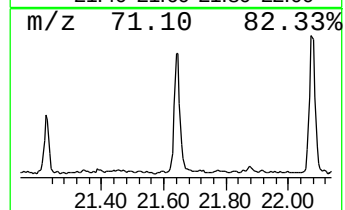
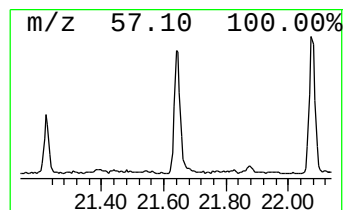
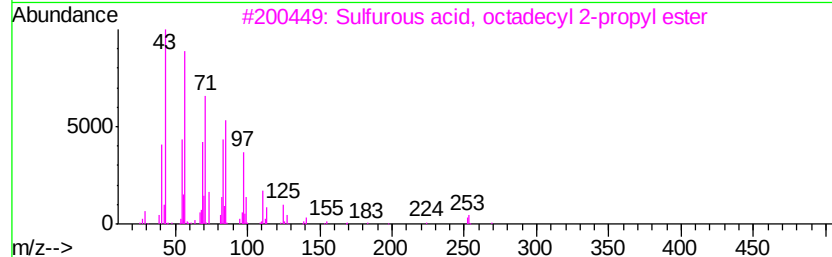
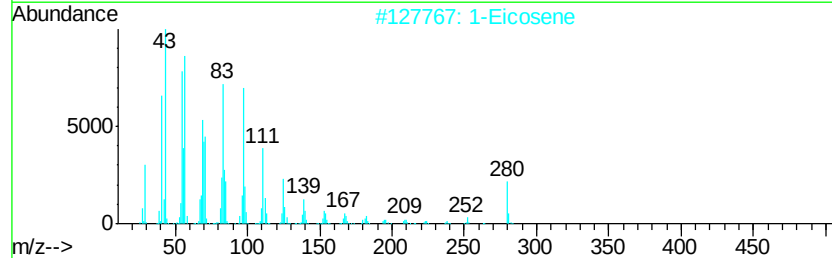
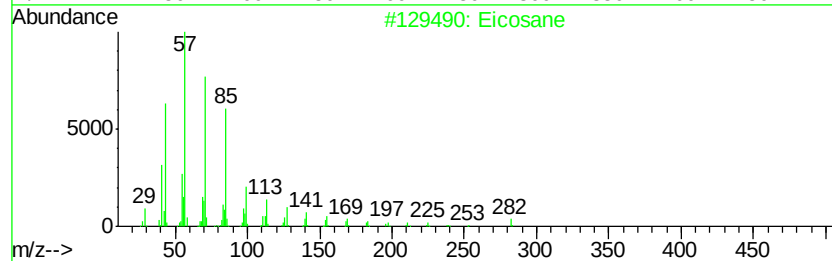
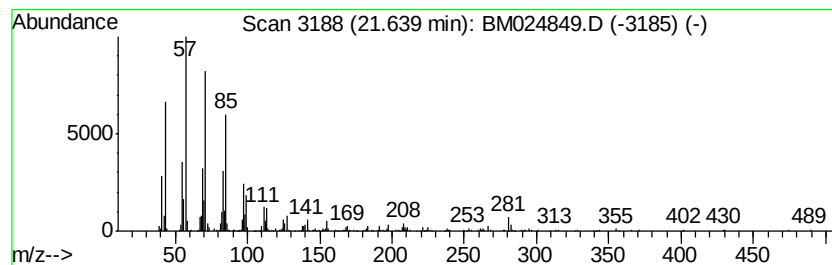
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	3.17 ng/ul	703769	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		1-Eicosene	280	C20H40	003452-07-1	96
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
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Acq On : 12 Feb 2020 00:05
Operator : CG/JU
Sample : L1405-13
Misc :
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Instrument :
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ClientSampleId :
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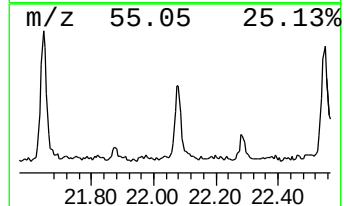
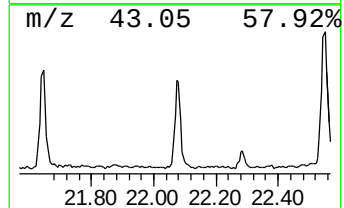
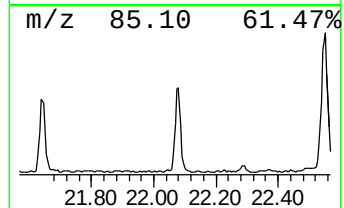
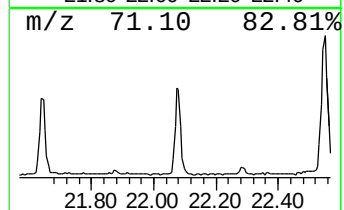
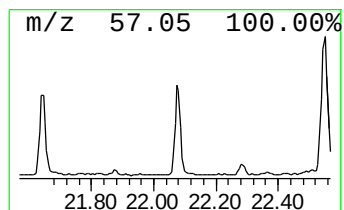
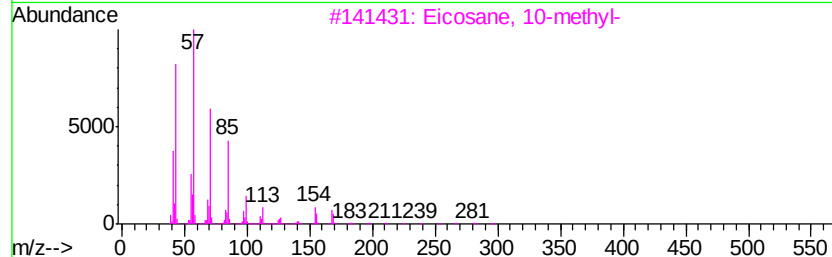
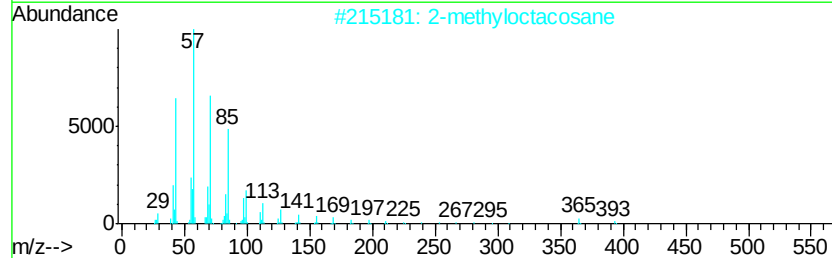
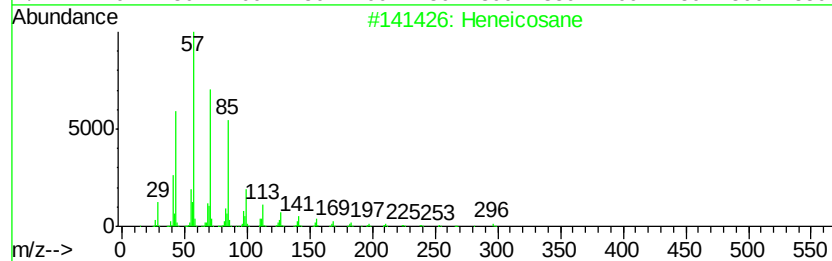
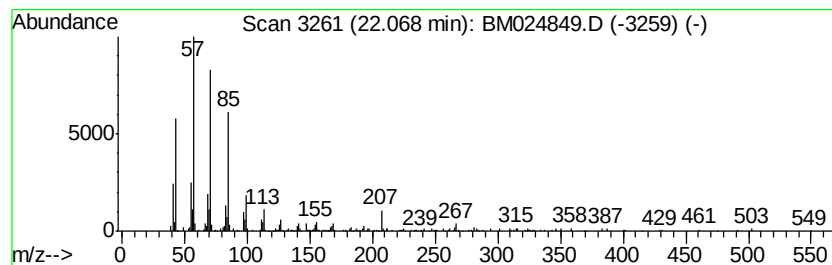
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.07 ng/ul	460528	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024849.D
Acq On : 12 Feb 2020 00:05
Operator : CG/JU
Sample : L1405-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S7

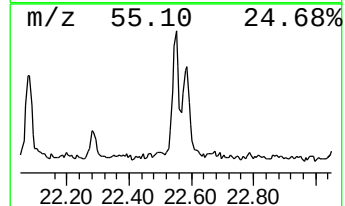
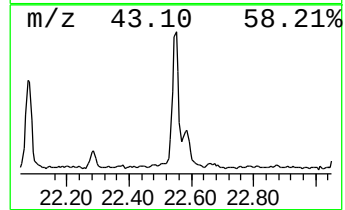
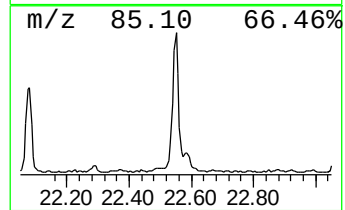
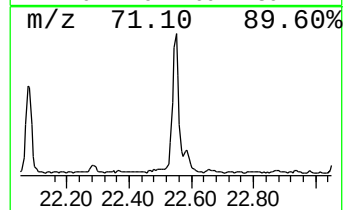
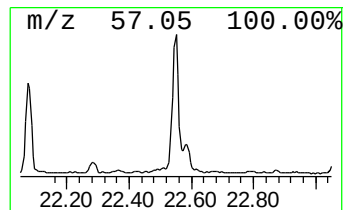
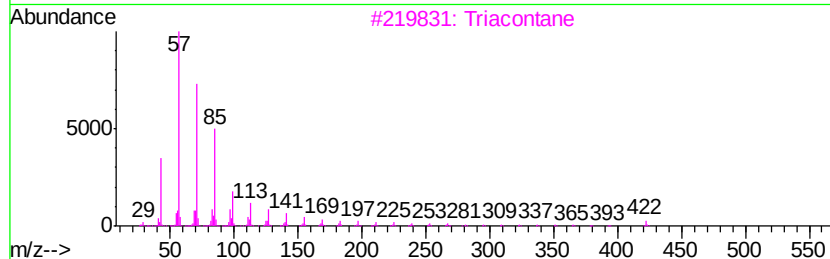
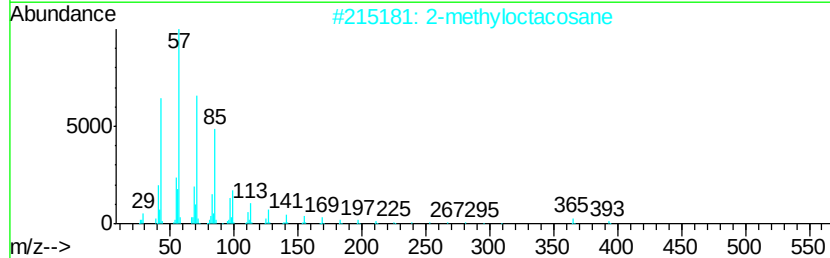
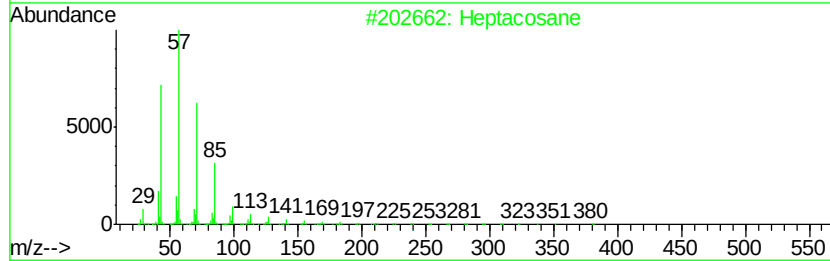
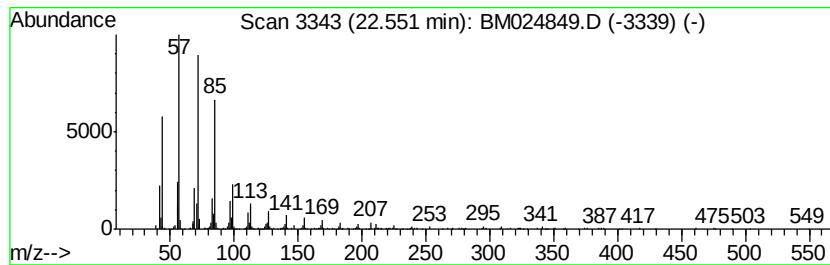
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	3.17 ng/ul	706606	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024849.D
Acq On : 12 Feb 2020 00:05
Operator : CG/JU
Sample : L1405-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S7

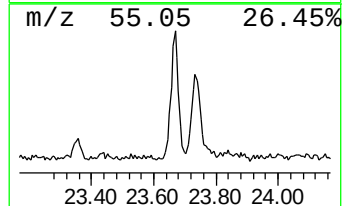
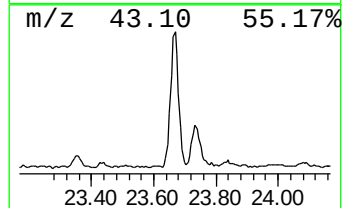
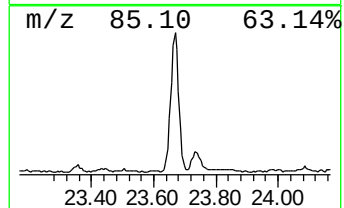
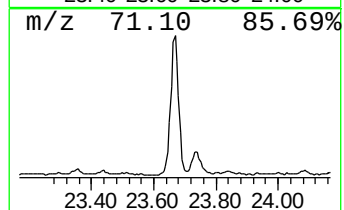
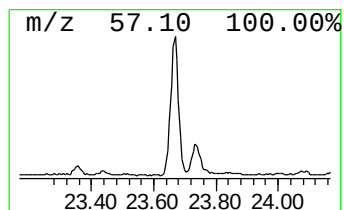
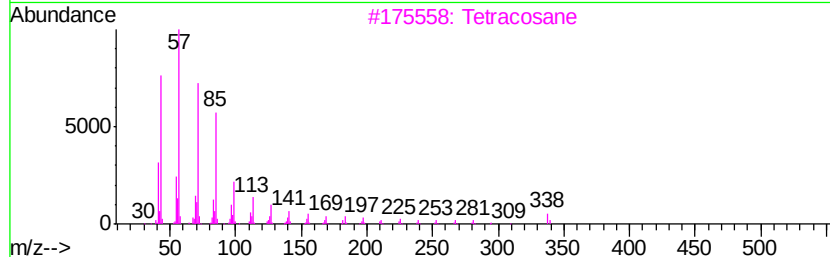
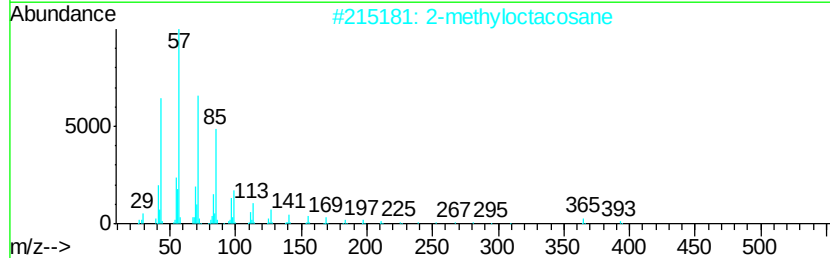
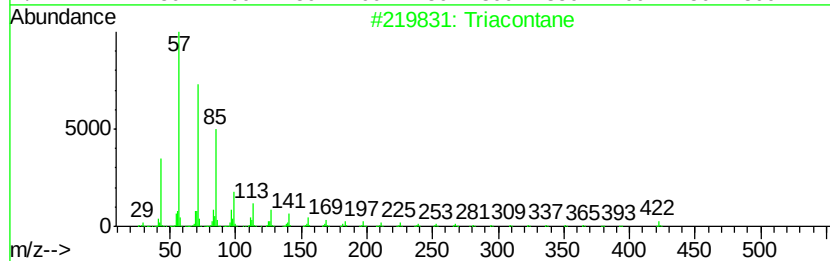
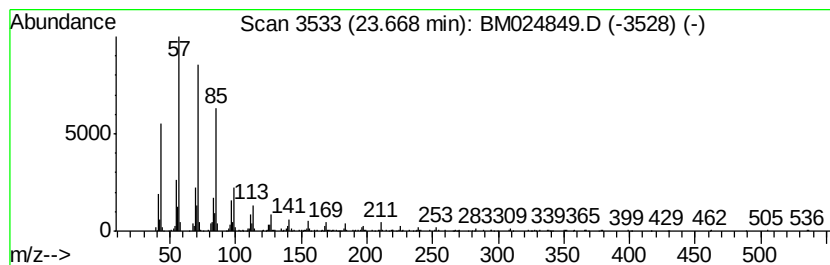
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.12 ng/ul	918602	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021120\
Data File : BM024849.D
Acq On : 12 Feb 2020 00:05
Operator : CG/JU
Sample : L1405-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S7

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	18.62	2.5	ng/ul	527666	4	16.80	4202130	20.0
Heptadecyl heptaf...	20.77	5.2	ng/ul	1154640	5	21.02	4434810	20.0
(DEL) Alkane: Str...	21.64	3.2	ng/ul	703769	5	21.02	4434810	20.0
(DEL) Alkane: Str...	22.07	2.1	ng/ul	460528	6	23.12	4458170	20.0
(DEL) Alkane: Str...	22.55	3.2	ng/ul	706606	6	23.12	4458170	20.0
(DEL) Alkane: Str...	23.67	4.1	ng/ul	918602	6	23.12	4458170	20.0