

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005566.D
 Acq On : 09 May 2019 15:13
 Operator : JU/SJ
 Sample : K2606-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5146

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_N\METHODS\SOM-EPA-BN041919MA.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	3.210	34	38	46	rVB2	45277	63880	0.65%	0.069%
2	3.457	77	80	90	rVB2	36034	63208	0.65%	0.068%
3	6.769	637	643	656	rBV	1078893	1901827	19.49%	2.058%
4	6.934	665	671	680	rVB	868895	1352167	13.86%	1.463%
5	7.122	697	703	714	rVB	1081877	1785377	18.30%	1.932%
6	7.587	775	782	792	rVB	914573	1496597	15.34%	1.619%
7	8.287	894	901	917	rBV	1519409	2553522	26.17%	2.763%
8	8.728	969	976	987	rBV	1254852	2062716	21.14%	2.232%
9	9.163	1046	1050	1053	rBV2	9960	13413	0.14%	0.015%
10	9.439	1091	1097	1108	rBV	1028414	1798643	18.43%	1.946%
11	9.975	1181	1188	1207	rBV	1531095	2806882	28.76%	3.037%
12	10.345	1242	1251	1259	rBV	1425021	2315565	23.73%	2.505%
13	10.486	1268	1275	1300	rBV	1478559	2867453	29.39%	3.103%
14	11.957	1519	1525	1535	rBV	20581	45012	0.46%	0.049%
15	12.563	1623	1628	1633	rBV3	7157	10230	0.10%	0.011%
16	12.828	1668	1673	1678	rBV5	11307	16981	0.17%	0.018%
17	13.122	1715	1723	1729	rBV	67891	105822	1.08%	0.114%
18	13.639	1804	1811	1815	rBV	3477528	4911306	50.33%	5.314%
19	13.686	1815	1819	1830	rVV	1034048	1522581	15.60%	1.647%
20	13.757	1830	1831	1836	rVB4	7903	9936	0.10%	0.011%
21	13.910	1849	1857	1874	rBV	3975015	5866787	60.12%	6.348%
22	14.145	1892	1897	1902	rVB3	11769	15425	0.16%	0.017%
23	14.222	1902	1910	1920	rBV2	2028466	3226014	33.06%	3.491%
24	14.439	1941	1947	1971	rBV	1106520	2398320	24.58%	2.595%
25	14.663	1983	1985	1991	rVB6	9845	12583	0.13%	0.014%
26	15.039	2046	2049	2052	rBV2	16164	19131	0.20%	0.021%
27	15.098	2056	2059	2064	rVB2	20428	24744	0.25%	0.027%
28	15.222	2073	2080	2096	rBV	5129778	7316715	74.98%	7.917%
29	15.357	2098	2103	2115	rBV	1108210	1795752	18.40%	1.943%
30	15.463	2117	2121	2126	rVB2	65970	93416	0.96%	0.101%
31	15.604	2141	2145	2149	rVB5	8742	14302	0.15%	0.015%
32	15.657	2149	2154	2159	rBV7	7855	12611	0.13%	0.014%
33	15.798	2173	2178	2182	rBV4	7670	15007	0.15%	0.016%
34	15.916	2193	2198	2201	rVB4	9331	13591	0.14%	0.015%

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35	15.963	2201	2206	2209	rVV3	17080	24003	0.25%	0.026%
36	16.010	2209	2214	2222	rVB5	26546	61542	0.63%	0.067%
37	16.133	2231	2235	2239	rVB3	15378	20989	0.22%	0.023%
38	16.321	2261	2267	2271	rBV5	8514	15284	0.16%	0.017%
39	16.363	2271	2274	2279	rBV5	5738	9826	0.10%	0.011%
40	16.657	2321	2324	2328	rVB5	11276	12337	0.13%	0.013%
41	16.757	2337	2341	2347	rBV5	23707	39306	0.40%	0.043%
42	16.921	2361	2369	2371	rBV6	8358	12143	0.12%	0.013%
43	16.974	2371	2378	2388	rBV2	2818070	3964169	40.62%	4.289%
44	17.074	2389	2395	2410	rVB2	5559810	8314923	85.21%	8.997%
45	17.274	2427	2429	2431	rBV3	7958	9793	0.10%	0.011%
46	17.386	2444	2448	2451	rBV5	16352	23966	0.25%	0.026%
47	17.498	2463	2467	2470	rBV4	12736	16324	0.17%	0.018%
48	17.668	2492	2496	2501	rVB6	12415	19579	0.20%	0.021%
49	17.780	2510	2515	2516	rBV4	7707	10317	0.11%	0.011%
50	17.898	2529	2535	2551	rBV	877136	1553265	15.92%	1.681%
51	18.133	2573	2575	2580	rVB6	10453	11874	0.12%	0.013%
52	18.192	2582	2585	2588	rVV2	28729	37330	0.38%	0.040%
53	18.233	2590	2592	2599	rVB8	16741	22958	0.24%	0.025%
54	18.327	2606	2608	2612	rVB5	12593	11254	0.12%	0.012%
55	18.563	2644	2648	2650	rBV5	8392	13748	0.14%	0.015%
56	18.662	2662	2665	2668	rBV4	10982	15143	0.16%	0.016%
57	18.774	2681	2684	2688	rBV4	14248	19330	0.20%	0.021%
58	18.839	2691	2695	2701	rVB2	61143	85398	0.88%	0.092%
59	18.951	2711	2714	2718	rVB6	11634	14136	0.14%	0.015%
60	19.021	2722	2726	2730	rBV	65743	85208	0.87%	0.092%
61	19.192	2751	2755	2765	rBV	198008	393162	4.03%	0.425%
62	19.274	2765	2769	2774	rVB	80696	121824	1.25%	0.132%
63	19.345	2779	2781	2783	rVV2	26026	30841	0.32%	0.033%
64	19.392	2783	2789	2798	rVV	6836275	9758131	100.00%	10.558%
65	19.462	2798	2801	2804	rVB3	38027	44889	0.46%	0.049%
66	19.621	2826	2828	2833	rVB6	13068	18884	0.19%	0.020%
67	19.939	2879	2882	2883	rBV2	19984	21055	0.22%	0.023%
68	19.968	2883	2887	2890	rVB	82092	99021	1.01%	0.107%
69	20.145	2915	2917	2922	rBV5	10067	12989	0.13%	0.014%
70	20.262	2934	2937	2941	rBV4	52931	69724	0.71%	0.075%
71	20.345	2944	2951	2960	rBV	746726	1013727	10.39%	1.097%

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72	20.468	2967	2972	2976	rBV2	96858	128689	1.32%	0.139%
73	20.933	3047	3051	3072	rBV	853151	1551521	15.90%	1.679%
74	21.139	3084	3086	3090	rVB2	35517	34426	0.35%	0.037%
75	21.209	3092	3098	3113	rBV	2780735	3865303	39.61%	4.182%
76	21.333	3115	3119	3123	rVV4	73672	91963	0.94%	0.100%
77	21.386	3124	3128	3132	rVV	159586	173460	1.78%	0.188%
78	21.815	3197	3201	3205	rBV	189118	253236	2.60%	0.274%
79	22.274	3274	3279	3285	rVB2	250234	341611	3.50%	0.370%
80	22.392	3296	3299	3303	rVB	96551	125336	1.28%	0.136%
81	22.768	3359	3363	3368	rBV	261422	365307	3.74%	0.395%
82	23.274	3441	3449	3455	rBV2	3505885	6960520	71.33%	7.531%
83	23.409	3465	3472	3484	rVB	1557016	3046457	31.22%	3.296%
84	23.945	3558	3563	3572	rVB	217540	411813	4.22%	0.446%
85	24.668	3681	3686	3693	rBV2	148896	312863	3.21%	0.339%
86	25.509	3823	3829	3841	rVB3	90207	222941	2.28%	0.241%

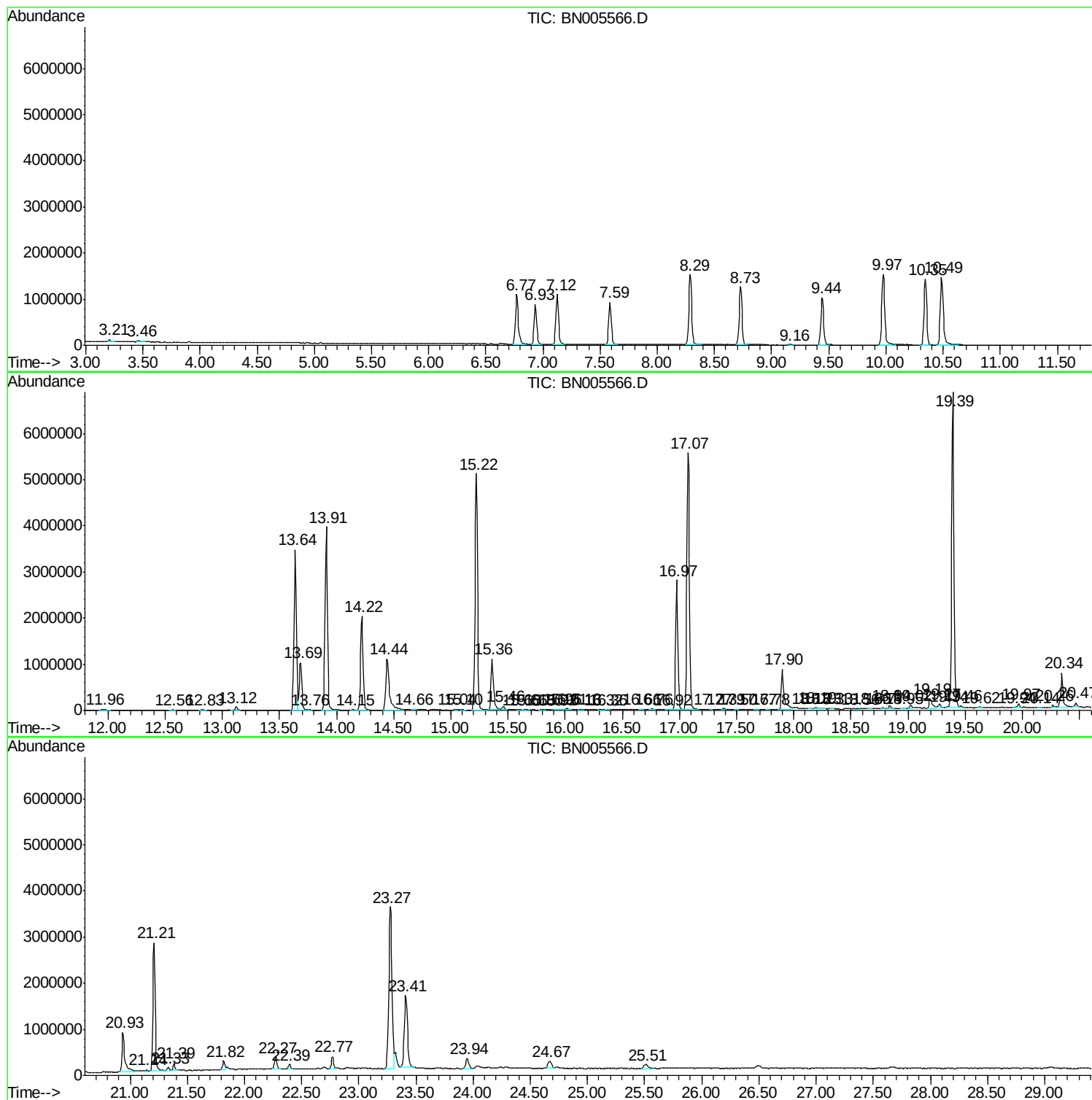
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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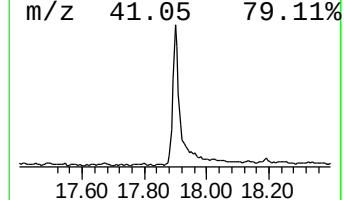
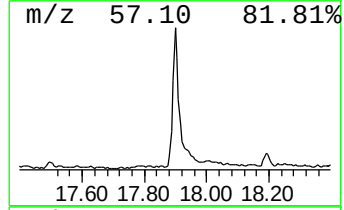
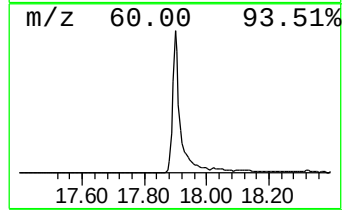
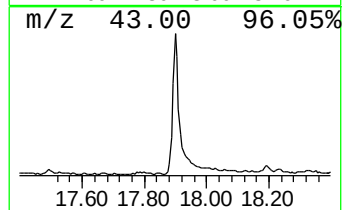
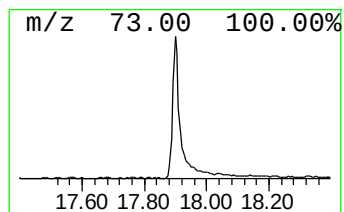
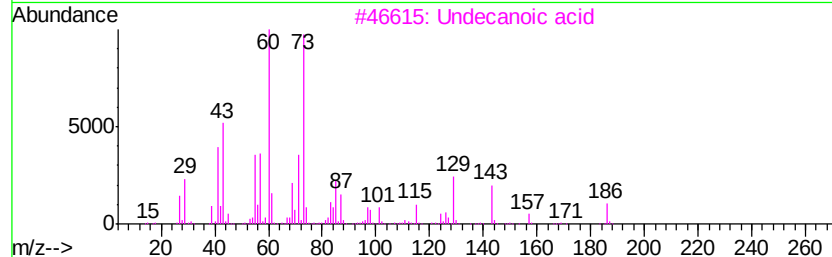
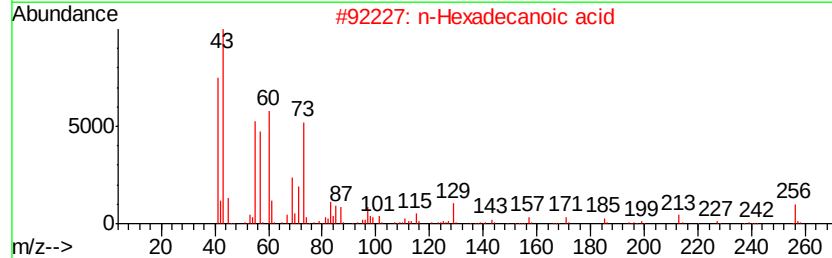
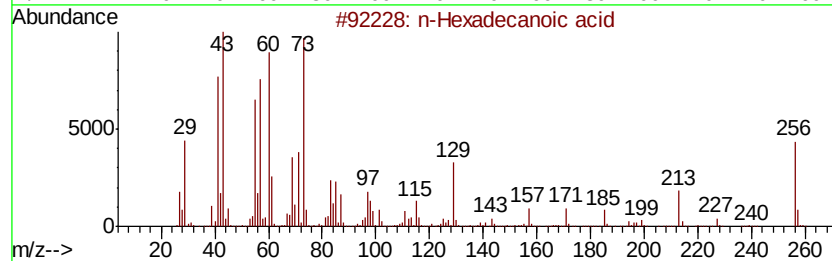
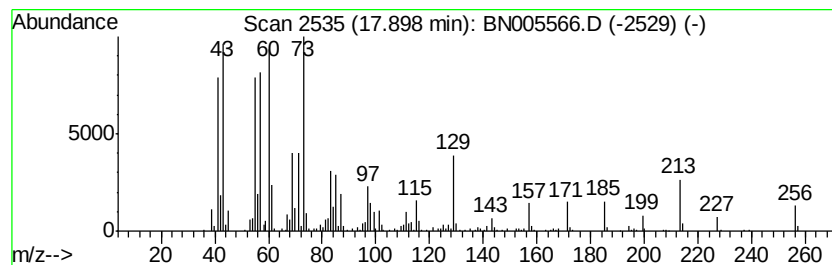
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	7.84 ng/ul	1553270	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Undecanoic acid	186	C11H22O2	000112-37-8	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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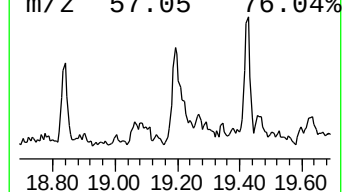
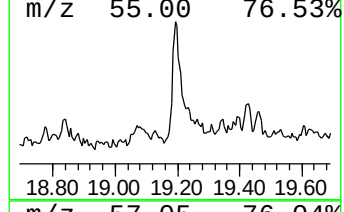
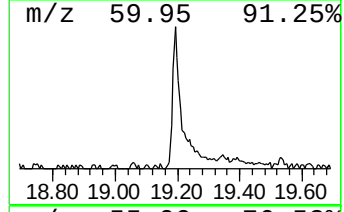
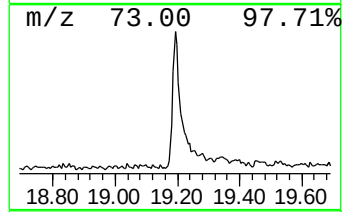
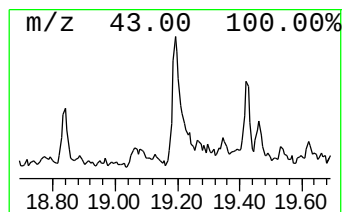
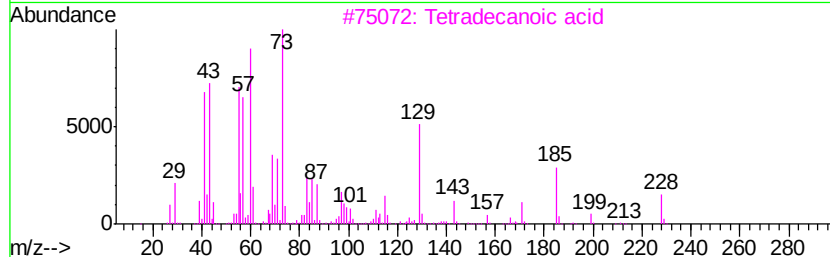
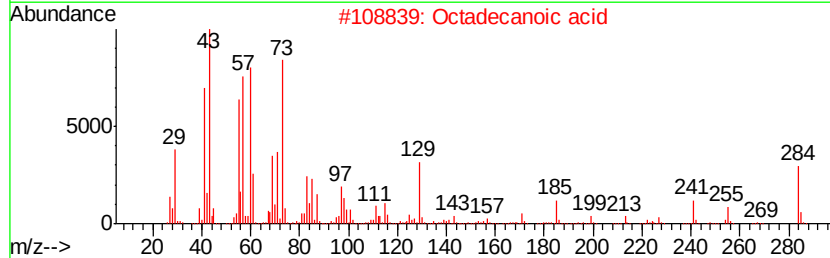
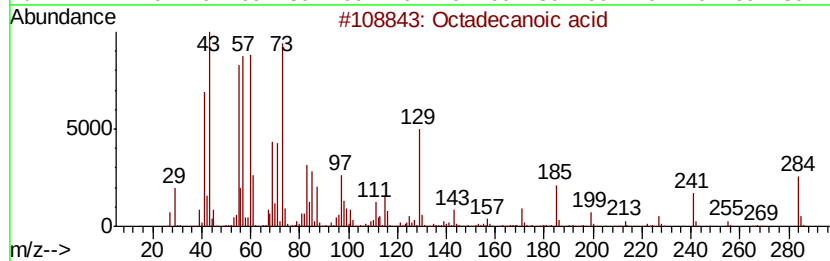
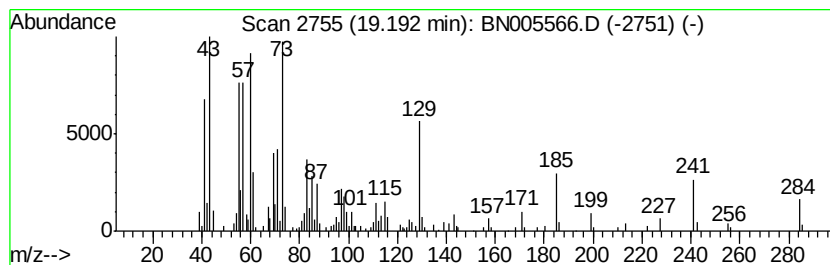
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.19	2.03 ng/ul	393162	Chrysene-d12		21.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	78



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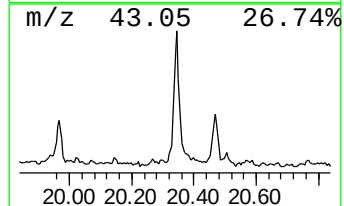
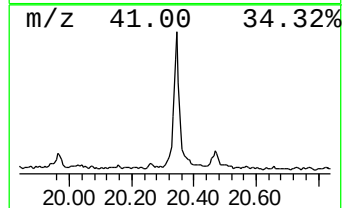
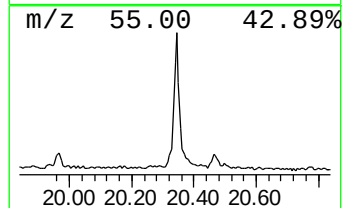
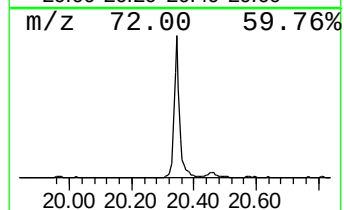
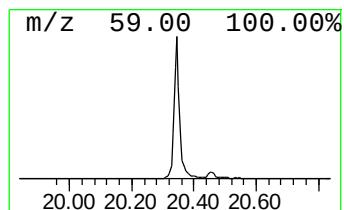
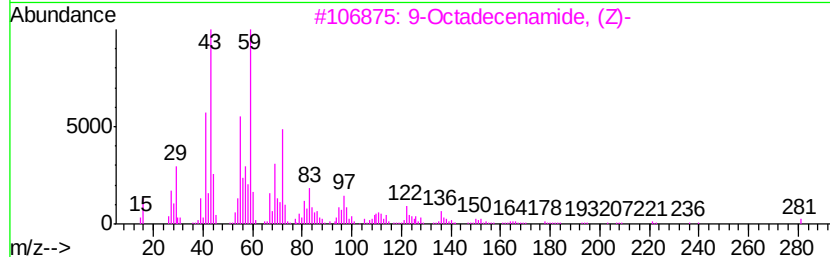
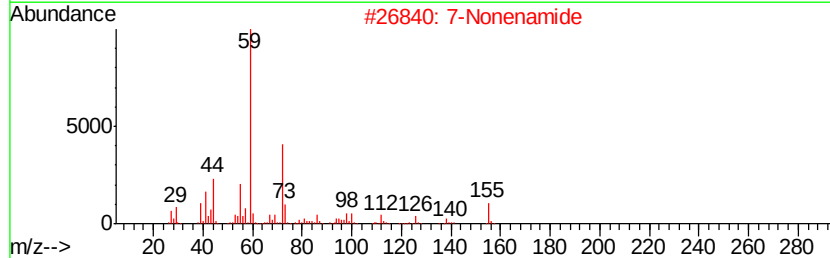
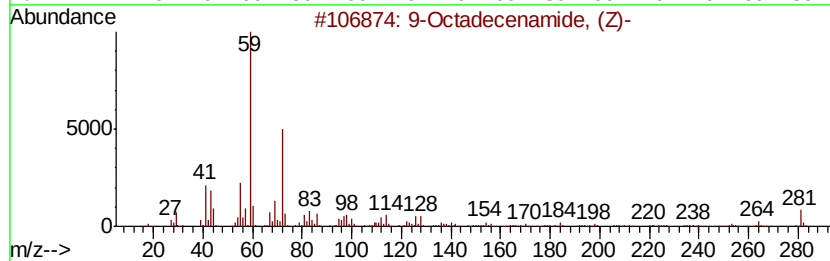
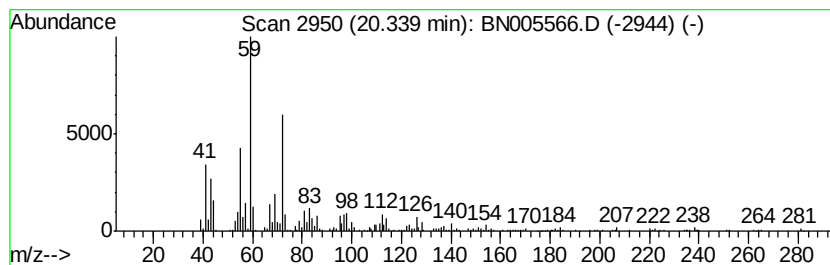
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	5.25 ng/ul	1013730	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	91
2	7-Nonenamide	155 C9H17NO	090949-53-4	78
3	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	72
4	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	60
5	Nonanamide	157 C9H19NO	001120-07-6	59



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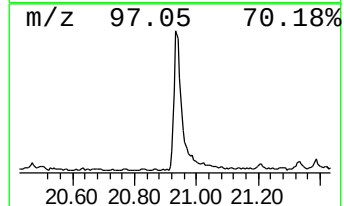
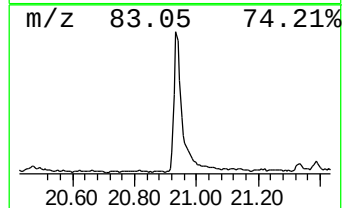
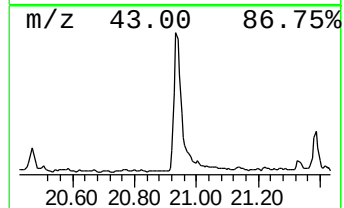
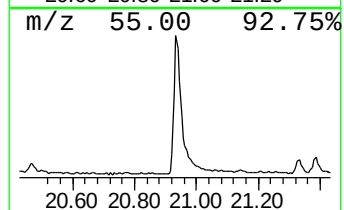
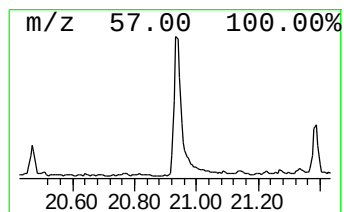
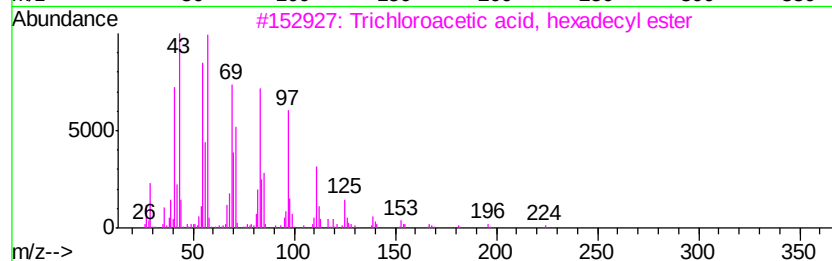
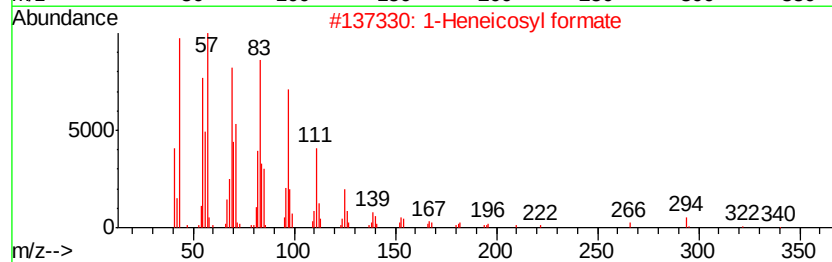
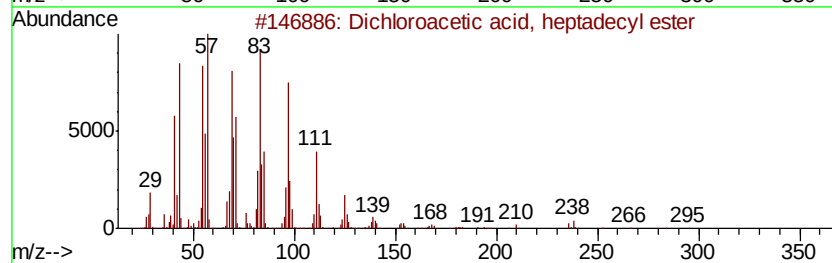
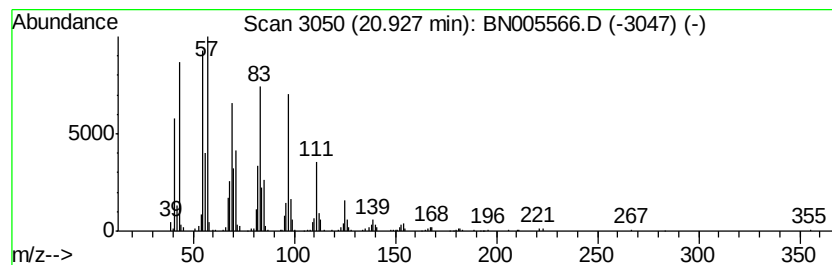
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.03 ng/ul	1551520	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5		2-Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005566.D
Acq On : 09 May 2019 15:13
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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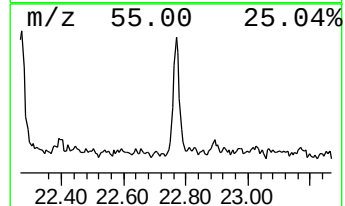
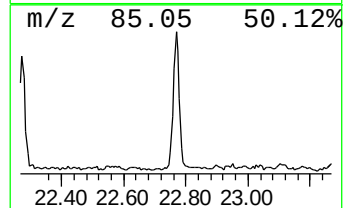
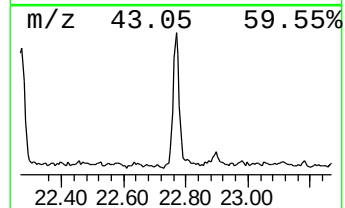
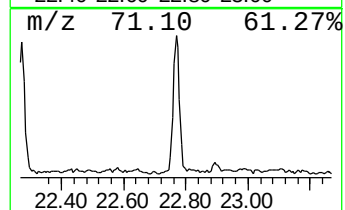
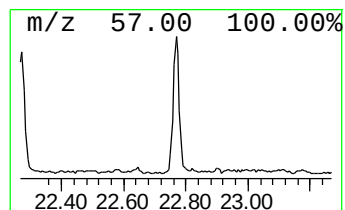
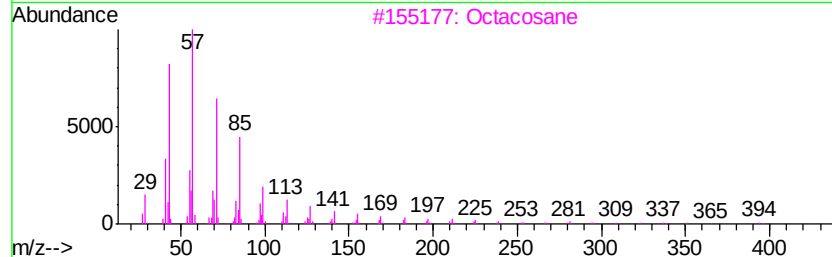
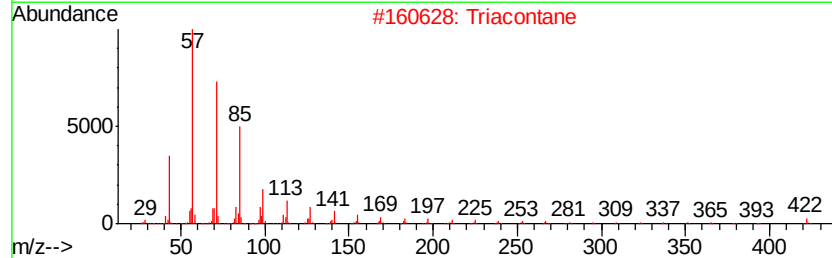
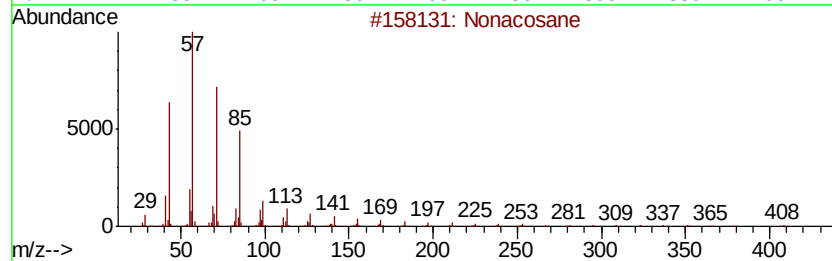
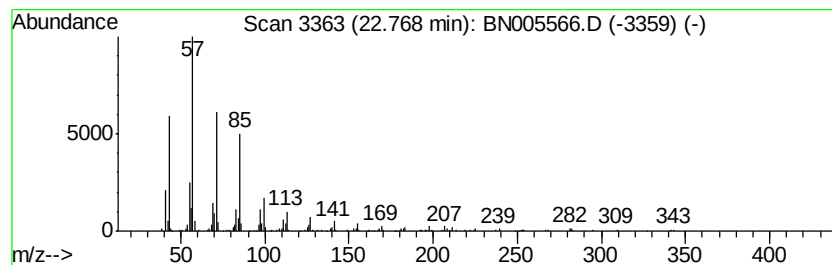
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.40 ng/ul	365307	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005566.D
Acq On : 09 May 2019 15:13
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5146

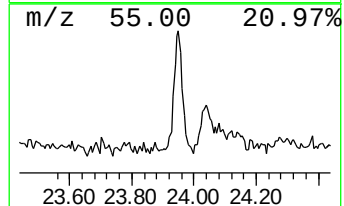
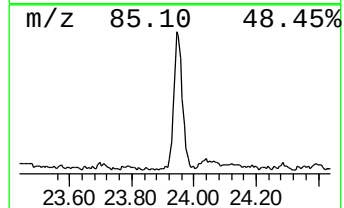
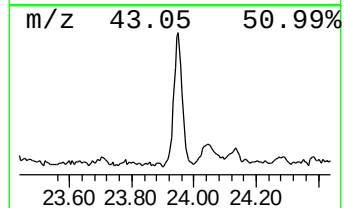
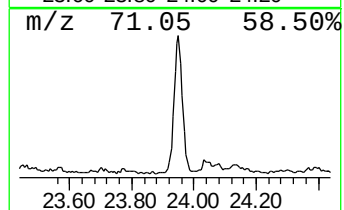
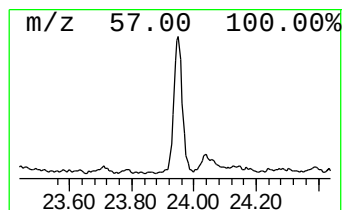
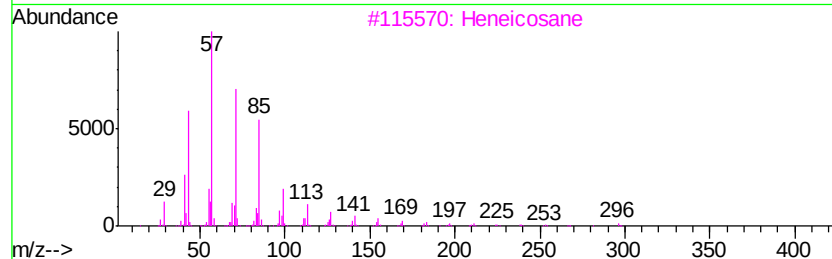
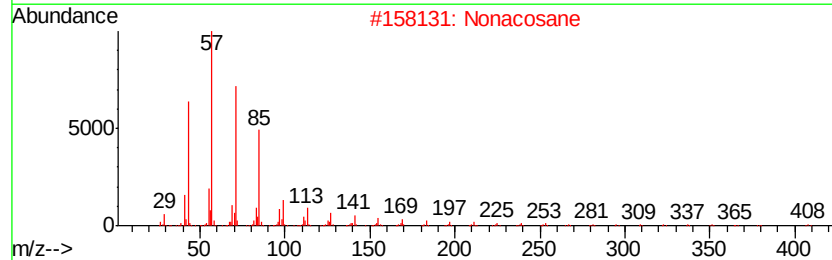
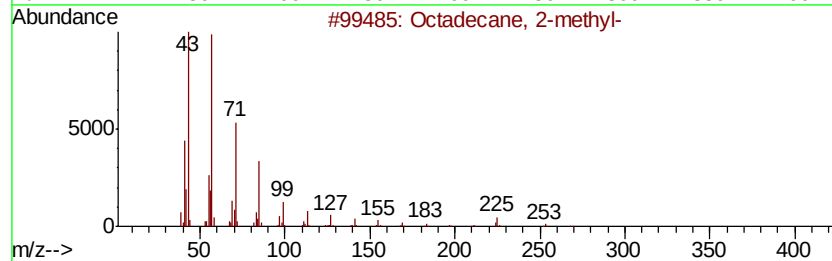
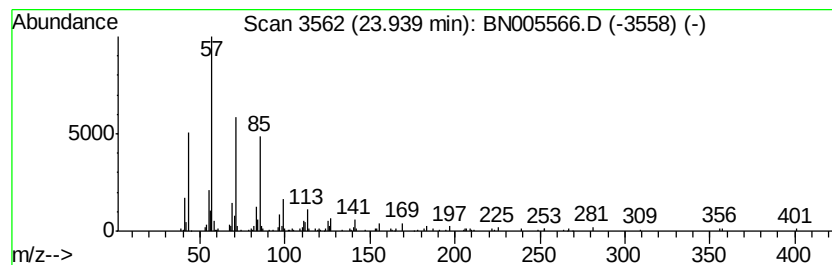
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.94	2.70 ng/ul	411813	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005566.D
Acq On : 09 May 2019 15:13
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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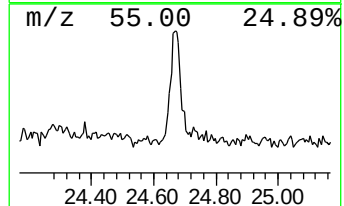
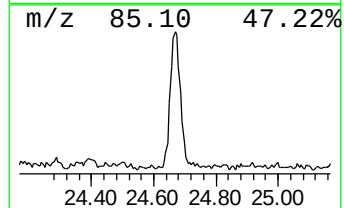
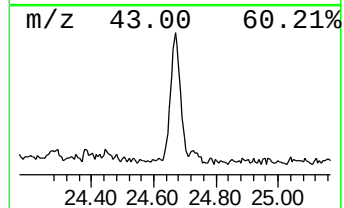
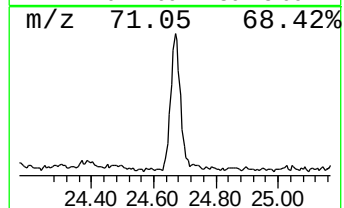
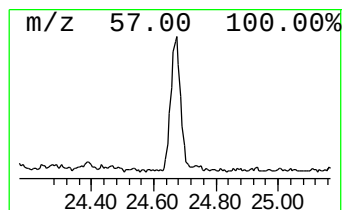
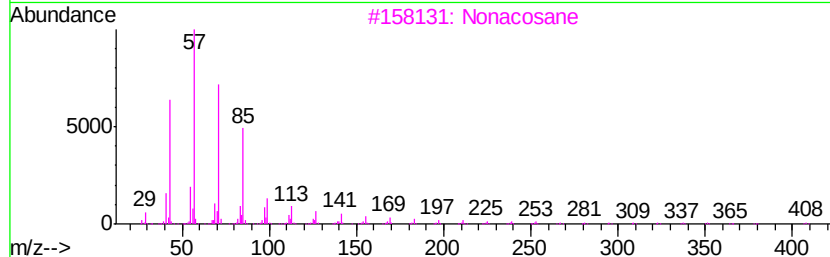
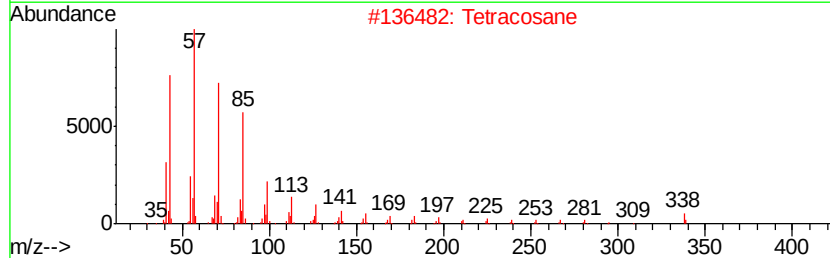
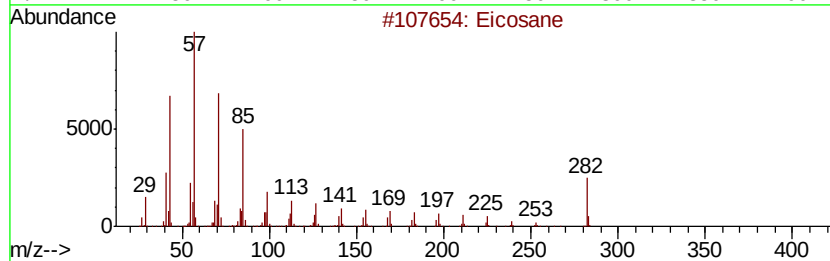
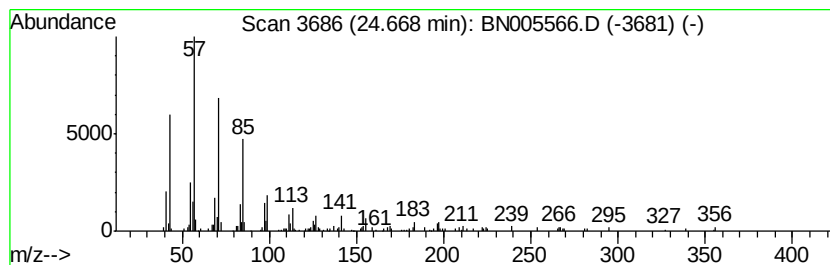
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	2.05 ng/ul	312863	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetracosane	338	C24H50	000646-31-1	91
3		Nonacosane	408	C29H60	000630-03-5	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005566.D
Acq On : 09 May 2019 15:13
Operator : JU/SJ
Sample : K2606-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5146

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
n-Hexadecanoic acid	17.90	7.8	ng/ul	1553270	4	16.97	3964170	20.0
Octadecanoic acid	19.19	2.0	ng/ul	393162	5	21.21	3865300	20.0
9-Octadecenamide,...	20.34	5.3	ng/ul	1013730	5	21.21	3865300	20.0
Dichloroacetic ac...	20.93	8.0	ng/ul	1551520	5	21.21	3865300	20.0
(DEL) Alkane: Str...	22.77	2.4	ng/ul	365307	6	23.41	3046460	20.0
(DEL) Alkane: Str...	23.94	2.7	ng/ul	411813	6	23.41	3046460	20.0
(DEL) Alkane: Str...	24.67	2.0	ng/ul	312863	6	23.41	3046460	20.0