

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024771.D
 Acq On : 07 Feb 2020 21:05
 Operator : CG/JU
 Sample : L1399-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T1

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	3.016	19	22	27	rVB	47845	56840	0.97%	0.075%
2	3.634	122	127	132	rVV	17251	25797	0.44%	0.034%
3	3.710	136	140	148	rVB	30636	42215	0.72%	0.056%
4	3.934	174	178	186	rVB	36031	46981	0.80%	0.062%
5	4.328	241	245	249	rBV2	22874	28544	0.49%	0.038%
6	4.593	287	290	301	rVB2	25723	40333	0.69%	0.053%
7	6.604	622	632	643	rBV	760956	1214982	20.70%	1.605%
8	6.757	652	658	667	rBV	666157	1000872	17.05%	1.322%
9	6.945	683	690	700	rBV	896699	1378434	23.49%	1.820%
10	7.404	761	768	778	rBV	1014430	1551403	26.43%	2.049%
11	8.122	883	890	903	rBV	982653	1573080	26.80%	2.077%
12	8.222	903	907	915	rVB5	10898	22210	0.38%	0.029%
13	8.545	954	962	976	rBV	796383	1302217	22.19%	1.720%
14	8.739	990	995	1001	rVB3	23571	38047	0.65%	0.050%
15	9.039	1040	1046	1051	rVB2	36481	51816	0.88%	0.068%
16	9.257	1076	1083	1096	rBV	696275	1142680	19.47%	1.509%
17	9.798	1168	1175	1187	rBV	1114344	1856330	31.63%	2.451%
18	10.163	1228	1237	1254	rBV	1351319	2199058	37.47%	2.904%
19	10.304	1254	1261	1272	rBV	995672	1704436	29.04%	2.251%
20	11.763	1505	1509	1517	rBV2	18513	31510	0.54%	0.042%
21	12.069	1554	1561	1567	rVB3	12006	19437	0.33%	0.026%
22	12.916	1701	1705	1709	rVB	14140	19195	0.33%	0.025%
23	13.380	1780	1784	1790	rBV3	14511	21128	0.36%	0.028%
24	13.486	1795	1802	1808	rVV	2067930	2947827	50.23%	3.893%
25	13.745	1838	1846	1858	rBV	2419200	3479589	59.29%	4.595%
26	14.010	1887	1891	1894	rBV2	19042	26568	0.45%	0.035%
27	14.057	1894	1899	1907	rVV	2048952	3109943	52.99%	4.107%
28	14.121	1907	1910	1915	rVB	22727	31224	0.53%	0.041%
29	14.280	1931	1937	1952	rBV	656725	1110416	18.92%	1.466%
30	14.468	1964	1969	1974	rBV2	17759	28517	0.49%	0.038%
31	14.968	2051	2054	2060	rVB2	21264	27882	0.48%	0.037%
32	15.062	2063	2070	2076	rVV	3178350	4357414	74.25%	5.754%
33	15.115	2076	2079	2085	rVV4	37770	53876	0.92%	0.071%
34	15.192	2086	2092	2105	rVV	892997	1223843	20.85%	1.616%

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35	15.304	2105	2111	2117	rVV	34389	58568	1.00%	0.077%
36	15.562	2150	2155	2162	rVB4	10786	20429	0.35%	0.027%
37	15.674	2171	2174	2180	rVB4	12106	19824	0.34%	0.026%
38	15.839	2198	2202	2204	rBV	23584	31839	0.54%	0.042%
39	16.121	2242	2250	2256	rBV7	9635	27430	0.47%	0.036%
40	16.380	2287	2294	2301	rBV6	20548	52606	0.90%	0.069%
41	16.474	2305	2310	2313	rBV2	13175	23067	0.39%	0.030%
42	16.557	2319	2324	2329	rBV6	14855	34350	0.59%	0.045%
43	16.633	2333	2337	2342	rVV	46302	68061	1.16%	0.090%
44	16.686	2342	2346	2352	rVB6	10866	22340	0.38%	0.030%
45	16.815	2361	2368	2372	rBV	2586946	3747730	63.86%	4.949%
46	16.851	2372	2374	2379	rVV	452474	596676	10.17%	0.788%
47	16.909	2379	2384	2399	rVV2	3184742	4614705	78.63%	6.094%
48	17.221	2433	2437	2444	rBV2	18667	38443	0.66%	0.051%
49	17.345	2454	2458	2460	rBV3	13076	19324	0.33%	0.026%
50	17.374	2460	2463	2464	rVV3	22756	26182	0.45%	0.035%
51	17.398	2464	2467	2472	rVB3	19711	26088	0.44%	0.034%
52	17.692	2512	2517	2521	rBV	85835	122764	2.09%	0.162%
53	17.739	2521	2525	2531	rVV	108261	156266	2.66%	0.206%
54	17.821	2534	2539	2543	rBV2	34592	54602	0.93%	0.072%
55	17.880	2543	2549	2553	rBV2	112962	193746	3.30%	0.256%
56	17.921	2553	2556	2561	rVB	61662	80458	1.37%	0.106%
57	18.056	2574	2579	2583	rVV5	36560	54275	0.92%	0.072%
58	18.198	2600	2603	2612	rBV	58362	86330	1.47%	0.114%
59	18.456	2643	2647	2651	rVV4	24985	41082	0.70%	0.054%
60	18.503	2652	2655	2658	rVV	31144	39618	0.68%	0.052%
61	18.545	2658	2662	2665	rVB2	20614	32890	0.56%	0.043%
62	18.627	2670	2676	2681	rBV2	85442	136818	2.33%	0.181%
63	18.680	2681	2685	2687	rBV5	36031	60265	1.03%	0.080%
64	18.756	2695	2698	2708	rVB5	42989	96731	1.65%	0.128%
65	18.880	2711	2719	2726	rBV	864699	1259146	21.45%	1.663%
66	18.962	2730	2733	2736	rBV	20257	25401	0.43%	0.034%
67	19.039	2742	2746	2750	rVB	23697	31227	0.53%	0.041%
68	19.103	2754	2757	2761	rBV	26904	48965	0.83%	0.065%
69	19.221	2771	2777	2780	rBV	4261476	5868943	100.00%	7.751%
70	19.292	2786	2789	2792	rVB4	43911	49813	0.85%	0.066%
71	19.327	2792	2795	2803	rVB3	41763	81981	1.40%	0.108%

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72	19.439	2810	2814	2817	rBV	40133	43552	0.74%	0.058%
73	19.586	2833	2839	2845	rBV3	79907	184279	3.14%	0.243%
74	19.674	2851	2854	2858	rBV6	22361	41045	0.70%	0.054%
75	19.727	2858	2863	2864	rVV3	73782	119262	2.03%	0.157%
76	19.756	2865	2868	2872	rVB	108392	147309	2.51%	0.195%
77	19.833	2878	2881	2883	rBV2	42632	51767	0.88%	0.068%
78	19.856	2883	2885	2889	rVB	51346	56655	0.97%	0.075%
79	19.915	2890	2895	2899	rBV2	111071	174706	2.98%	0.231%
80	20.050	2914	2918	2922	rVB	80082	95084	1.62%	0.126%
81	20.097	2922	2926	2930	rBV	70194	104952	1.79%	0.139%
82	20.503	2992	2995	3002	rVB	72290	116318	1.98%	0.154%
83	20.709	3028	3030	3033	rBV	68980	70420	1.20%	0.093%
84	20.786	3039	3043	3053	rBV4	391499	662603	11.29%	0.875%
85	21.027	3077	3084	3088	rBV	3622987	5001369	85.22%	6.605%
86	21.062	3088	3090	3097	rVB	502854	553887	9.44%	0.731%
87	21.233	3116	3119	3123	rBV2	134114	151462	2.58%	0.200%
88	21.656	3187	3191	3198	rBV3	344107	521947	8.89%	0.689%
89	22.091	3262	3265	3271	rVB	256283	298657	5.09%	0.394%
90	22.297	3297	3300	3307	rVB2	290879	361791	6.16%	0.478%
91	22.515	3333	3337	3341	rBV	434456	834527	14.22%	1.102%
92	22.562	3341	3345	3348	rVV2	975165	1464590	24.95%	1.934%
93	22.597	3348	3351	3360	rVB2	543960	897025	15.28%	1.185%
94	22.950	3408	3411	3414	rBV	207827	319571	5.45%	0.422%
95	23.003	3414	3420	3424	rVV	2910290	4781657	81.47%	6.315%
96	23.091	3431	3435	3437	rBV	347404	512779	8.74%	0.677%
97	23.133	3437	3442	3459	rVB	2417891	4312289	73.48%	5.695%
98	23.685	3531	3536	3542	rVB	1191469	2012300	34.29%	2.657%
99	23.756	3544	3548	3560	rVB3	319570	620134	10.57%	0.819%
100	25.168	3783	3788	3799	rVB4	550462	1497179	25.51%	1.977%

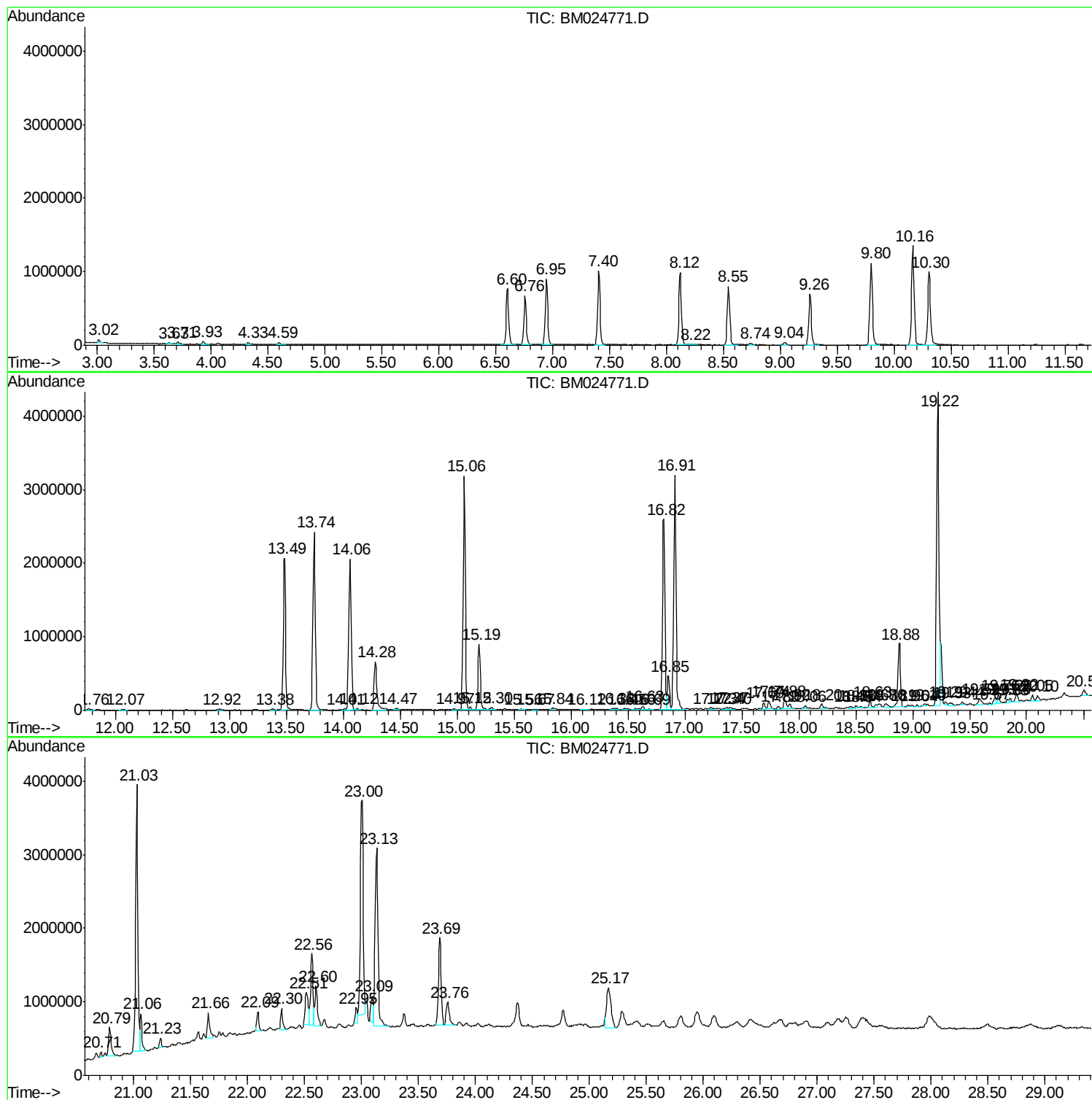
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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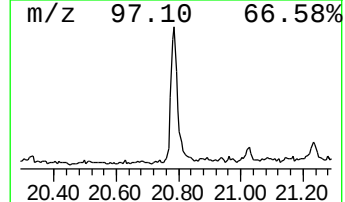
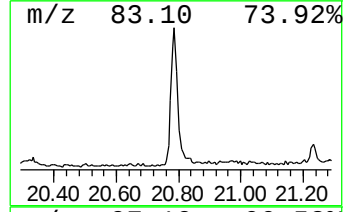
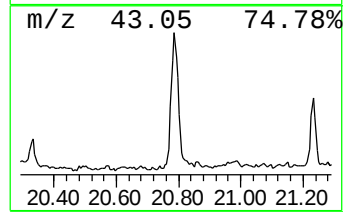
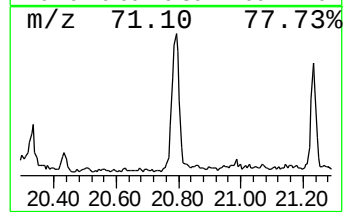
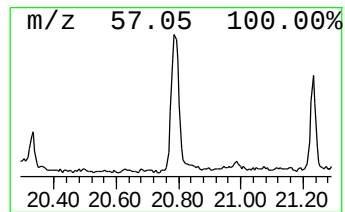
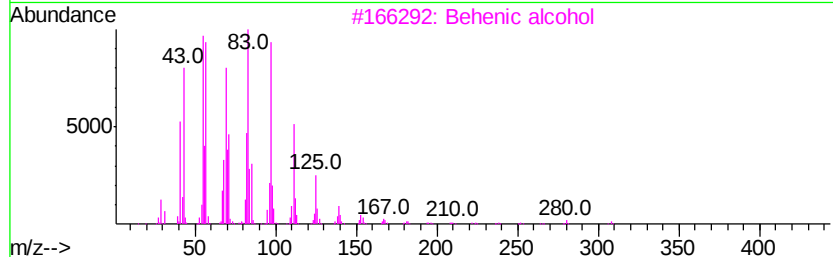
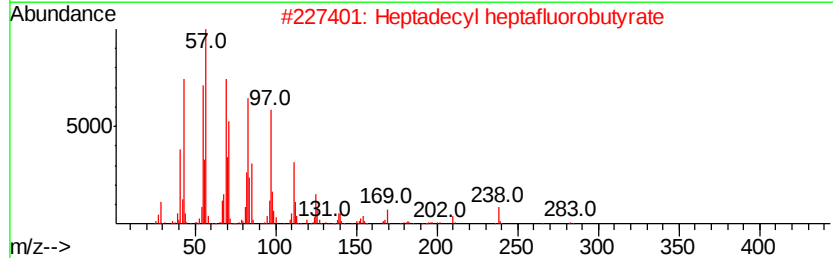
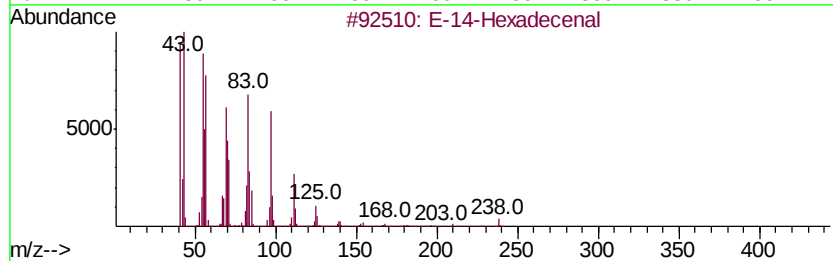
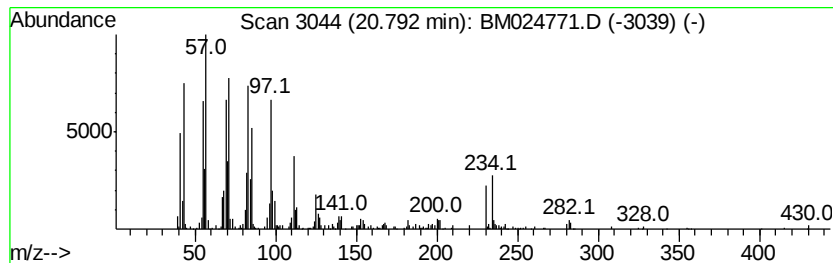
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 E-14-Hexadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	2.65 ng/ul	662603	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	95	
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94	
3	Behenic alcohol	326	C22H46O	000661-19-8	90	
4	Cyclopentadecane	210	C15H30	000295-48-7	89	
5	1-Heneicosanol	312	C21H44O	015594-90-8	87	



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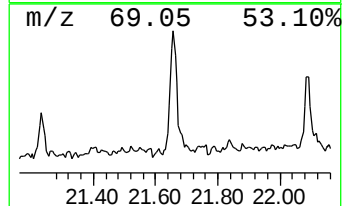
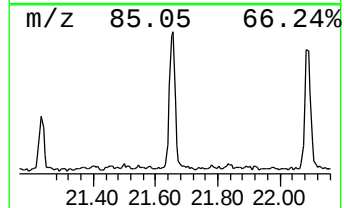
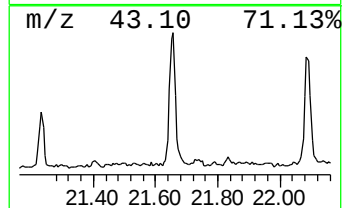
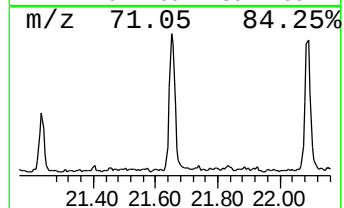
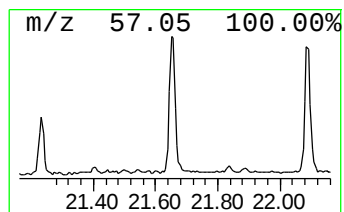
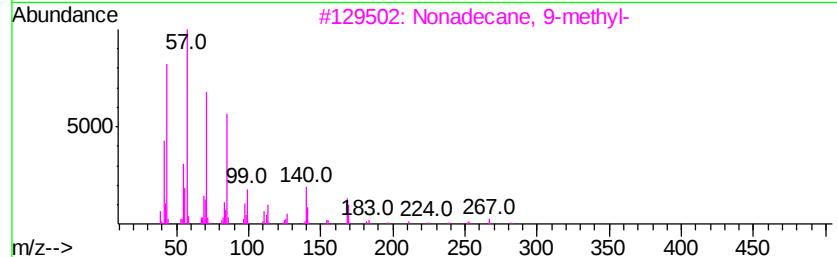
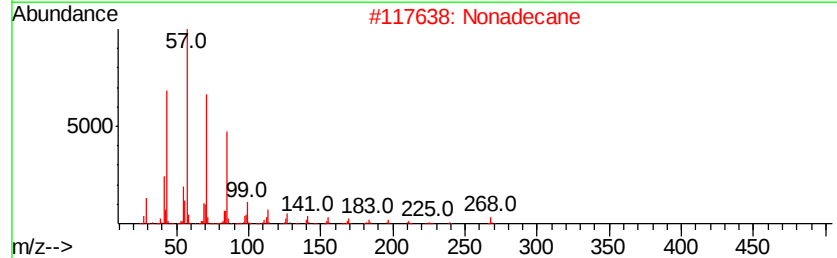
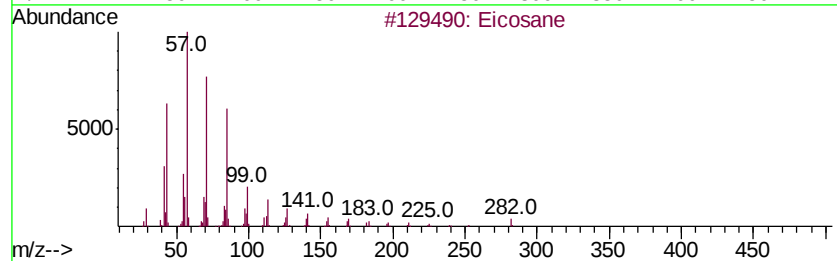
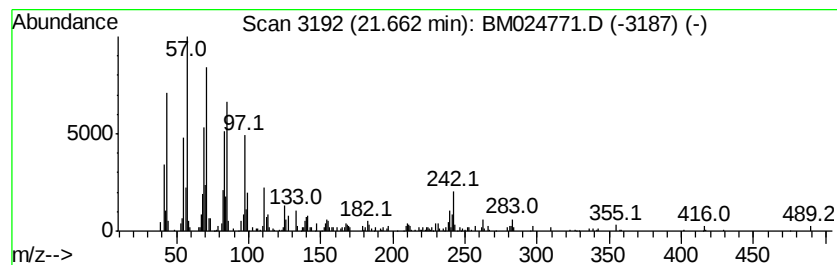
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.09 ng/ul	521947	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane	268	C19H40	000629-92-5	93
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
4		Eicosane	282	C20H42	000112-95-8	89
5		Tetracosane	338	C24H50	000646-31-1	87



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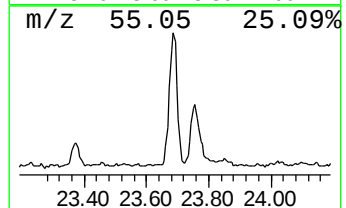
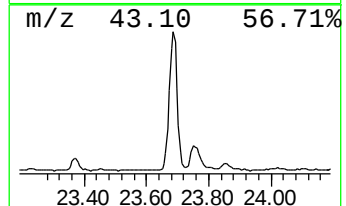
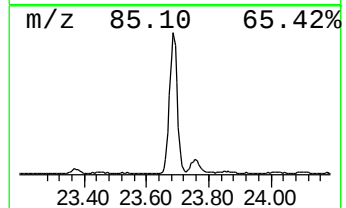
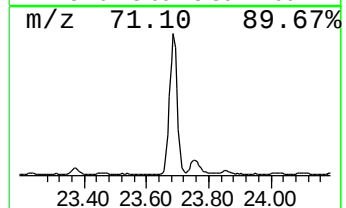
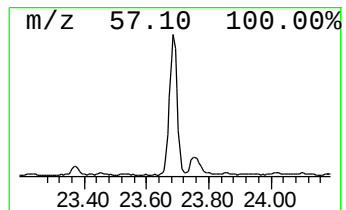
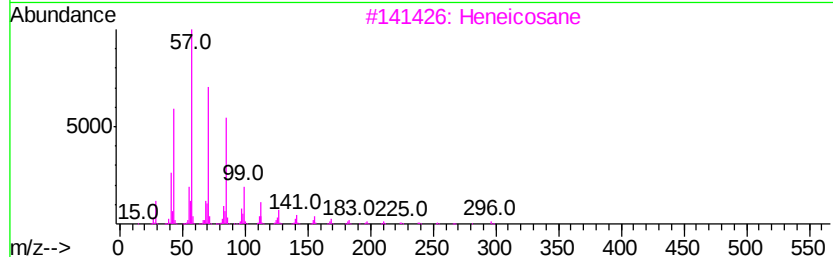
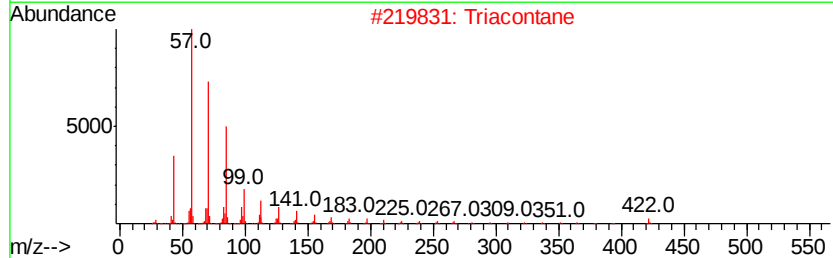
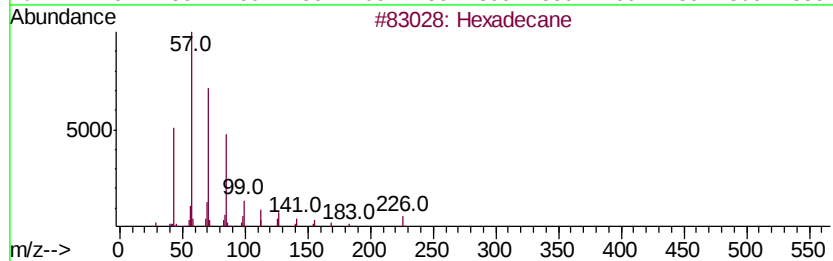
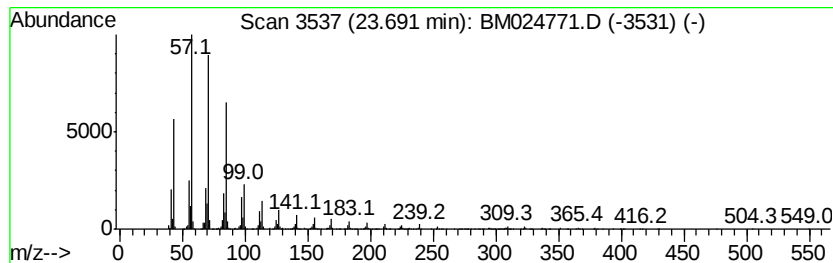
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	9.33 ng/ul	2012300	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024771.D
Acq On : 07 Feb 2020 21:05
Operator : CG/JU
Sample : L1399-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6T1

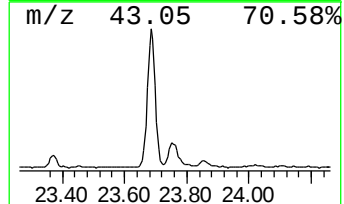
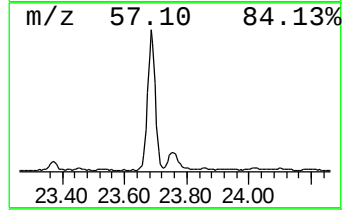
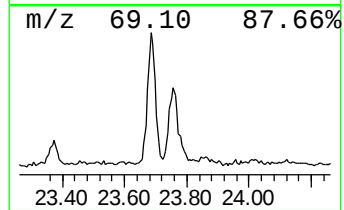
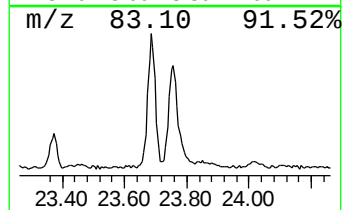
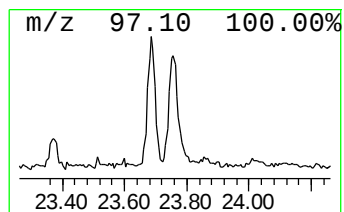
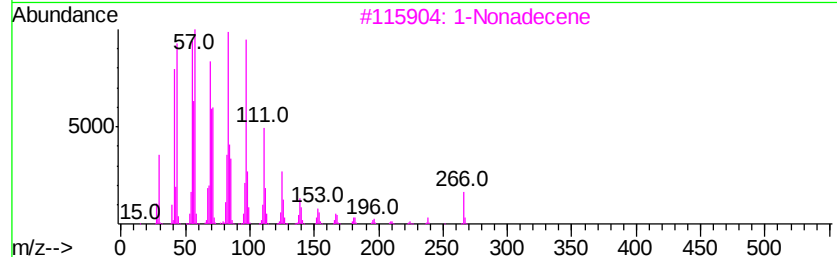
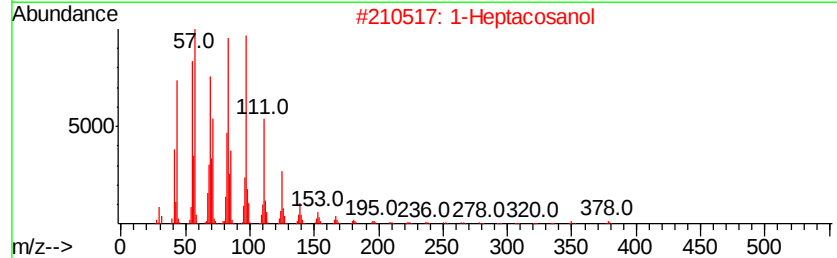
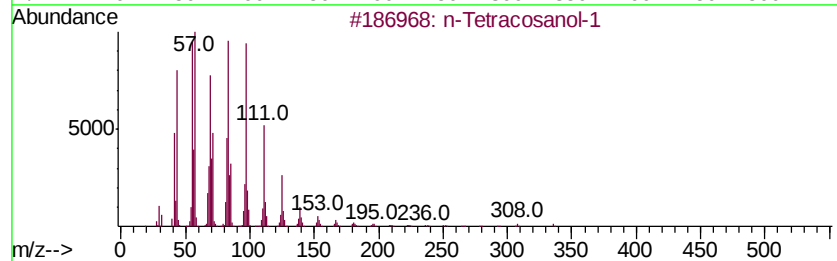
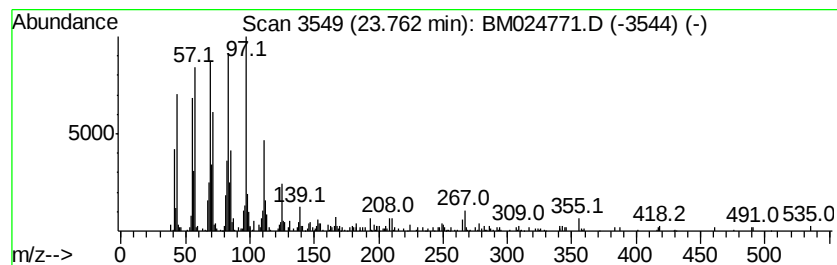
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.88 ng/ul	620134	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		1-Nonadecene	266	C19H38	018435-45-5	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		17-Pentatriacontene	491	C35H70	006971-40-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024771.D
Acq On : 07 Feb 2020 21:05
Operator : CG/JU
Sample : L1399-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6T1

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
E-14-Hexadecenal	20.79	2.6	ng/ul	662603	5	21.03	5001370	20.0
(DEL) Alkane: Str...	21.66	2.1	ng/ul	521947	5	21.03	5001370	20.0
(DEL) Alkane: Str...	23.69	9.3	ng/ul	2012300	6	23.13	4312290	20.0
n-Tetracosanol-1	23.76	2.9	ng/ul	620134	6	23.13	4312290	20.0