

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024078.D
 Acq On : 13 Dec 2019 02:44
 Operator : JU
 Sample : K6089-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR4

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	36	rVB	51186	92235	1.78%	0.136%
2	3.534	107	110	119	rVB3	40549	56606	1.09%	0.084%
3	3.646	125	129	136	rVB	41322	64608	1.25%	0.095%
4	3.728	139	143	148	rVB	34023	50537	0.98%	0.075%
5	4.634	293	297	306	rVV	53372	89462	1.73%	0.132%
6	4.711	306	310	313	rVB5	9139	12237	0.24%	0.018%
7	5.140	381	383	389	rVB4	8061	12239	0.24%	0.018%
8	5.440	431	434	439	rVB6	6180	10529	0.20%	0.016%
9	5.511	442	446	451	rVB6	11102	20067	0.39%	0.030%
10	6.663	634	642	660	rVV2	804336	1642969	31.74%	2.427%
11	6.822	663	669	684	rVV	660103	1111357	21.47%	1.641%
12	7.005	694	700	713	rVV	881699	1455188	28.11%	2.149%
13	7.105	715	717	724	rVB5	16414	28645	0.55%	0.042%
14	7.469	772	779	789	rBV	1617759	2559739	49.45%	3.781%
15	7.558	791	794	803	rVB6	13325	29339	0.57%	0.043%
16	8.187	895	901	912	rVV	732808	1267000	24.48%	1.871%
17	8.305	915	921	926	rVB	40916	75945	1.47%	0.112%
18	8.622	969	975	986	rBV	755401	1318592	25.48%	1.948%
19	8.699	986	988	992	rVV4	17534	25511	0.49%	0.038%
20	8.799	1002	1005	1011	rVB6	11433	23099	0.45%	0.034%
21	9.063	1044	1050	1054	rBV2	29962	43481	0.84%	0.064%
22	9.340	1090	1097	1108	rBV	613525	1058999	20.46%	1.564%
23	9.875	1180	1188	1205	rBV	920366	1681841	32.49%	2.484%
24	10.034	1212	1215	1221	rVB6	9973	16203	0.31%	0.024%
25	10.240	1242	1250	1263	rBV	2165155	3606099	69.67%	5.326%
26	10.393	1269	1276	1298	rBV	690357	1424432	27.52%	2.104%
27	11.093	1390	1395	1399	rBV6	6632	14124	0.27%	0.021%
28	11.281	1422	1427	1434	rVV5	17832	33867	0.65%	0.050%
29	11.693	1491	1497	1504	rVB3	18295	30483	0.59%	0.045%
30	11.845	1518	1523	1529	rVB2	16236	27884	0.54%	0.041%
31	11.922	1529	1536	1543	rVB3	15709	28138	0.54%	0.042%
32	12.140	1567	1573	1578	rBV3	15531	26545	0.51%	0.039%
33	12.398	1613	1617	1622	rVB8	6731	11416	0.22%	0.017%
34	12.475	1622	1630	1633	rVV8	7947	13412	0.26%	0.020%

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35	12.610	1649	1653	1657	rVV5	7553	12067	0.23%	0.018%
36	12.675	1659	1664	1670	rVV4	13950	22665	0.44%	0.033%
37	12.734	1671	1674	1678	rVB3	11879	15171	0.29%	0.022%
38	12.969	1709	1714	1720	rVB3	25526	39521	0.76%	0.058%
39	13.451	1791	1796	1801	rBV7	17748	34249	0.66%	0.051%
40	13.504	1801	1805	1807	rVV4	12290	15558	0.30%	0.023%
41	13.551	1807	1813	1818	rVV	1773575	2437437	47.09%	3.600%
42	13.598	1818	1821	1831	rVV	333229	505630	9.77%	0.747%
43	13.681	1831	1835	1841	rVB7	12665	21498	0.42%	0.032%
44	13.816	1851	1858	1872	rBV	2033465	3027310	58.49%	4.471%
45	14.057	1892	1899	1904	rBV2	28330	43303	0.84%	0.064%
46	14.128	1904	1911	1919	rBV2	3063696	4491765	86.78%	6.634%
47	14.375	1945	1953	1965	rBV	256275	610861	11.80%	0.902%
48	14.539	1977	1981	1984	rBV4	16859	26926	0.52%	0.040%
49	14.581	1984	1988	1992	rVB4	49926	70438	1.36%	0.104%
50	14.681	2001	2005	2010	rVB4	11661	18040	0.35%	0.027%
51	14.816	2024	2028	2032	rVB5	12821	19817	0.38%	0.029%
52	14.928	2041	2047	2049	rBV6	12102	16614	0.32%	0.025%
53	14.963	2049	2053	2054	rVV	9447	10447	0.20%	0.015%
54	15.016	2058	2062	2067	rVB2	35047	49069	0.95%	0.072%
55	15.128	2075	2081	2088	rBV	2515494	3690878	71.31%	5.451%
56	15.275	2101	2106	2119	rBV	419832	669724	12.94%	0.989%
57	15.375	2119	2123	2127	rVV3	27016	36963	0.71%	0.055%
58	15.422	2127	2131	2136	rVB4	13519	25110	0.49%	0.037%
59	15.481	2136	2141	2144	rBV5	11587	17932	0.35%	0.026%
60	15.575	2153	2157	2161	rBV5	15538	22158	0.43%	0.033%
61	15.633	2161	2167	2175	rVB6	12229	32583	0.63%	0.048%
62	15.722	2180	2182	2185	rVV3	10467	11353	0.22%	0.017%
63	15.828	2197	2200	2203	rVV5	7906	11937	0.23%	0.018%
64	15.881	2205	2209	2211	rVV2	47289	59479	1.15%	0.088%
65	15.904	2211	2213	2219	rVB4	39173	59118	1.14%	0.087%
66	16.245	2269	2271	2275	rVB4	9547	10117	0.20%	0.015%
67	16.439	2299	2304	2318	rVB3	45157	99365	1.92%	0.147%
68	16.557	2320	2324	2328	rVB6	13664	23608	0.46%	0.035%
69	16.628	2331	2336	2339	rBV6	13112	21846	0.42%	0.032%
70	16.675	2340	2344	2348	rVV	45078	54621	1.06%	0.081%
71	16.880	2373	2379	2385	rBV	3242797	4746372	91.70%	7.010%

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72	16.980	2391	2396	2409	rVB	2540471	3647551	70.47%	5.387%
73	17.304	2446	2451	2454	rBV8	13567	23399	0.45%	0.035%
74	17.410	2466	2469	2473	rVB	30892	35496	0.69%	0.052%
75	17.651	2508	2510	2515	rBV7	5263	10131	0.20%	0.015%
76	17.763	2525	2529	2532	rBV3	22852	27556	0.53%	0.041%
77	17.804	2532	2536	2544	rBV2	235352	372085	7.19%	0.550%
78	17.945	2557	2560	2565	rVV4	29792	37717	0.73%	0.056%
79	17.992	2566	2568	2575	rVB4	23334	32835	0.63%	0.048%
80	18.104	2582	2587	2593	rBV3	41059	64055	1.24%	0.095%
81	18.274	2612	2616	2621	rBV2	22972	36598	0.71%	0.054%
82	18.692	2683	2687	2692	rBV4	33013	48209	0.93%	0.071%
83	18.745	2692	2696	2700	rBV3	55794	72290	1.40%	0.107%
84	18.845	2707	2713	2715	rBV7	19727	36338	0.70%	0.054%
85	18.927	2723	2727	2728	rBV	27623	36389	0.70%	0.054%
86	18.957	2728	2732	2738	rVB	114249	169035	3.27%	0.250%
87	19.104	2753	2757	2761	rBV4	80359	111522	2.15%	0.165%
88	19.286	2782	2788	2802	rBV2	3132864	4337761	83.81%	6.407%
89	19.869	2885	2887	2890	rVB	43739	45128	0.87%	0.067%
90	20.368	2970	2972	2977	rVB2	66209	68370	1.32%	0.101%
91	20.833	3046	3051	3057	rBV	858348	1257134	24.29%	1.857%
92	21.092	3089	3095	3100	rBV	3865664	5101747	98.57%	7.535%
93	21.274	3123	3126	3132	rVB2	195708	224817	4.34%	0.332%
94	21.692	3194	3197	3204	rVB	313291	417356	8.06%	0.616%
95	22.133	3269	3272	3276	rVB	468677	552232	10.67%	0.816%
96	22.609	3350	3353	3360	rVB2	597149	837353	16.18%	1.237%
97	23.092	3430	3435	3440	rBV	2420863	4009276	77.46%	5.922%
98	23.145	3441	3444	3451	rVB2	642633	952491	18.40%	1.407%
99	23.227	3452	3458	3466	rVB	2924291	5175904	100.00%	7.645%
100	23.751	3543	3547	3554	rVB	521420	919528	17.77%	1.358%

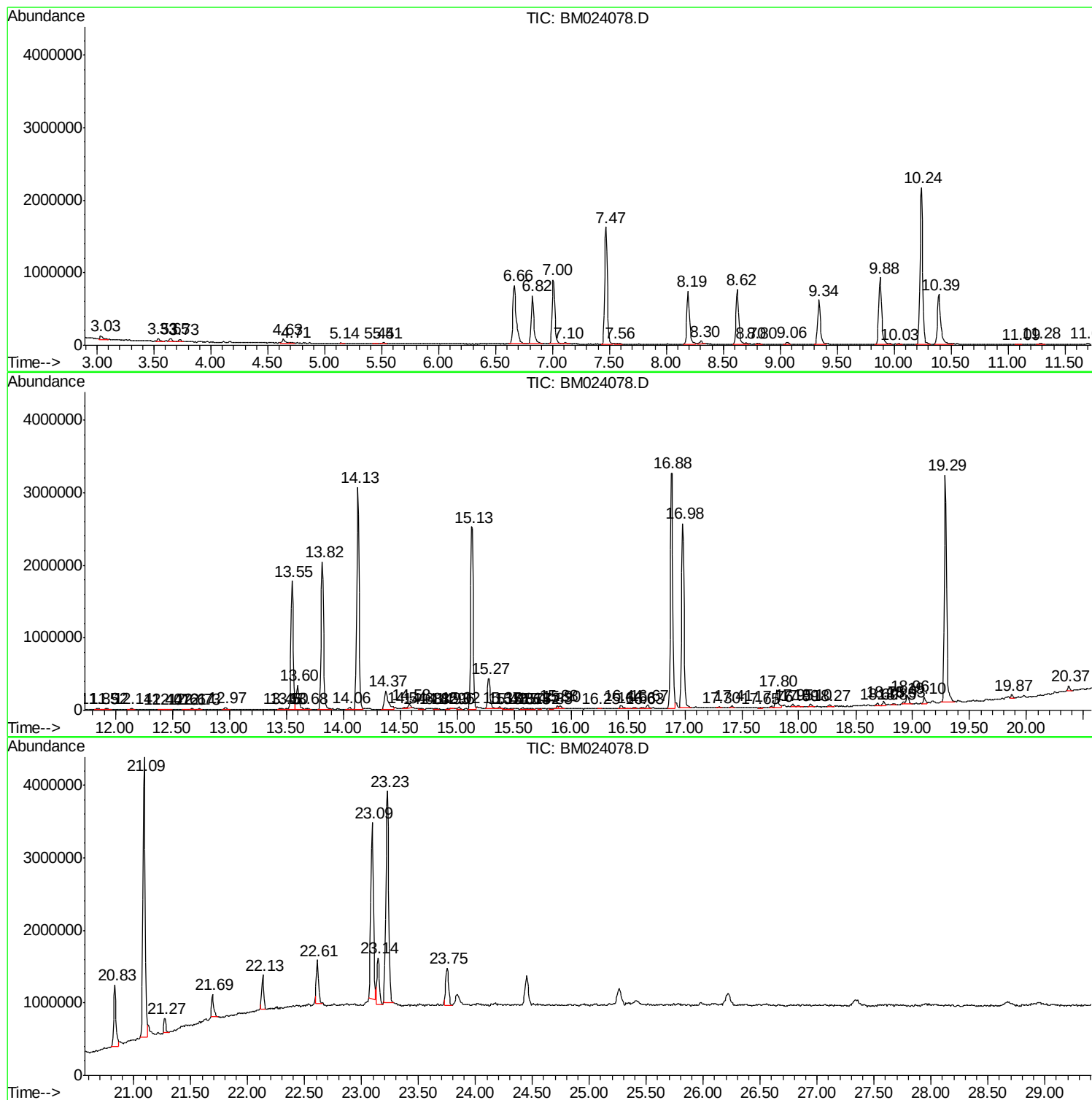
Sum of corrected areas: 67704681

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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



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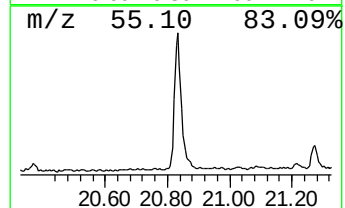
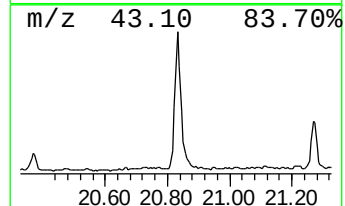
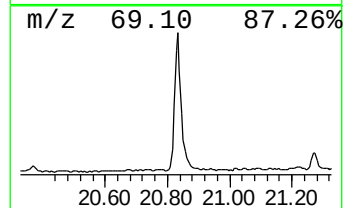
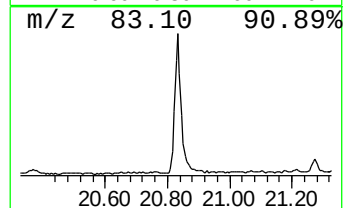
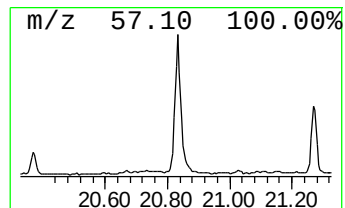
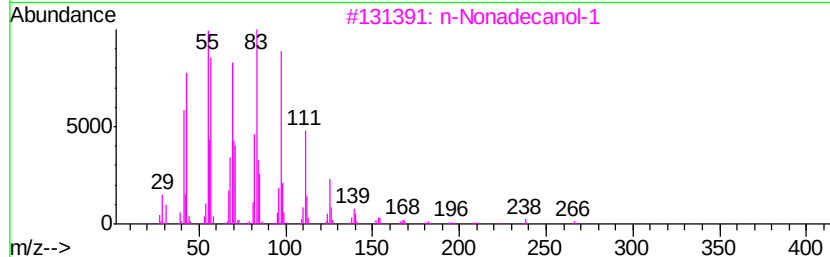
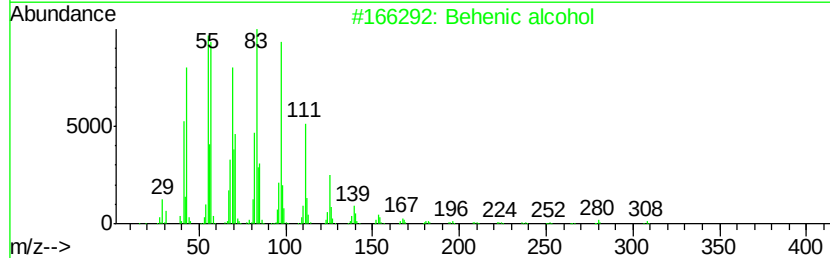
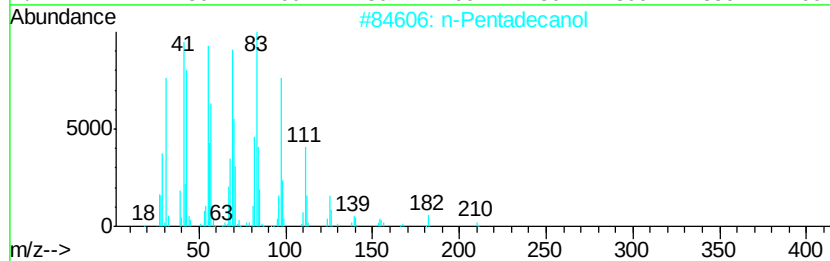
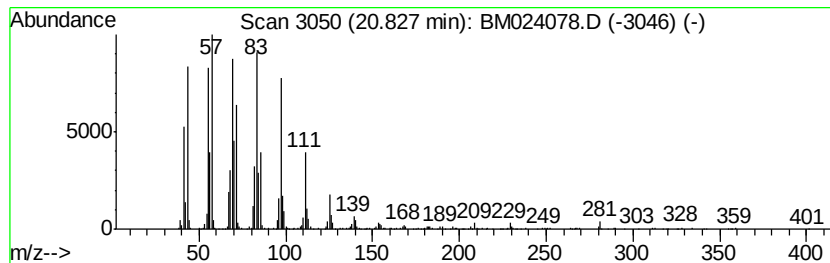
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Pentadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	4.93 ng/ul	1257130	Chrysene-d12	21.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecanol	228	C15H32O	000629-76-5	87
2	Behenic alcohol	326	C22H46O	000661-19-8	87
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	83
5	1-Hexadecanol	242	C16H34O	036653-82-4	83



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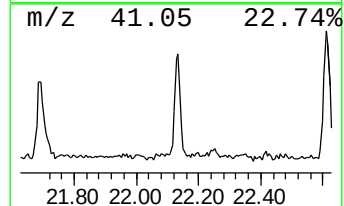
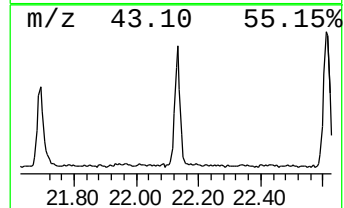
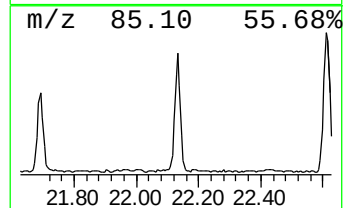
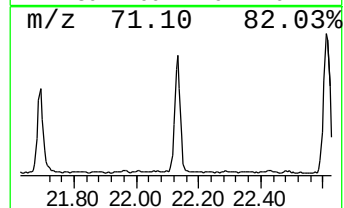
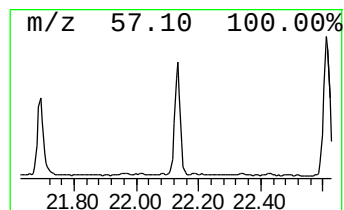
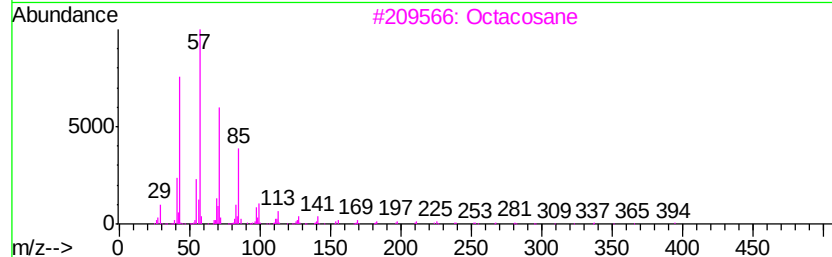
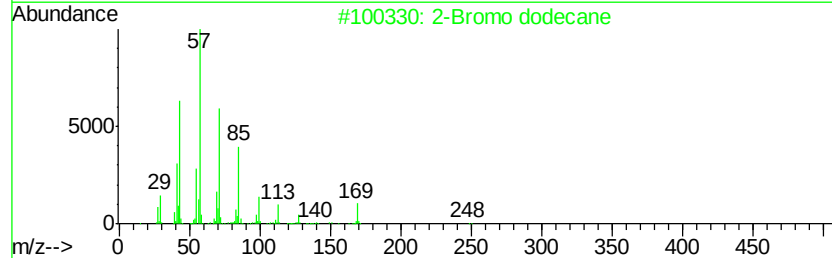
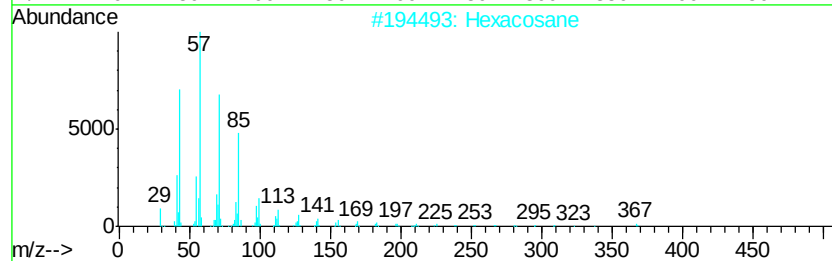
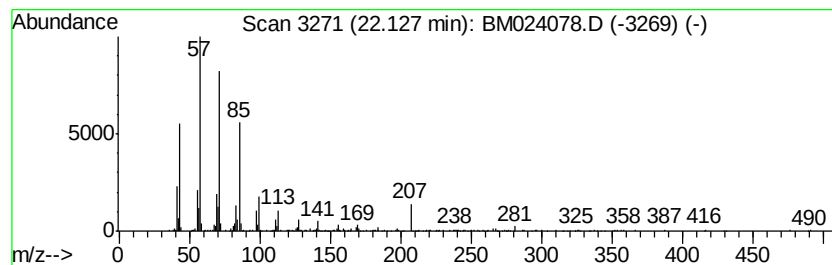
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.16 ng/ul	552232	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



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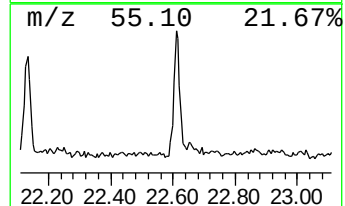
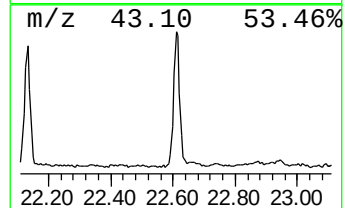
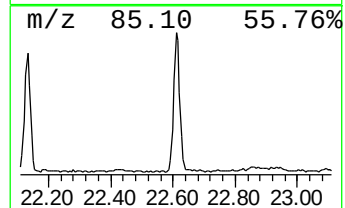
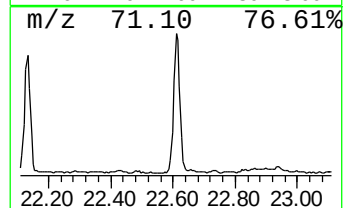
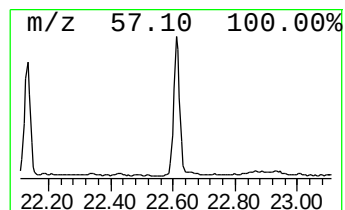
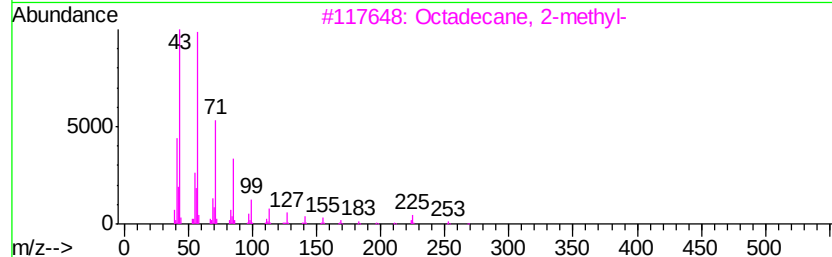
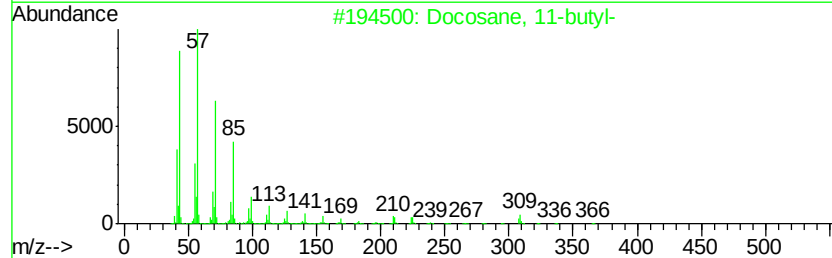
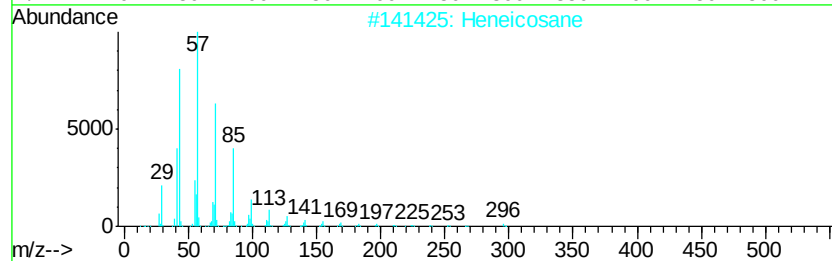
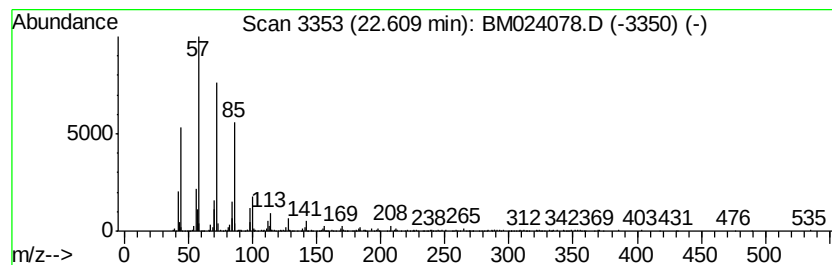
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.24 ng/ul	837353	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
4		Octadecane	254	C18H38	000593-45-3	80
5		Tricosane	324	C23H48	000638-67-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024078.D
Acq On : 13 Dec 2019 02:44
Operator : JU
Sample : K6089-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR4

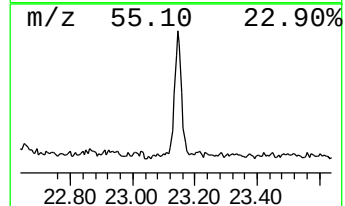
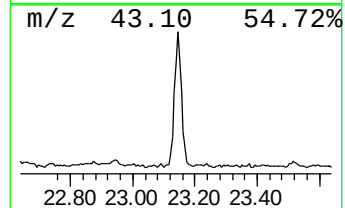
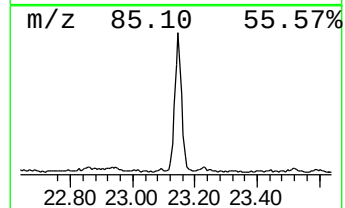
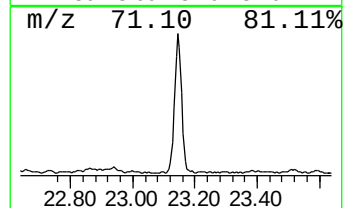
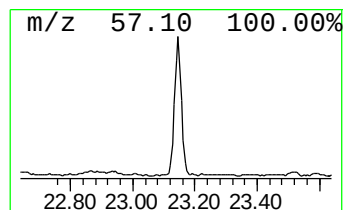
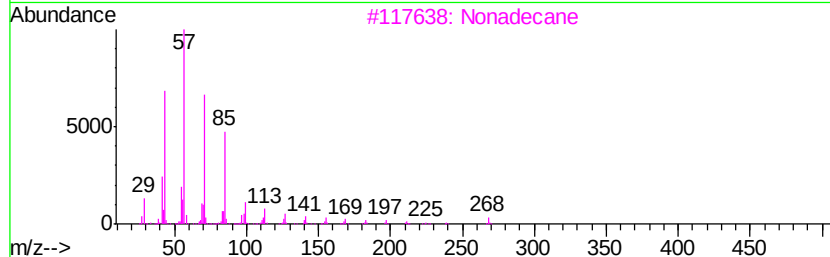
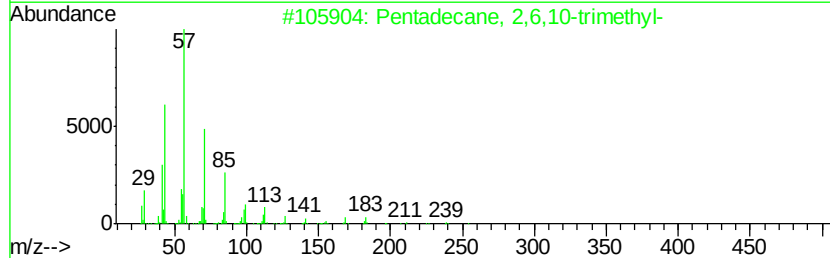
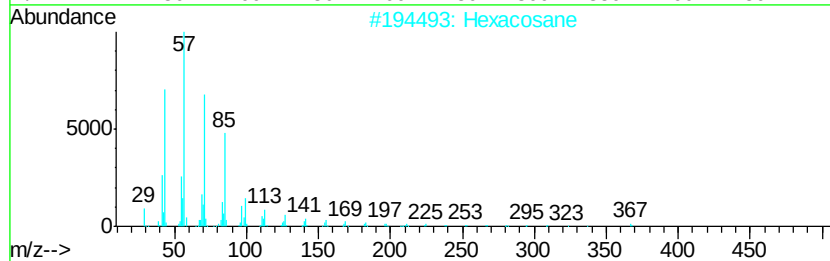
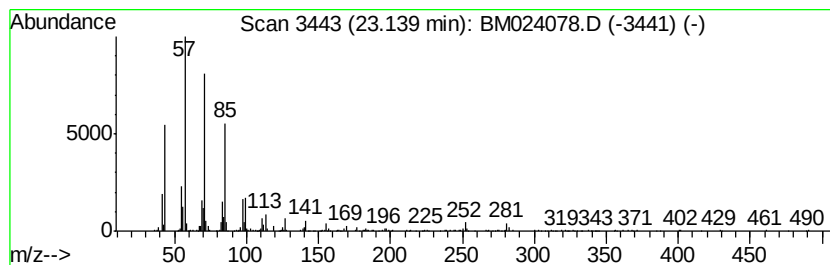
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	3.68 ng/ul	952491	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
3		Nonadecane	268	C19H40	000629-92-5	86
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024078.D
Acq On : 13 Dec 2019 02:44
Operator : JU
Sample : K6089-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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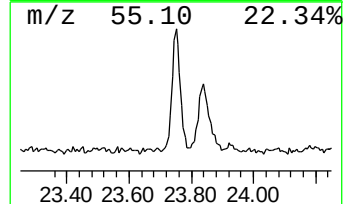
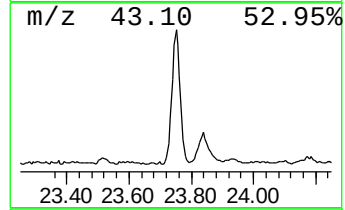
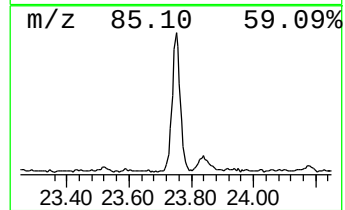
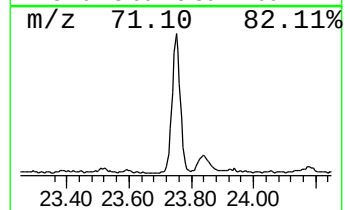
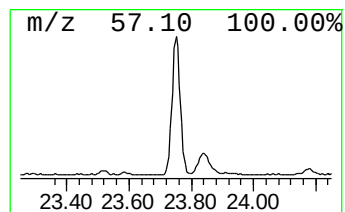
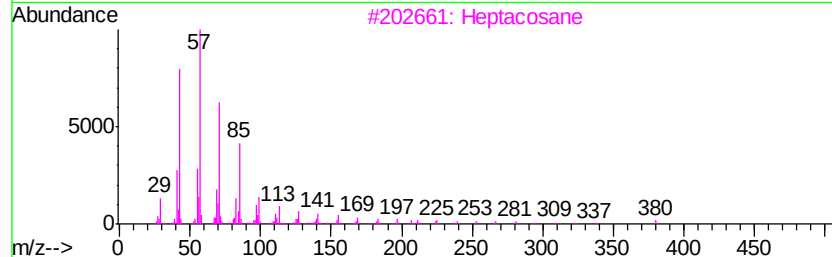
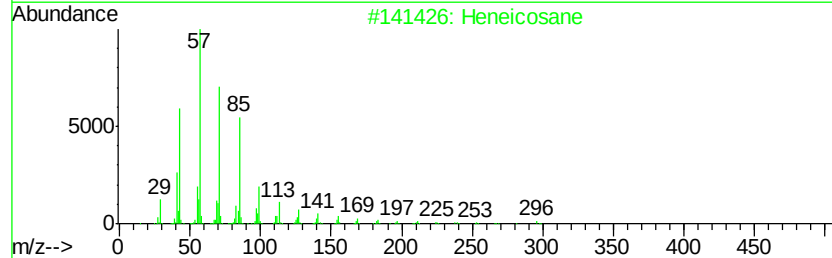
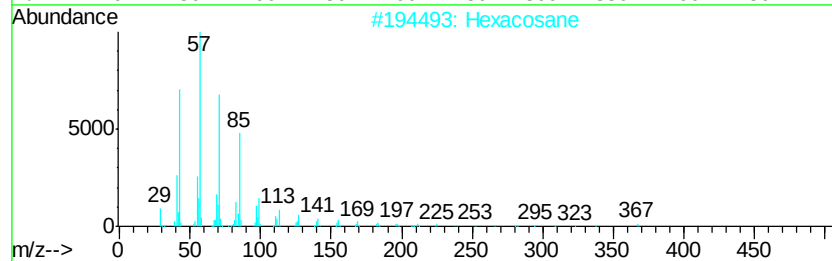
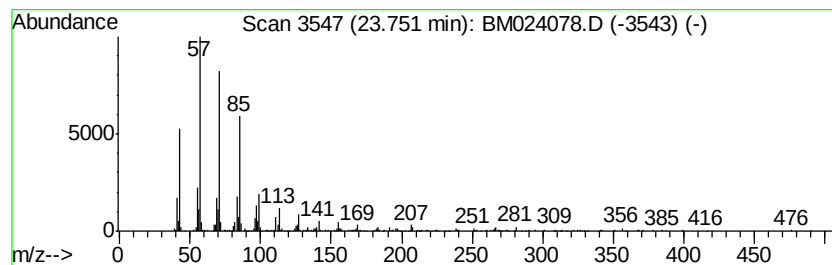
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.55 ng/ul	919528	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		2-methylhexacosane	380	C27H56	1000376-72-7	91



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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR4

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-Pentadecanol	20.83	4.9	ng/ul	1257130	5	21.09	5101750	20.0
(DEL) Alkane: Str...	22.13	2.2	ng/ul	552232	5	21.09	5101750	20.0
(DEL) Alkane: Str...	22.61	3.2	ng/ul	837353	6	23.23	5175900	20.0
(DEL) Alkane: Str...	23.14	3.7	ng/ul	952491	6	23.23	5175900	20.0
(DEL) Alkane: Str...	23.75	3.5	ng/ul	919528	6	23.23	5175900	20.0