

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024595.D
 Acq On : 22 Jan 2020 23:07
 Operator : JU
 Sample : L1118-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASN7

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-BM011520MA.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	3.057	26	29	34	rBV	37770	45893	0.77%	0.069%
2	3.328	71	75	86	rBV	15428	33342	0.56%	0.050%
3	3.669	130	133	137	rVB4	9807	12546	0.21%	0.019%
4	3.751	143	147	152	rBV6	8713	13672	0.23%	0.021%
5	4.581	287	288	293	rBV4	4261	6977	0.12%	0.011%
6	4.640	295	298	305	rVV4	9724	15878	0.27%	0.024%
7	5.016	361	362	367	rVB4	5002	6647	0.11%	0.010%
8	5.616	459	464	469	rVB7	4863	8582	0.14%	0.013%
9	6.481	608	611	623	rVB7	7331	17483	0.29%	0.026%
10	6.639	632	638	654	rVB2	813674	1477421	24.87%	2.233%
11	6.798	660	665	675	rVB	580565	871095	14.66%	1.316%
12	6.992	691	698	705	rBV	874896	1348477	22.70%	2.038%
13	7.169	723	728	731	rBV5	5613	8335	0.14%	0.013%
14	7.451	769	776	785	rBV	833845	1272750	21.42%	1.923%
15	7.539	785	791	796	rVV	43158	64765	1.09%	0.098%
16	8.163	890	897	908	rBV	1060623	1697439	28.57%	2.565%
17	8.586	962	969	980	rVB	857447	1381356	23.25%	2.088%
18	8.739	990	995	999	rBV6	8337	12668	0.21%	0.019%
19	8.781	999	1002	1006	rVB5	14149	20047	0.34%	0.030%
20	9.086	1050	1054	1060	rVB4	9972	17929	0.30%	0.027%
21	9.304	1084	1091	1106	rBV	781371	1248113	21.01%	1.886%
22	9.839	1175	1182	1191	rBV	1198899	1932907	32.53%	2.921%
23	10.210	1237	1245	1253	rBV	1195931	1923777	32.38%	2.907%
24	10.345	1261	1268	1280	rBV	1040141	1742786	29.33%	2.634%
25	11.039	1383	1386	1391	rVB4	7651	10719	0.18%	0.016%
26	11.580	1474	1478	1483	rVB7	4085	7796	0.13%	0.012%
27	11.810	1510	1517	1522	rBV	20815	30865	0.52%	0.047%
28	12.463	1623	1628	1634	rVB4	3409	6415	0.11%	0.010%
29	12.716	1666	1671	1674	rBV6	5775	9718	0.16%	0.015%
30	13.021	1719	1723	1728	rBV	21547	32710	0.55%	0.049%
31	13.521	1801	1808	1812	rBV	2289957	3038277	51.14%	4.591%
32	13.568	1812	1816	1822	rVB	747632	975369	16.42%	1.474%
33	13.786	1846	1853	1862	rBV	2490044	3653179	61.49%	5.521%
34	14.098	1899	1906	1915	rBV	2065777	2923780	49.21%	4.418%

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35	14.310	1936	1942	1965	rBV	822018	1281560	21.57%	1.937%
36	14.539	1976	1981	1984	rBV4	13592	22256	0.37%	0.034%
37	14.945	2046	2050	2056	rBV3	11374	16467	0.28%	0.025%
38	15.004	2056	2060	2063	rBV3	7045	9779	0.16%	0.015%
39	15.098	2070	2076	2088	rBV	3339776	4574731	77.00%	6.913%
40	15.221	2092	2097	2113	rVV	868410	1178683	19.84%	1.781%
41	15.339	2113	2117	2122	rVB2	34349	48474	0.82%	0.073%
42	15.562	2151	2155	2157	rBV4	9831	10848	0.18%	0.016%
43	15.692	2170	2177	2180	rBV7	5805	8367	0.14%	0.013%
44	15.880	2205	2209	2220	rVB5	13219	26272	0.44%	0.040%
45	16.021	2232	2233	2239	rVB4	5880	8189	0.14%	0.012%
46	16.633	2330	2337	2340	rBV3	10084	18979	0.32%	0.029%
47	16.662	2340	2342	2347	rVB5	6007	8458	0.14%	0.013%
48	16.845	2367	2373	2384	rBV	2560208	3663833	61.67%	5.537%
49	16.945	2384	2390	2407	rVV	3706392	5032561	84.71%	7.605%
50	17.062	2407	2410	2414	rVV5	10744	14260	0.24%	0.022%
51	17.168	2424	2428	2430	rBV5	6576	7336	0.12%	0.011%
52	17.274	2442	2446	2450	rBV4	14982	21225	0.36%	0.032%
53	17.403	2463	2468	2470	rBV4	6165	7967	0.13%	0.012%
54	17.545	2490	2492	2495	rBV4	8774	12187	0.21%	0.018%
55	17.656	2506	2511	2513	rBV6	6823	10560	0.18%	0.016%
56	17.792	2528	2534	2542	rBV	575955	808871	13.61%	1.222%
57	17.845	2542	2543	2553	rVB2	34888	49351	0.83%	0.075%
58	18.098	2579	2586	2593	rBV10	13265	30717	0.52%	0.046%
59	18.227	2606	2608	2611	rVB3	8899	8530	0.14%	0.013%
60	18.462	2646	2648	2652	rVB5	6552	7743	0.13%	0.012%
61	18.662	2679	2682	2685	rBV5	6586	8946	0.15%	0.014%
62	18.739	2691	2695	2698	rBV4	23813	32396	0.55%	0.049%
63	18.768	2698	2700	2703	rVB4	6581	6158	0.10%	0.009%
64	18.886	2715	2720	2724	rBV	47557	66426	1.12%	0.100%
65	18.933	2724	2728	2729	rVV4	13263	18893	0.32%	0.029%
66	18.956	2729	2732	2743	rVB10	23842	50224	0.85%	0.076%
67	19.080	2749	2753	2760	rBV	230348	326729	5.50%	0.494%
68	19.133	2760	2762	2768	rVB	38567	56927	0.96%	0.086%
69	19.250	2776	2782	2791	rBV	4571925	5941069	100.00%	8.978%
70	19.321	2791	2794	2798	rVB3	48187	52015	0.88%	0.079%
71	19.668	2851	2853	2855	rBV3	8051	6119	0.10%	0.009%

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72	19.821	2877	2879	2882	rVB3	19729	20798	0.35%	0.031%
73	19.862	2882	2886	2891	rBV4	35593	49143	0.83%	0.074%
74	20.356	2968	2970	2975	rVB2	34111	39111	0.66%	0.059%
75	20.756	3034	3038	3041	rBV2	34044	56478	0.95%	0.085%
76	20.809	3043	3047	3058	rVV	642145	950706	16.00%	1.437%
77	21.056	3083	3089	3098	rBV	3040469	3904732	65.72%	5.901%
78	21.262	3120	3124	3129	rBV	207369	224341	3.78%	0.339%
79	21.680	3191	3195	3203	rBV	344868	449181	7.56%	0.679%
80	22.121	3266	3270	3278	rVB	478840	559454	9.42%	0.845%
81	22.233	3287	3289	3297	rVB2	77049	94746	1.59%	0.143%
82	22.597	3347	3351	3360	rVB	524582	704840	11.86%	1.065%
83	23.038	3419	3426	3436	rVV	2634186	4562291	76.79%	6.895%
84	23.127	3437	3441	3444	rVV	487349	813537	13.69%	1.229%
85	23.168	3444	3448	3457	rVB	1911641	3215800	54.13%	4.860%
86	23.727	3538	3543	3550	rVB	375355	667727	11.24%	1.009%
87	24.421	3656	3661	3671	rVB3	260656	535478	9.01%	0.809%

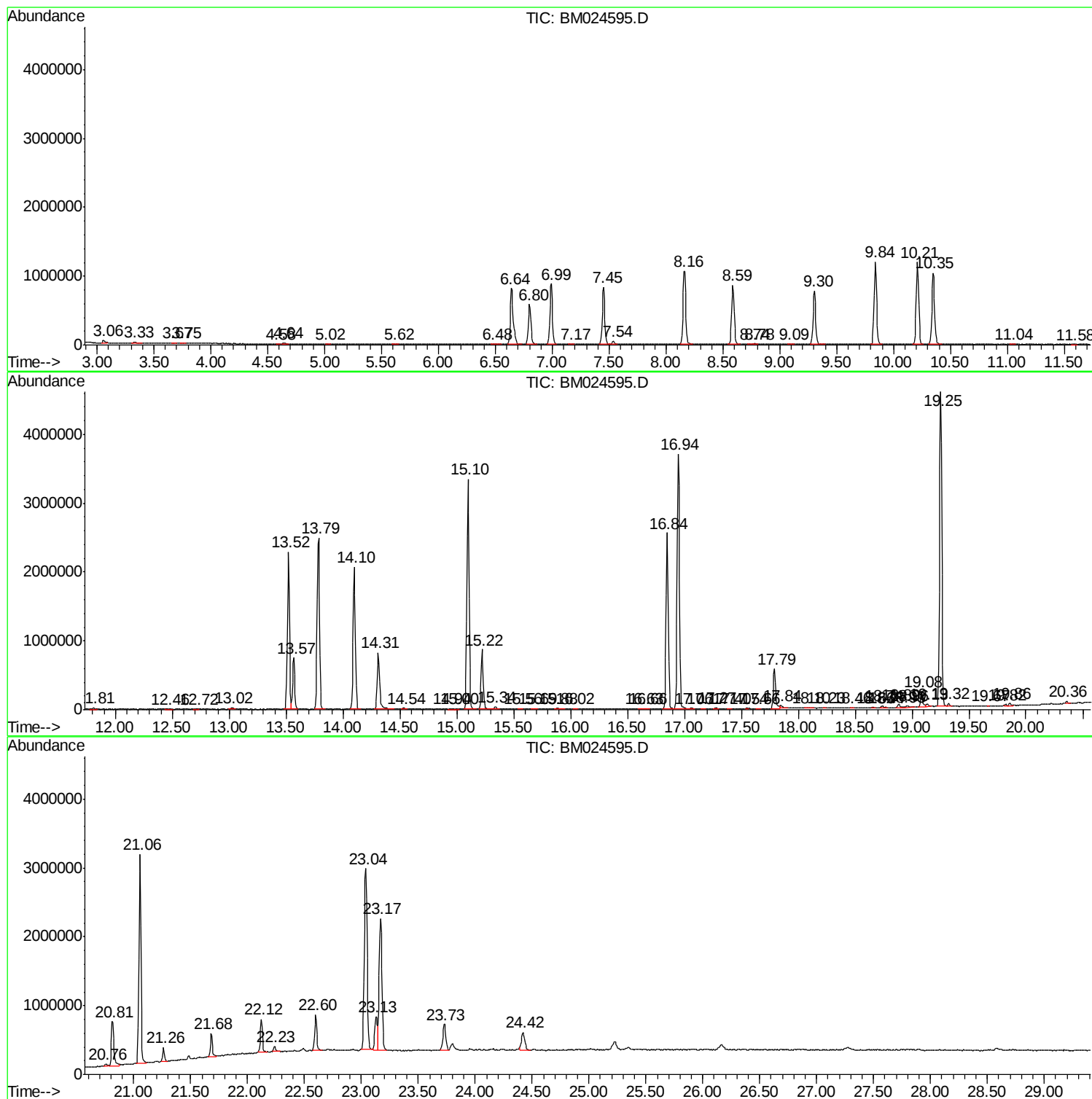
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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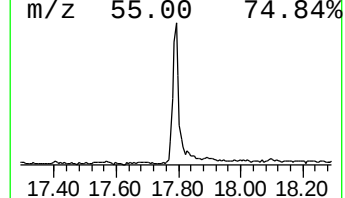
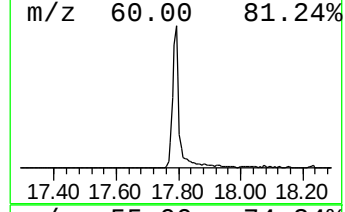
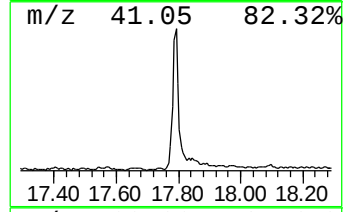
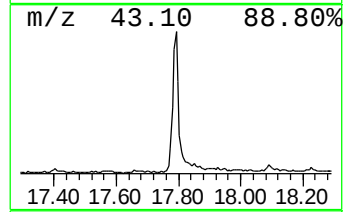
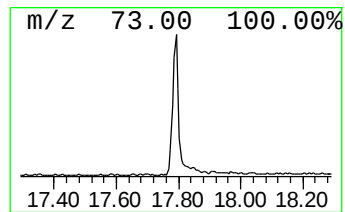
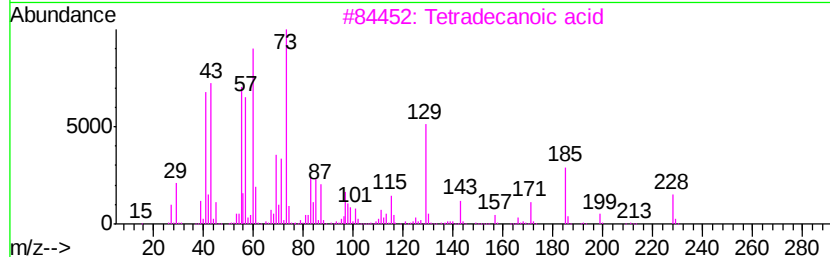
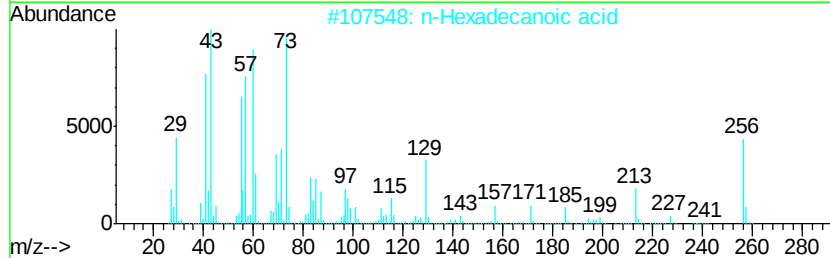
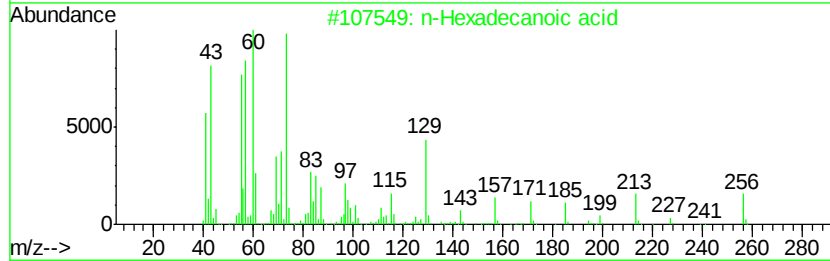
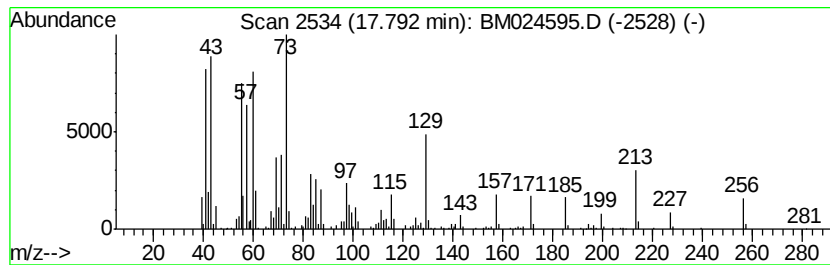
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.79	4.42 ng/ul	808871	Phenanthrene-d10		16.84		
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			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	83



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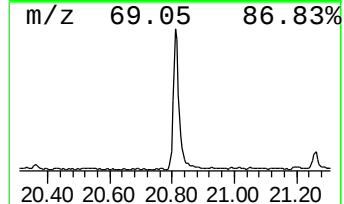
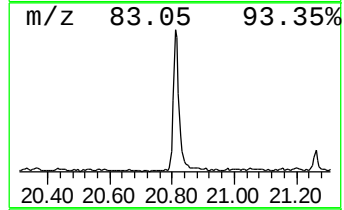
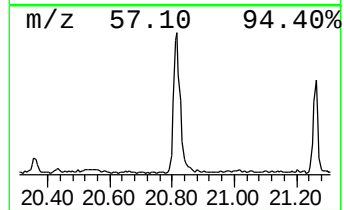
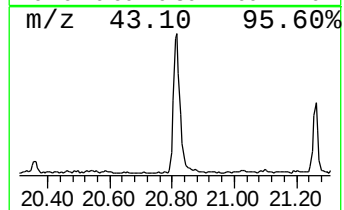
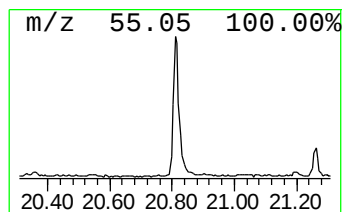
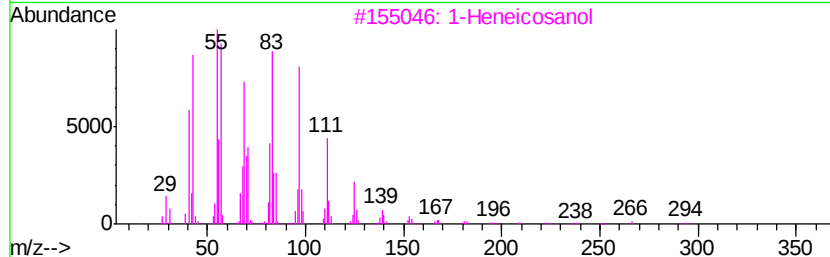
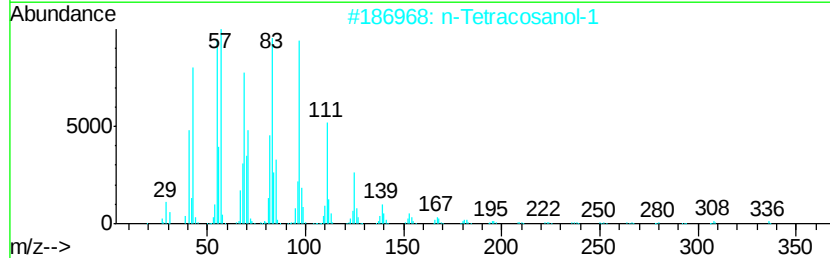
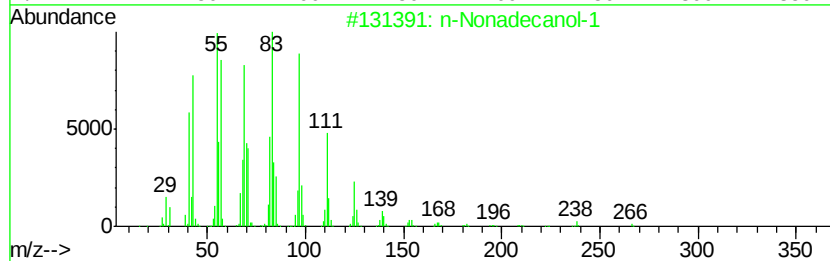
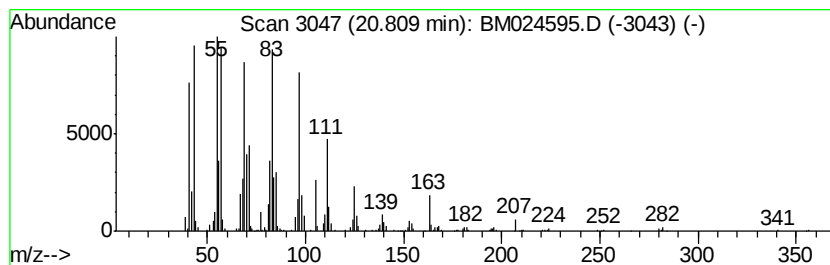
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.81	4.87 ng/ul	950706	Chrysene-d12	21.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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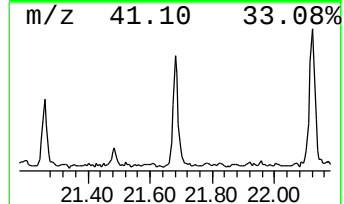
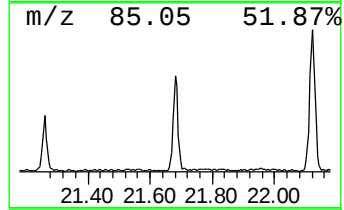
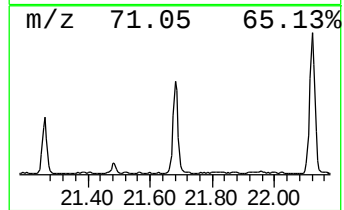
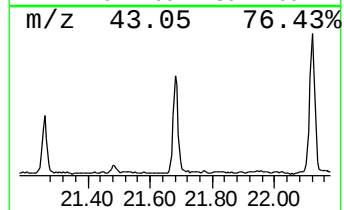
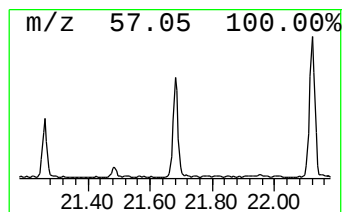
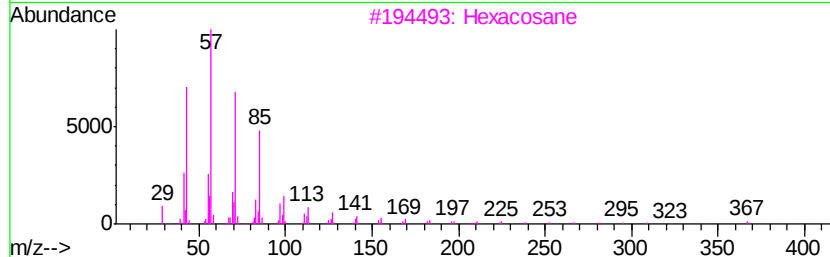
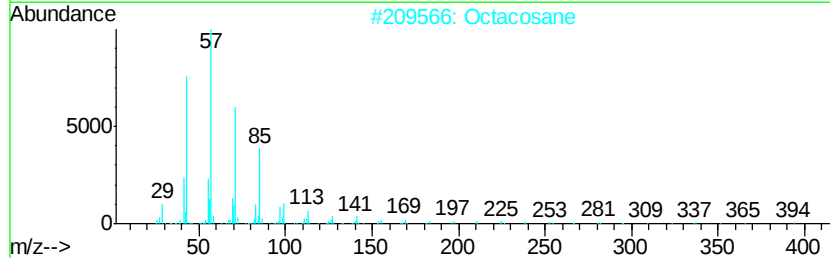
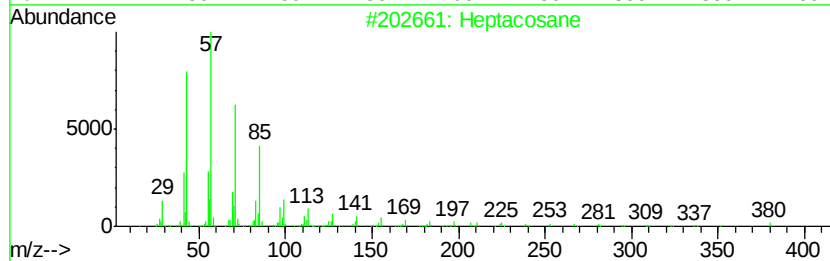
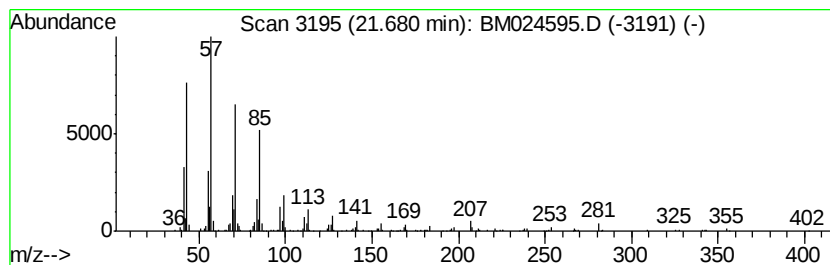
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.30 ng/ul	449181	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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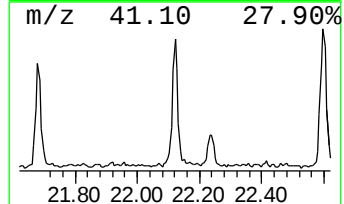
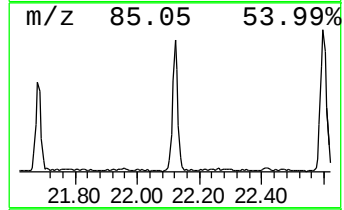
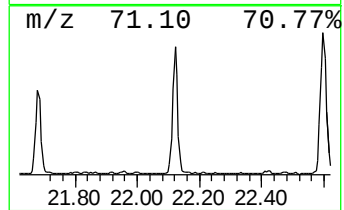
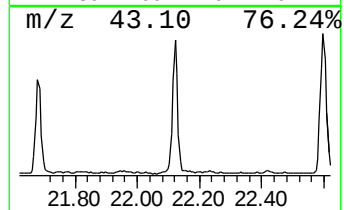
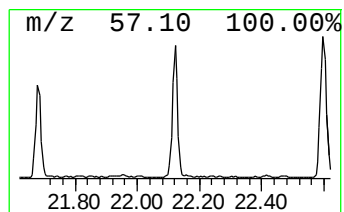
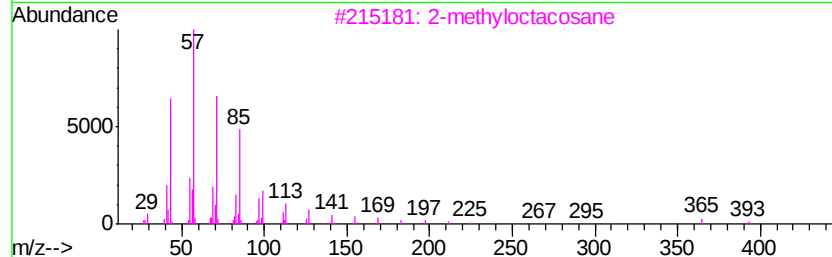
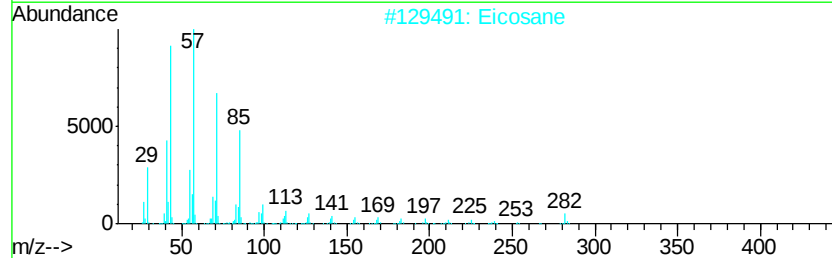
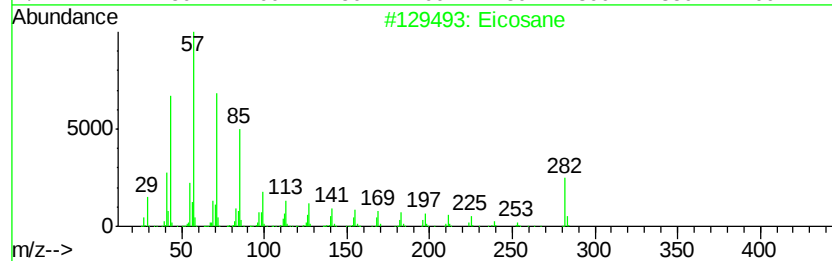
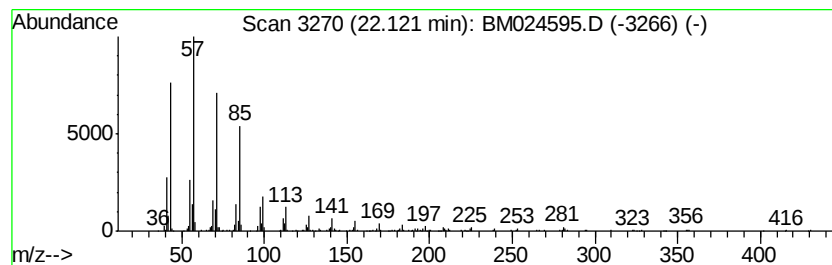
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	3.48 ng/ul	559454	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024595.D
Acq On : 22 Jan 2020 23:07
Operator : JU
Sample : L1118-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN7

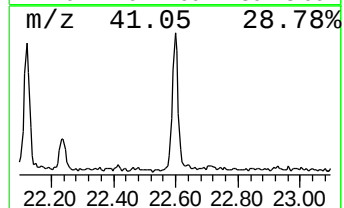
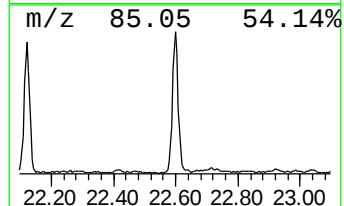
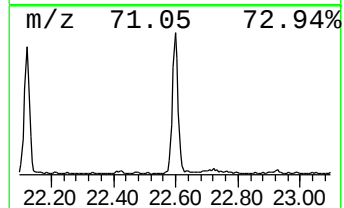
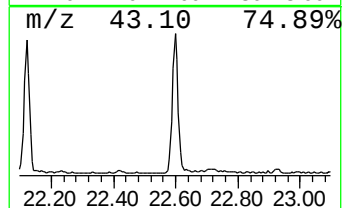
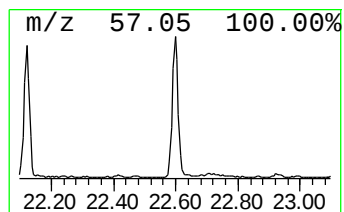
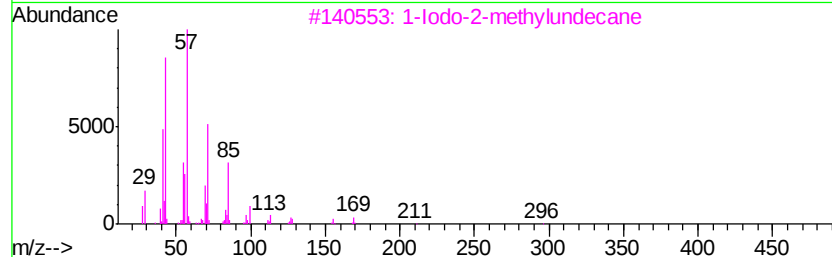
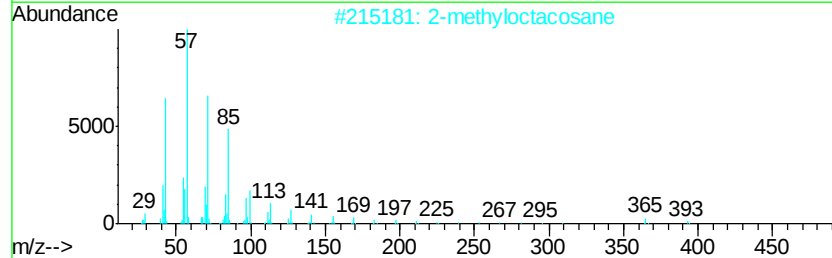
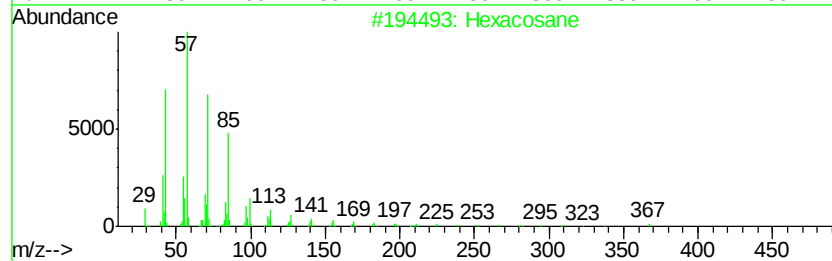
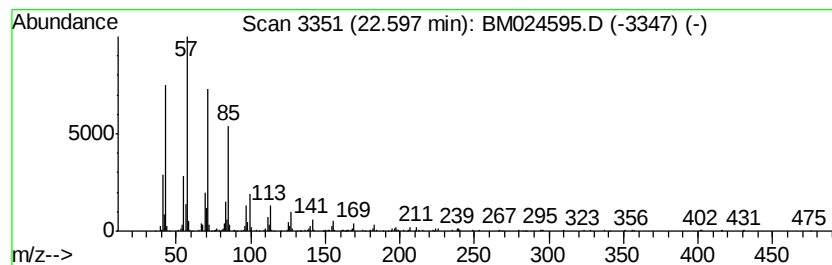
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	4.38 ng/ul	704840	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024595.D
Acq On : 22 Jan 2020 23:07
Operator : JU
Sample : L1118-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN7

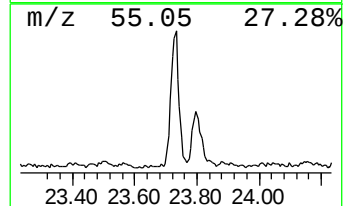
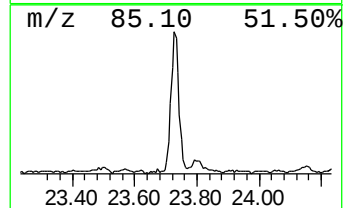
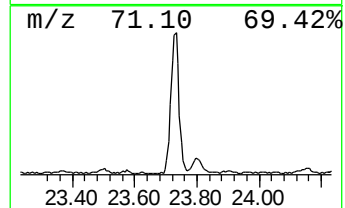
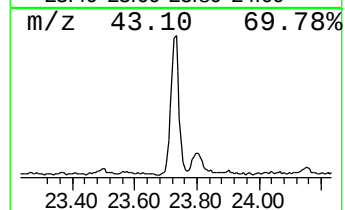
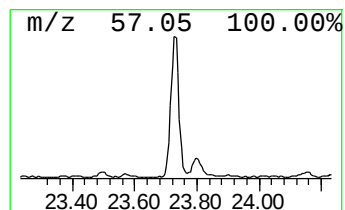
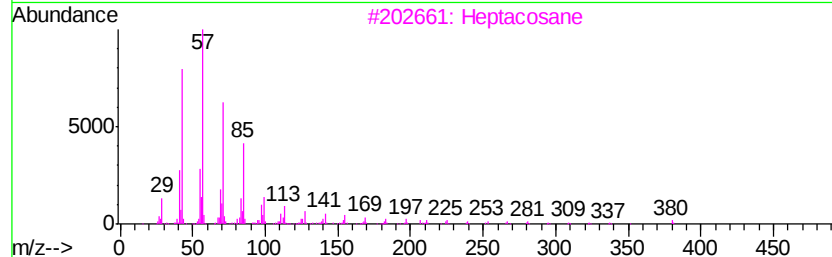
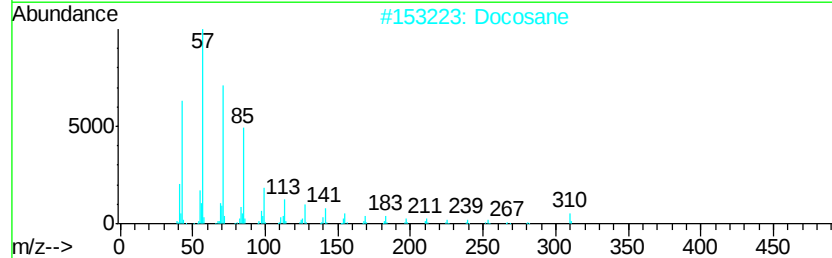
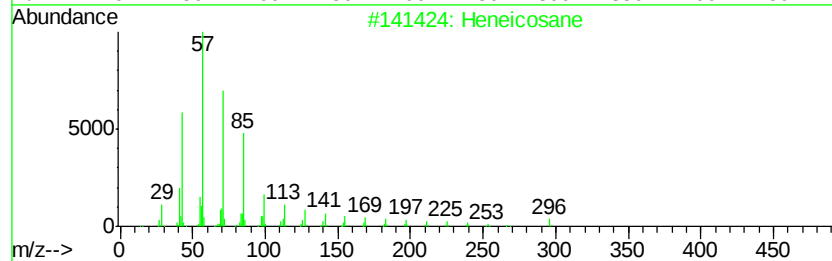
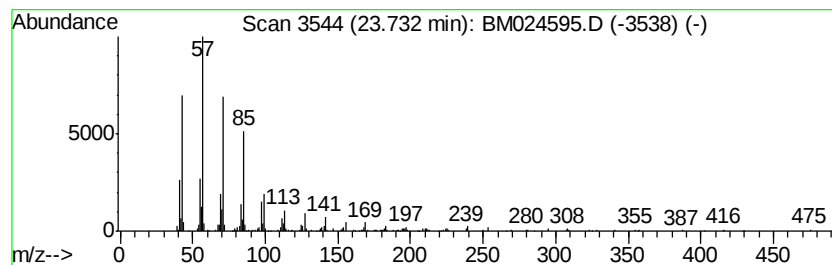
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	4.15 ng/ul	667727	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Docosane	310	C22H46	000629-97-0	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024595.D
Acq On : 22 Jan 2020 23:07
Operator : JU
Sample : L1118-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN7

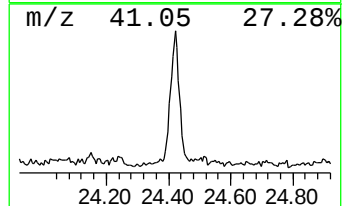
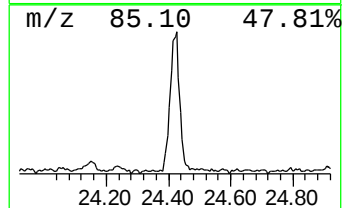
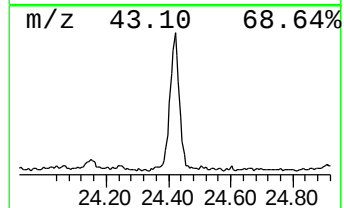
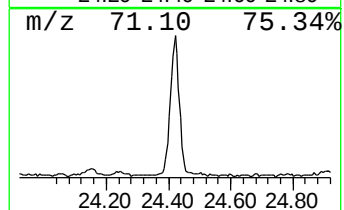
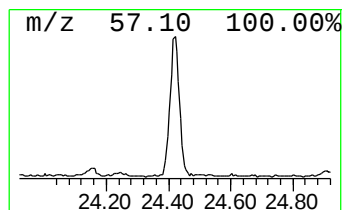
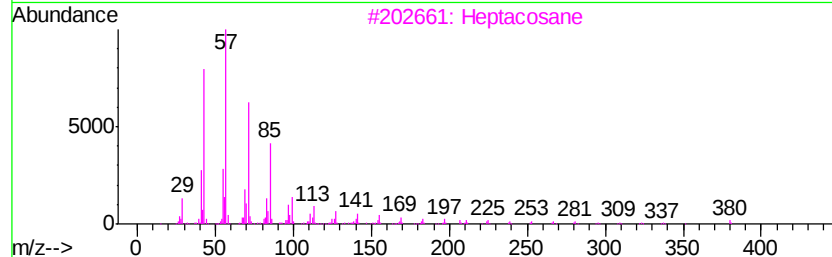
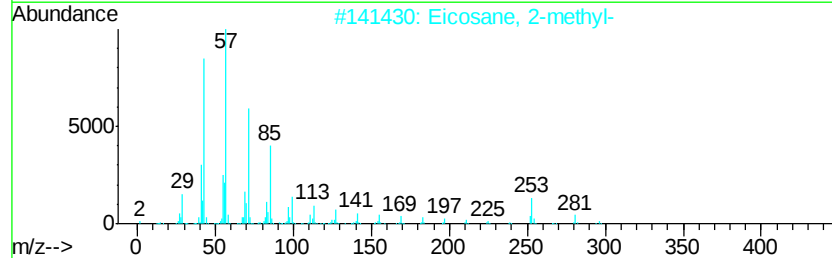
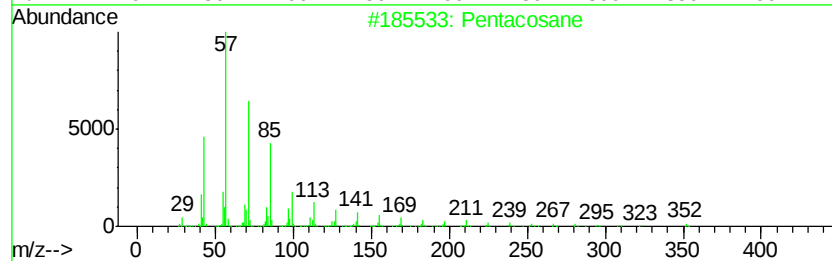
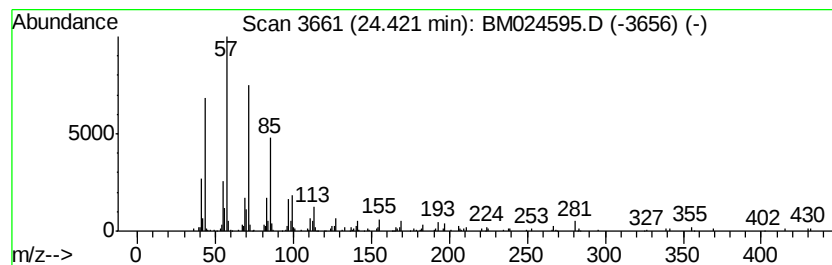
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.42	3.33 ng/ul	535478	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024595.D
Acq On : 22 Jan 2020 23:07
Operator : JU
Sample : L1118-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.79	4.4	ng/ul	808871	4	16.84	3663830	20.0
n-Nonadecanol-1	20.81	4.9	ng/ul	950706	5	21.06	3904730	20.0
(DEL) Alkane: Str...	21.68	2.3	ng/ul	449181	5	21.06	3904730	20.0
(DEL) Alkane: Str...	22.12	3.5	ng/ul	559454	6	23.17	3215800	20.0
(DEL) Alkane: Str...	22.60	4.4	ng/ul	704840	6	23.17	3215800	20.0
(DEL) Alkane: Str...	23.73	4.2	ng/ul	667727	6	23.17	3215800	20.0
(DEL) Alkane: Str...	24.42	3.3	ng/ul	535478	6	23.17	3215800	20.0