

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005534.D
 Acq On : 08 May 2019 15:56
 Operator : JU/SJ
 Sample : K2606-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5145

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	3.211	34	38	44	rBV	45806	66826	0.73%	0.072%
2	3.463	78	81	86	rBV2	21960	34788	0.38%	0.038%
3	6.769	637	643	656	rBV	1004152	1790188	19.65%	1.933%
4	6.934	665	671	687	rVB	832636	1309739	14.37%	1.414%
5	7.128	697	704	716	rVB	1060837	1725805	18.94%	1.864%
6	7.587	775	782	791	rBV	947028	1544874	16.95%	1.668%
7	8.287	894	901	915	rBV	1383750	2342204	25.70%	2.529%
8	8.734	969	977	988	rBV	1107497	1901795	20.87%	2.054%
9	9.163	1047	1050	1055	rVB3	12228	16052	0.18%	0.017%
10	9.446	1090	1098	1114	rBV	960174	1657419	18.19%	1.790%
11	9.975	1181	1188	1207	rBV	1431411	2554927	28.04%	2.759%
12	10.345	1244	1251	1262	rVB	1391967	2336192	25.64%	2.523%
13	10.487	1269	1275	1290	rBV	1334594	2562173	28.12%	2.767%
14	11.957	1519	1525	1532	rBV	16311	33431	0.37%	0.036%
15	12.569	1624	1629	1637	rVB5	7247	16158	0.18%	0.017%
16	12.828	1668	1673	1679	rBV4	9240	15587	0.17%	0.017%
17	13.057	1707	1712	1719	rBV5	5608	9801	0.11%	0.011%
18	13.128	1719	1724	1729	rBV2	22975	36306	0.40%	0.039%
19	13.639	1804	1811	1815	rBV	3145169	4402548	48.31%	4.754%
20	13.686	1815	1819	1830	rVV	970204	1382660	15.17%	1.493%
21	13.763	1830	1832	1839	rVB4	9056	10961	0.12%	0.012%
22	13.910	1850	1857	1871	rBV	3458115	5311477	58.29%	5.736%
23	14.139	1891	1896	1901	rBV5	8343	13671	0.15%	0.015%
24	14.222	1901	1910	1920	rBV2	2275553	3404778	37.36%	3.677%
25	14.445	1940	1948	1969	rBV	1025428	2214801	24.31%	2.392%
26	15.045	2043	2050	2055	rBV2	15095	25026	0.27%	0.027%
27	15.098	2055	2059	2064	rVB3	17198	25364	0.28%	0.027%
28	15.222	2074	2080	2094	rBV	4607168	6622118	72.67%	7.151%
29	15.363	2097	2104	2116	rVV	1129965	1882707	20.66%	2.033%
30	15.463	2116	2121	2133	rVB	67425	129295	1.42%	0.140%
31	15.604	2141	2145	2148	rVB5	8010	10982	0.12%	0.012%
32	15.910	2193	2197	2202	rVB6	10602	17554	0.19%	0.019%
33	15.963	2202	2206	2209	rBV2	17824	21646	0.24%	0.023%
34	16.016	2210	2215	2221	rVB3	27716	51688	0.57%	0.056%

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35	16.139	2231	2236	2240	rVV3	14725	18423	0.20%	0.020%
36	16.375	2272	2276	2280	rBV6	6593	10929	0.12%	0.012%
37	16.657	2321	2324	2328	rVB3	9945	11613	0.13%	0.013%
38	16.763	2338	2342	2348	rVV3	26395	42832	0.47%	0.046%
39	16.980	2372	2379	2389	rBV2	2883109	4317452	47.38%	4.662%
40	17.080	2389	2396	2409	rVV	5104239	7632617	83.76%	8.242%
41	17.292	2427	2432	2435	rBV6	8681	16329	0.18%	0.018%
42	17.369	2441	2445	2447	rBV5	7576	10093	0.11%	0.011%
43	17.498	2463	2467	2470	rBV4	11141	14557	0.16%	0.016%
44	17.551	2473	2476	2482	rVB7	5520	11022	0.12%	0.012%
45	17.780	2510	2515	2517	rBV4	10479	17595	0.19%	0.019%
46	17.898	2530	2535	2552	rBV2	561230	1048212	11.50%	1.132%
47	18.192	2582	2585	2590	rBV6	21921	29840	0.33%	0.032%
48	18.839	2693	2695	2699	rVB4	19729	20355	0.22%	0.022%
49	19.027	2722	2727	2731	rBV	61680	82912	0.91%	0.090%
50	19.069	2733	2734	2743	rVB8	17381	29250	0.32%	0.032%
51	19.198	2751	2756	2764	rBV	187810	354199	3.89%	0.382%
52	19.274	2766	2769	2776	rVV	78560	127764	1.40%	0.138%
53	19.351	2779	2782	2783	rVV2	50463	53356	0.59%	0.058%
54	19.392	2783	2789	2799	rVV	6569901	9112384	100.00%	9.840%
55	19.463	2799	2801	2807	rVB4	35105	37996	0.42%	0.041%
56	19.968	2884	2887	2891	rVB2	45137	49712	0.55%	0.054%
57	20.351	2941	2952	2967	rBV	2306789	3207277	35.20%	3.463%
58	20.474	2967	2973	2977	rVB2	79673	131816	1.45%	0.142%
59	20.939	3048	3052	3072	rBV	487809	867056	9.52%	0.936%
60	21.145	3084	3087	3093	rVB2	33169	44326	0.49%	0.048%
61	21.210	3093	3098	3110	rBV	3491981	4634934	50.86%	5.005%
62	21.333	3116	3119	3123	rBV5	50081	70574	0.77%	0.076%
63	21.386	3125	3128	3132	rVB	155203	174642	1.92%	0.189%
64	21.821	3198	3202	3205	rBV	226164	271010	2.97%	0.293%
65	22.274	3274	3279	3287	rBV2	517499	854116	9.37%	0.922%
66	22.404	3297	3301	3305	rVB	167184	219658	2.41%	0.237%
67	22.698	3349	3351	3356	rVB5	41599	52145	0.57%	0.056%
68	22.774	3360	3364	3372	rVV	368607	509460	5.59%	0.550%
69	23.280	3442	3450	3456	rBV2	3640611	6958819	76.37%	7.515%
70	23.327	3456	3458	3466	rVV	463115	714338	7.84%	0.771%
71	23.415	3466	3473	3490	rVB	1965438	3861535	42.38%	4.170%

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72	23.957	3560	3565	3573	rVB	325851	584971	6.42%	0.632%
73	24.680	3682	3688	3695	rBV	260502	537001	5.89%	0.580%
74	25.527	3825	3832	3840	rVB2	152834	378320	4.15%	0.409%

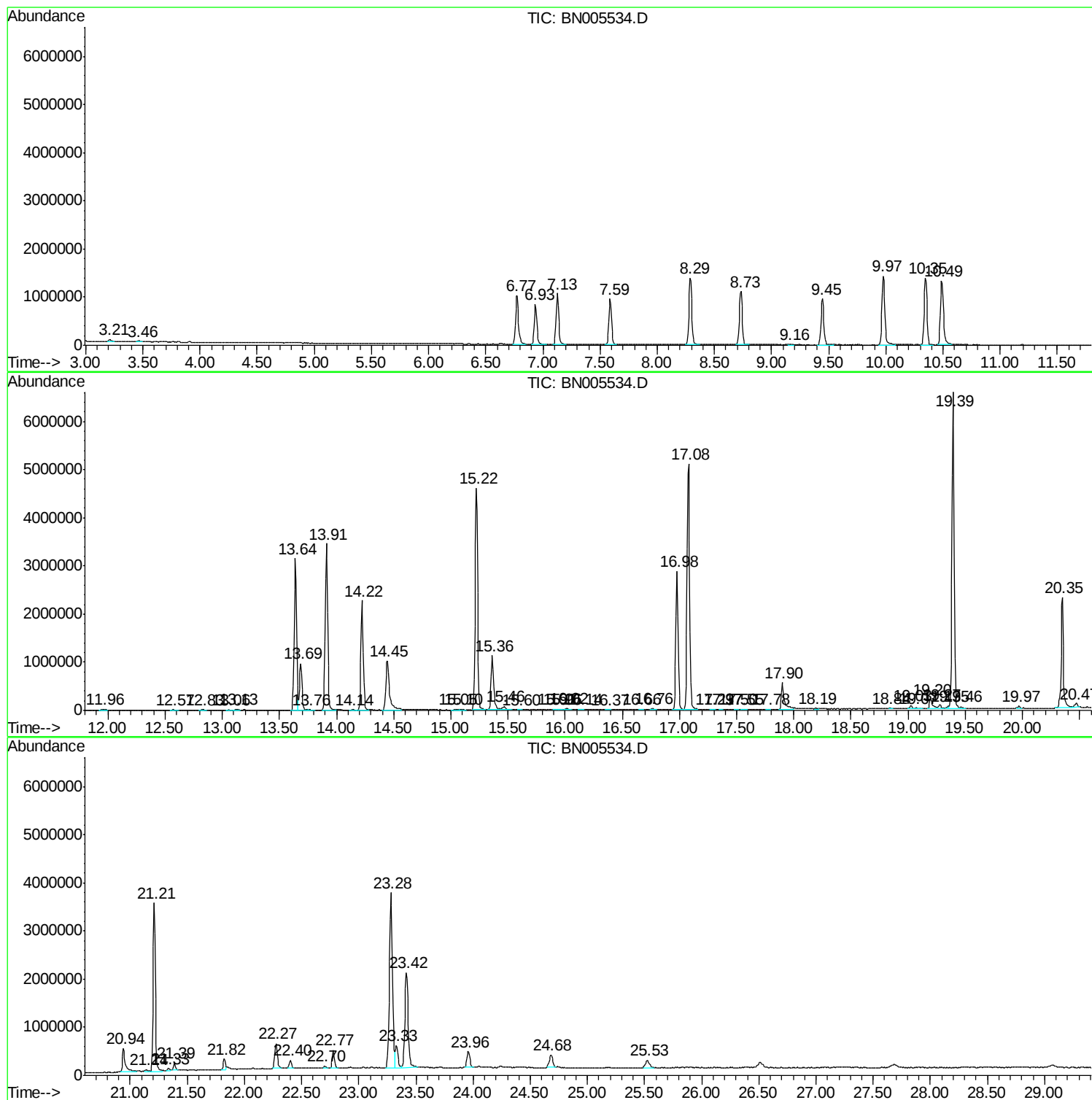
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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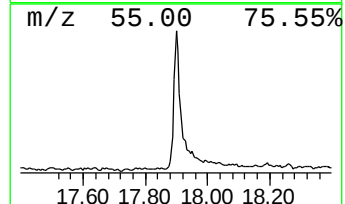
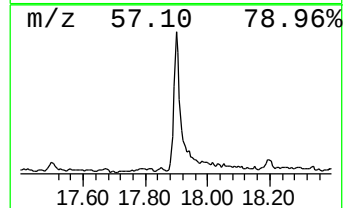
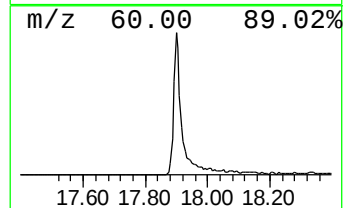
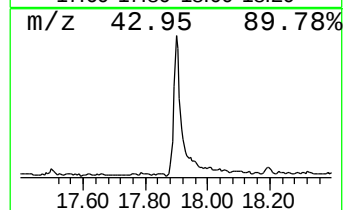
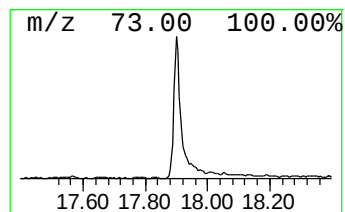
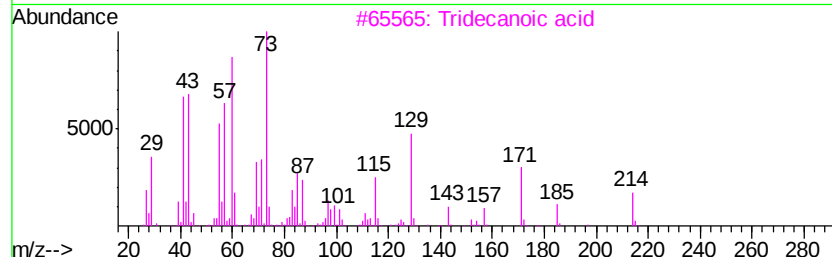
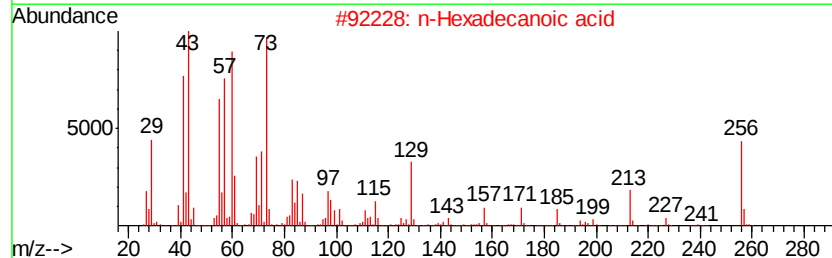
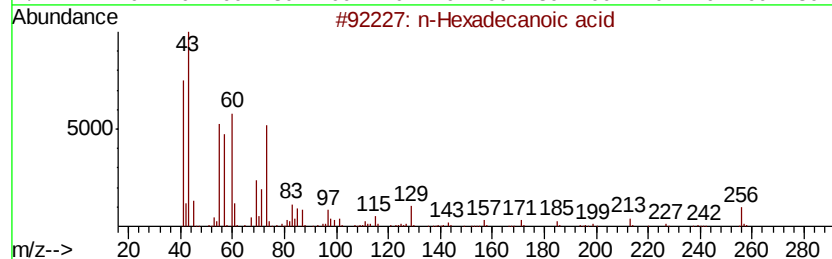
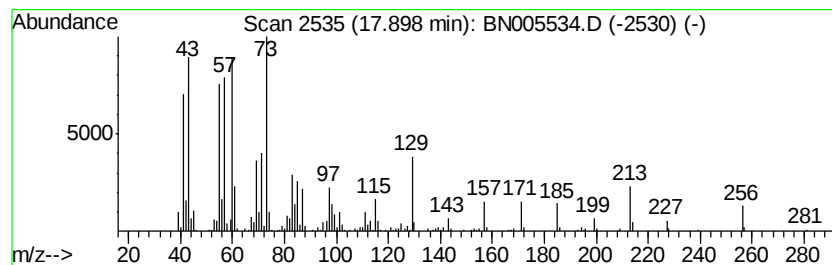
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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	4.86 ng/ul	1048210	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	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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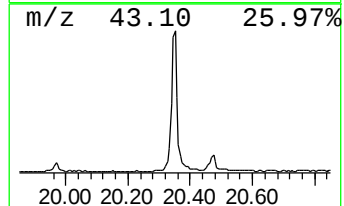
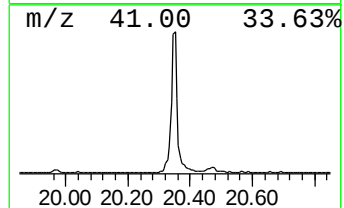
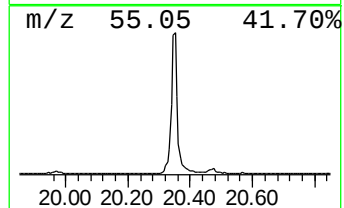
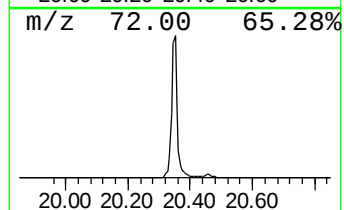
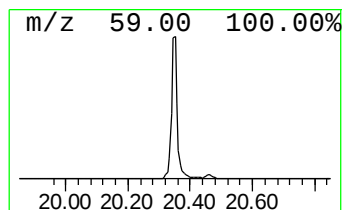
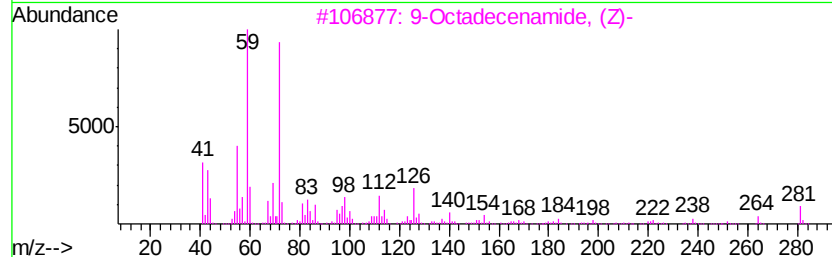
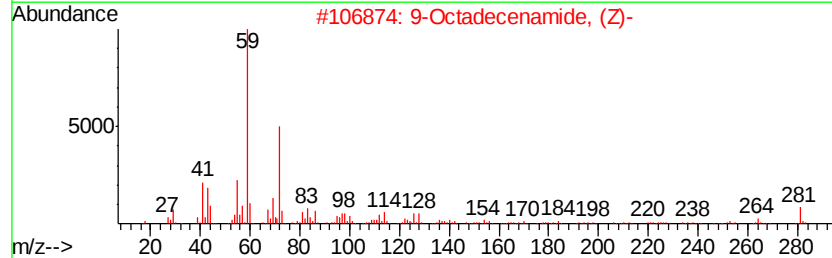
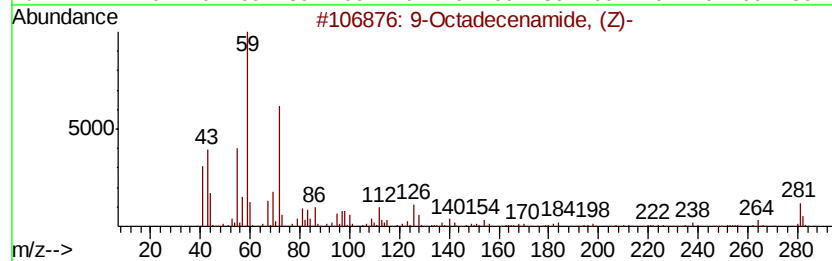
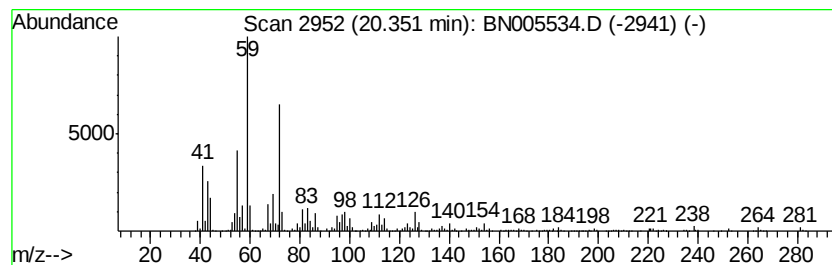
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	13.84 ng/ul	3207280	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91	
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86	
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64	
5	Tetradecanamide	227	C14H29NO	000638-58-4	64	



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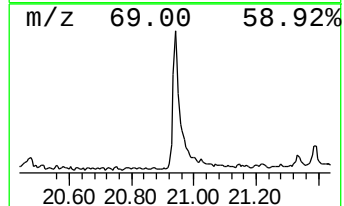
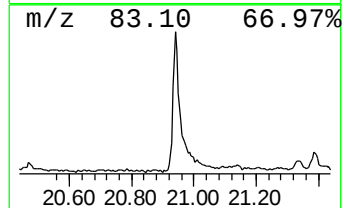
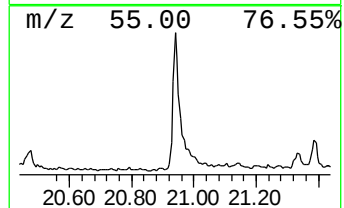
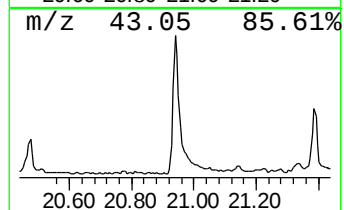
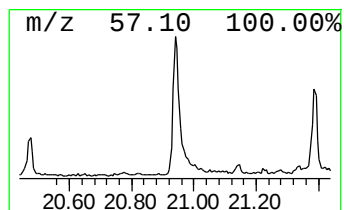
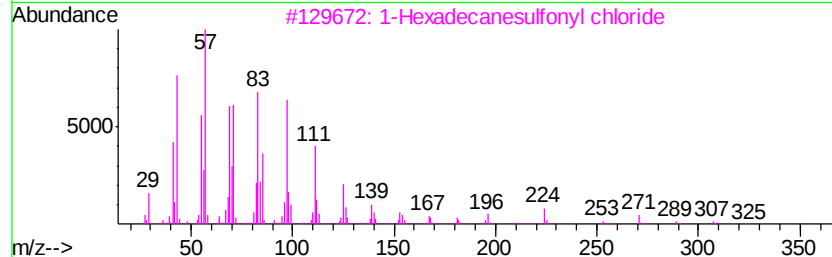
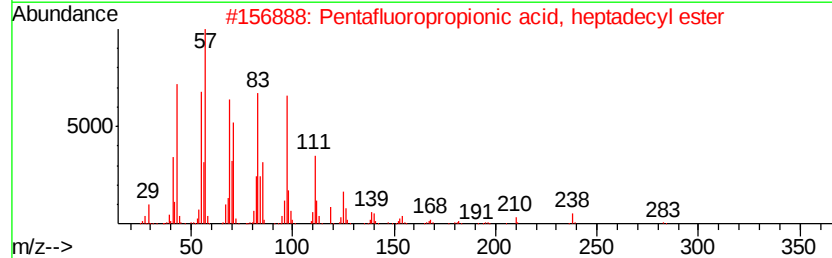
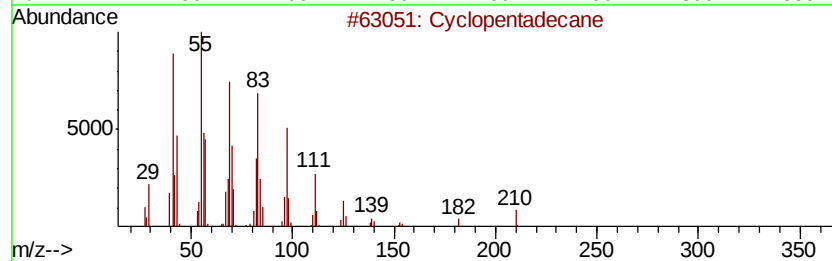
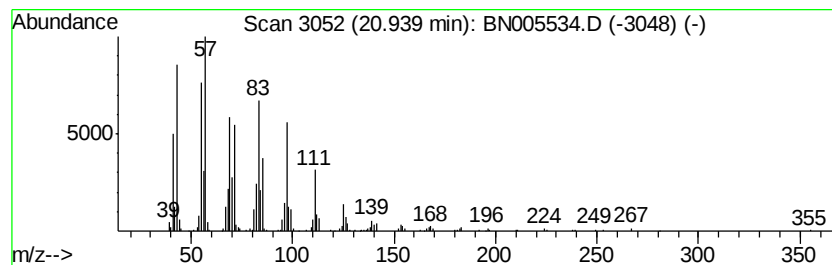
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.74 ng/ul	867056	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 93
2		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 91
3		1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1 91
4		17-Pentatriacontene	491 C35H70	006971-40-0 91
5		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 90



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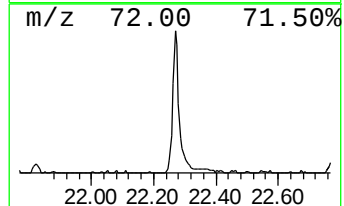
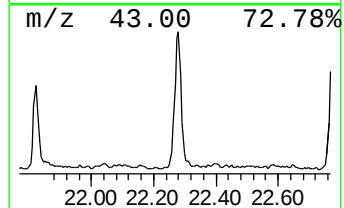
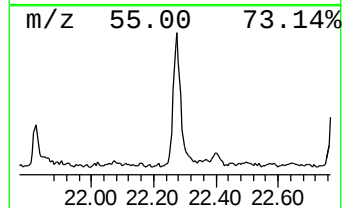
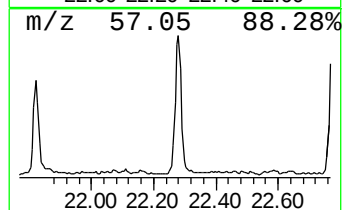
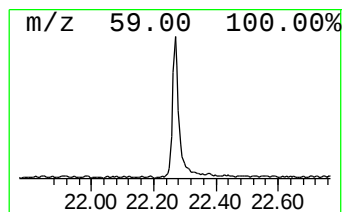
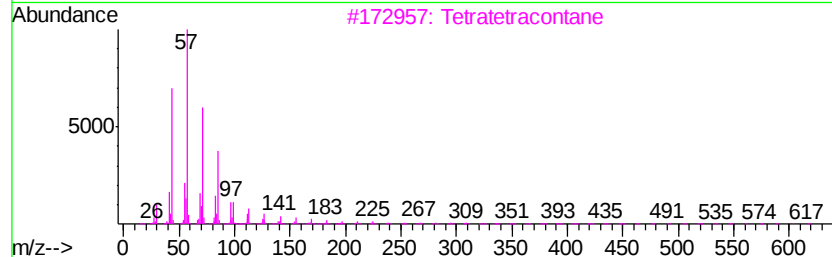
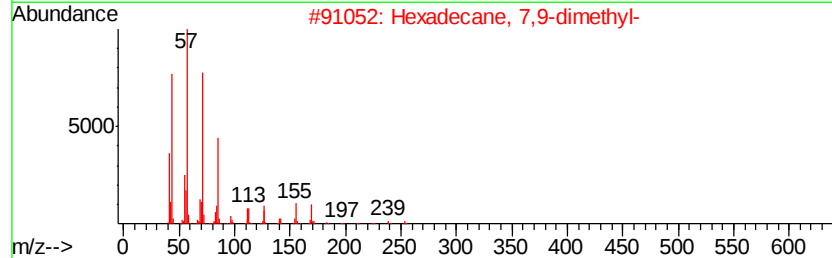
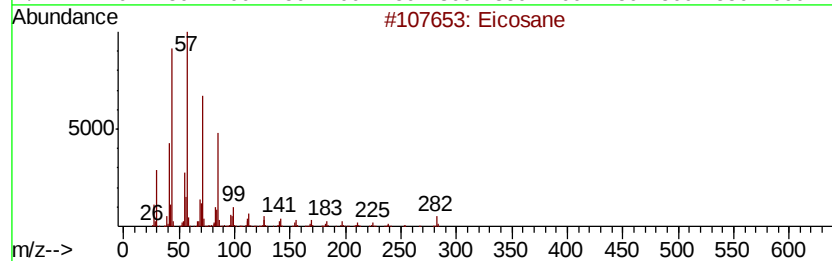
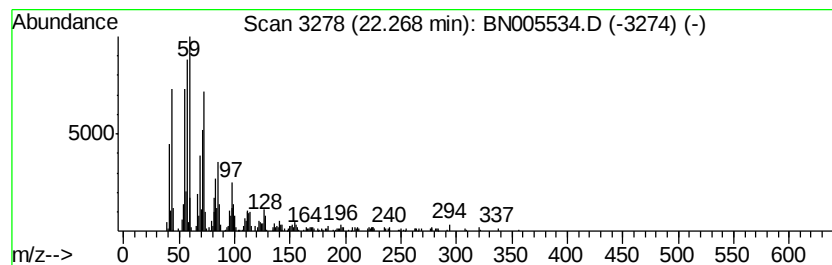
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.69 ng/ul	854116	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
3		Tetratetracontane	619	C44H90	007098-22-8	55
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	55
5		Tetratriacontane	479	C34H70	014167-59-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005534.D
Acq On : 08 May 2019 15:56
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5145

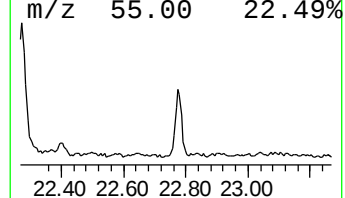
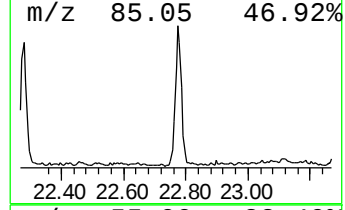
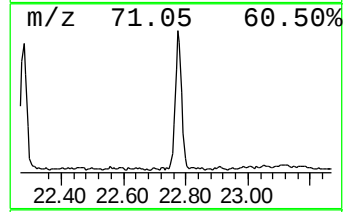
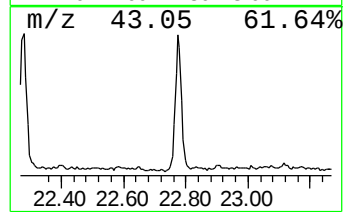
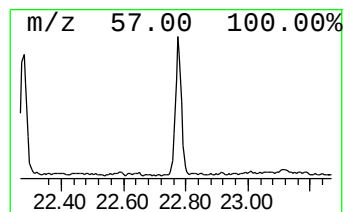
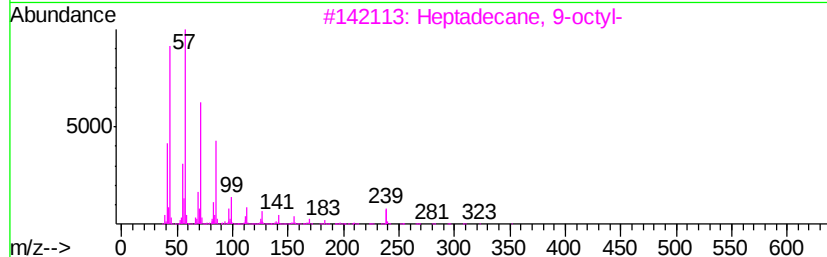
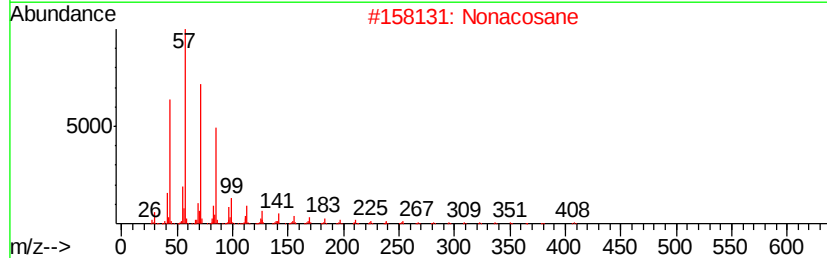
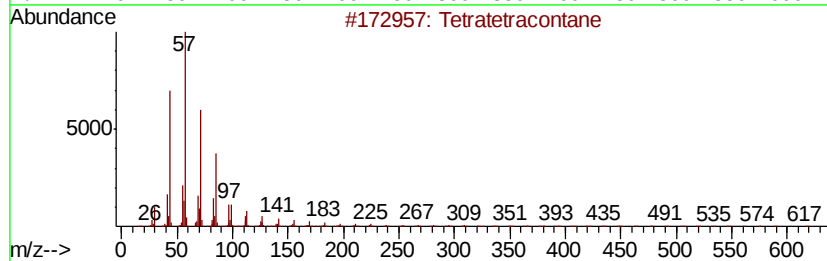
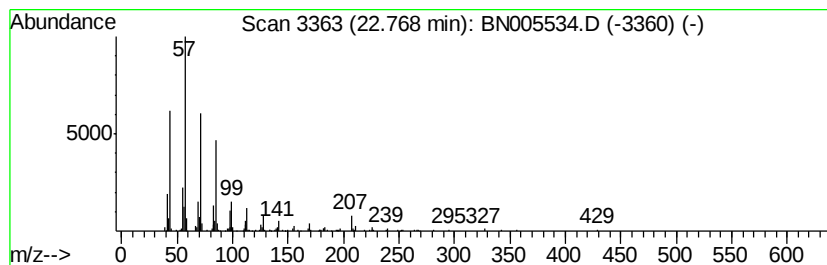
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.64 ng/ul	509460	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005534.D
Acq On : 08 May 2019 15:56
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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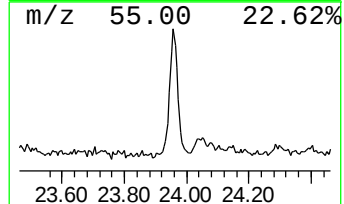
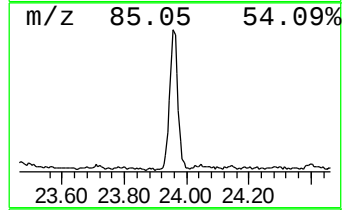
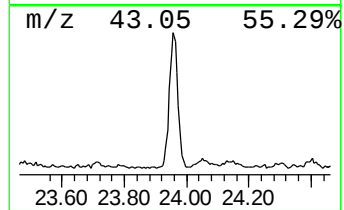
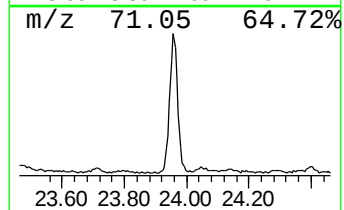
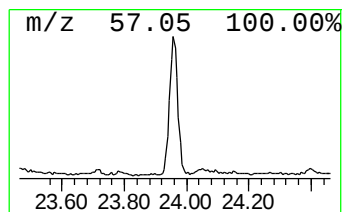
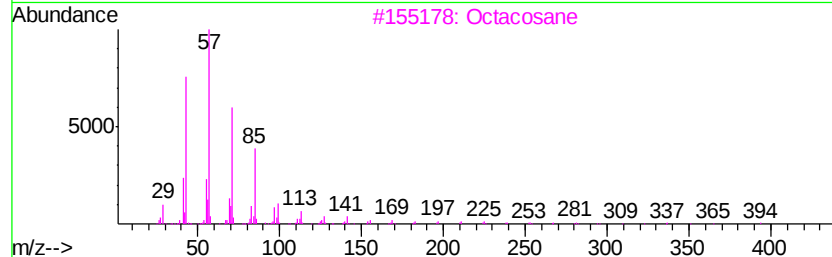
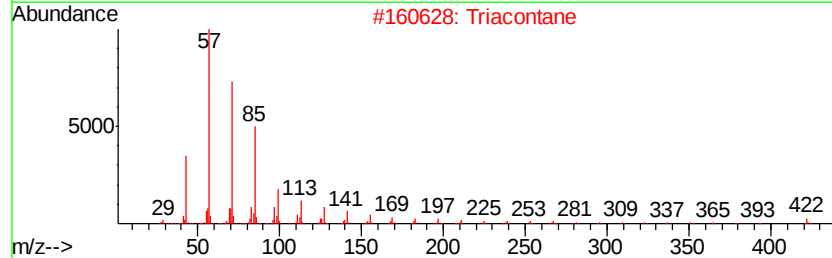
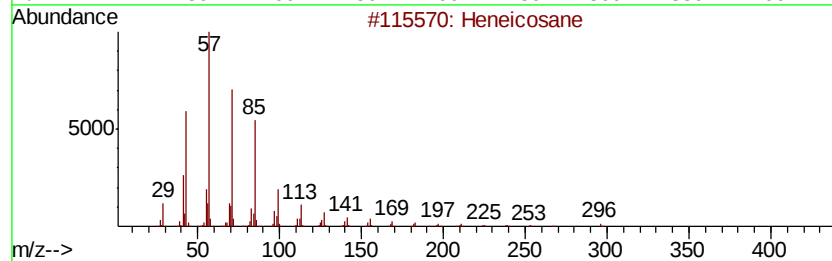
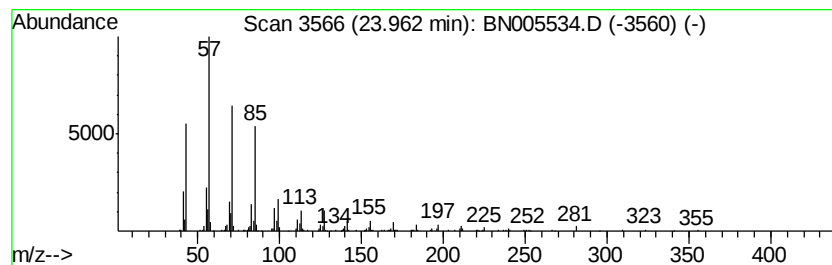
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.03 ng/ul	584971	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005534.D
Acq On : 08 May 2019 15:56
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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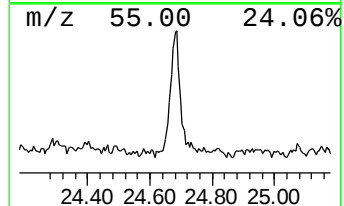
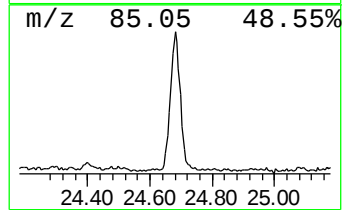
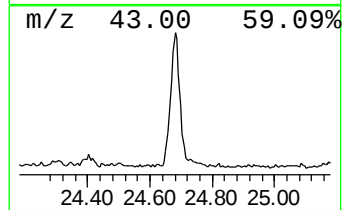
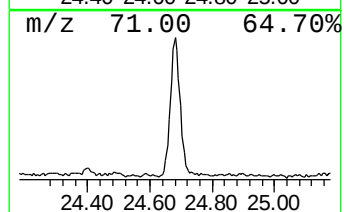
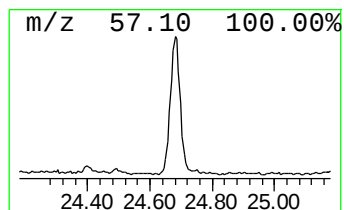
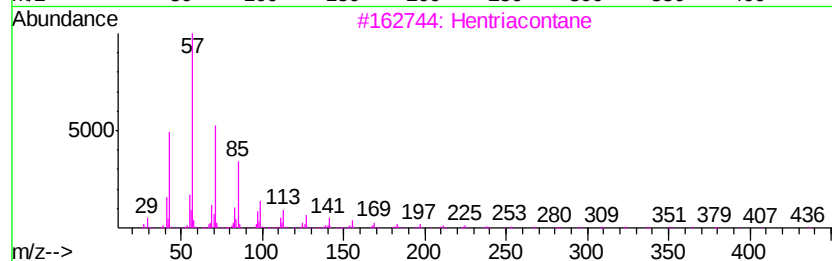
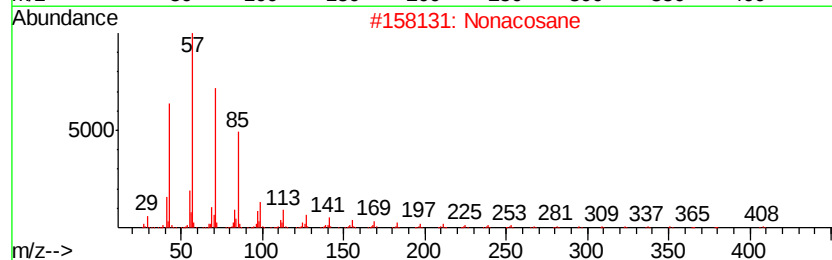
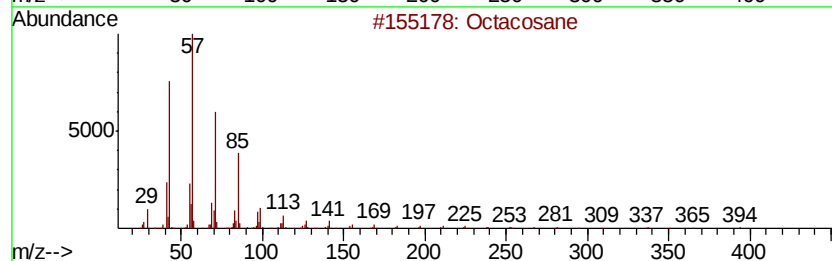
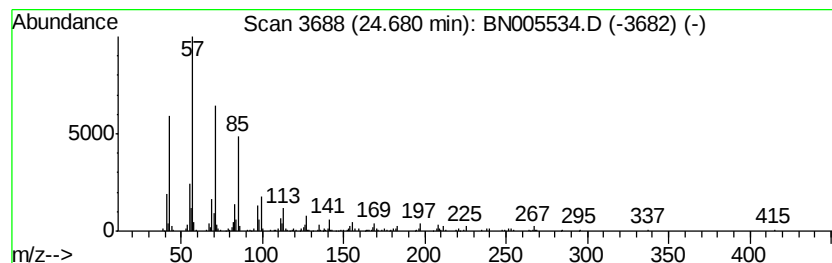
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Quant Title : SVOA CALIBRATION

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.
24.68	2.78 ng/ul	537001	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		triacontane	422	C30H62	000638-68-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005534.D
Acq On : 08 May 2019 15:56
Operator : JU/SJ
Sample : K2606-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	4.9	ng/ul	1048210	4	16.97	4317450	20.0
9-Octadecenamide,...	20.35	13.8	ng/ul	3207280	5	21.21	4634930	20.0
(DEL) Alkane: Cyc...	20.94	3.7	ng/ul	867056	5	21.21	4634930	20.0
(DEL) Alkane: Str...	22.27	3.7	ng/ul	854116	5	21.21	4634930	20.0
(DEL) Alkane: Str...	22.77	2.6	ng/ul	509460	6	23.42	3861540	20.0
(DEL) Alkane: Str...	23.96	3.0	ng/ul	584971	6	23.42	3861540	20.0
(DEL) Alkane: Str...	24.68	2.8	ng/ul	537001	6	23.42	3861540	20.0