

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005224.D
 Acq On : 23 Apr 2019 20:42
 Operator : JU/SJ
 Sample : K2403-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5131

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	3.217	34	39	46	rBV	250309	298281	3.05%	0.224%
2	3.470	79	82	89	rBV	20808	29975	0.31%	0.023%
3	3.917	152	158	161	rBV	20294	28494	0.29%	0.021%
4	4.781	301	305	312	rVB6	20223	33440	0.34%	0.025%
5	4.864	315	319	325	rBV5	9706	18212	0.19%	0.014%
6	5.728	459	466	475	rBV	22617	39626	0.41%	0.030%
7	6.281	556	560	564	rBV4	6262	10822	0.11%	0.008%
8	6.775	637	644	655	rBV	2674051	4108932	42.04%	3.085%
9	6.946	662	673	682	rBV	2060157	3099330	31.71%	2.327%
10	7.134	698	705	715	rBV	2676800	4098900	41.94%	3.078%
11	7.240	721	723	728	rVB4	6197	9789	0.10%	0.007%
12	7.599	777	784	792	rBV	1969670	3067983	31.39%	2.304%
13	7.669	792	796	801	rVB2	24115	35417	0.36%	0.027%
14	7.963	840	846	850	rVB5	6196	10714	0.11%	0.008%
15	8.293	895	902	916	rBV	3186683	5058735	51.76%	3.798%
16	8.740	970	978	987	rBV	2467699	4020215	41.14%	3.019%
17	8.916	1002	1008	1014	rVB5	13289	22592	0.23%	0.017%
18	9.193	1050	1055	1060	rVB	54541	80675	0.83%	0.061%
19	9.452	1090	1099	1107	rBV	2043780	3308108	33.85%	2.484%
20	9.510	1107	1109	1115	rVB5	9052	11719	0.12%	0.009%
21	9.981	1182	1189	1200	rBV	3196067	5233752	53.55%	3.930%
22	10.357	1244	1253	1261	rBV	2624931	4315230	44.15%	3.240%
23	10.499	1268	1277	1290	rBV	3023901	5109962	52.29%	3.837%
24	10.728	1311	1316	1321	rBV4	21883	45690	0.47%	0.034%
25	11.681	1474	1478	1482	rBV4	6210	10807	0.11%	0.008%
26	11.793	1492	1497	1506	rVB8	9234	18764	0.19%	0.014%
27	11.951	1519	1524	1533	rVB	50880	85778	0.88%	0.064%
28	12.969	1693	1697	1701	rVB5	11497	15492	0.16%	0.012%
29	13.075	1708	1715	1721	rVB4	14705	23928	0.24%	0.018%
30	13.140	1721	1726	1729	rBV3	7734	13084	0.13%	0.010%
31	13.593	1798	1803	1806	rBV7	9568	15494	0.16%	0.012%
32	13.651	1806	1813	1817	rVV	5064331	6907828	70.68%	5.187%
33	13.698	1817	1821	1827	rVB	1023444	1434796	14.68%	1.077%
34	13.922	1851	1859	1870	rBV	5444087	8344614	85.38%	6.266%

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35	14.163	1896	1900	1904	rVB3	16492	18521	0.19%	0.014%
36	14.234	1904	1912	1919	rBV2	3420711	5273661	53.96%	3.960%
37	14.428	1935	1945	1963	rBV	1857940	2900253	29.68%	2.178%
38	14.610	1972	1976	1981	rVB6	10546	16888	0.17%	0.013%
39	14.669	1981	1986	1989	rBV7	17199	28236	0.29%	0.021%
40	14.781	2003	2005	2011	rBV4	9493	17419	0.18%	0.013%
41	14.851	2013	2017	2019	rVV4	10590	12867	0.13%	0.010%
42	14.898	2019	2025	2030	rVB8	12759	25001	0.26%	0.019%
43	15.116	2059	2062	2067	rVB3	22001	28245	0.29%	0.021%
44	15.234	2075	2082	2090	rBV	6491001	9533326	97.55%	7.158%
45	15.345	2095	2101	2109	rBV	1051994	1482904	15.17%	1.113%
46	15.469	2118	2122	2128	rBV	84490	122804	1.26%	0.092%
47	15.622	2143	2148	2151	rBV7	9041	12472	0.13%	0.009%
48	15.675	2153	2157	2163	rVB8	13856	20132	0.21%	0.015%
49	15.981	2206	2209	2212	rBV3	15232	21281	0.22%	0.016%
50	16.016	2212	2215	2221	rVB6	31845	50941	0.52%	0.038%
51	16.151	2235	2238	2241	rBV5	9451	13544	0.14%	0.010%
52	16.398	2277	2280	2284	rBV5	10314	16138	0.17%	0.012%
53	16.669	2322	2326	2330	rVB5	17035	22240	0.23%	0.017%
54	16.775	2340	2344	2350	rBV3	23138	37095	0.38%	0.028%
55	16.986	2373	2380	2387	rVV2	3875019	5601469	57.32%	4.206%
56	17.086	2389	2397	2405	rBV	6283031	9302105	95.18%	6.985%
57	17.245	2421	2424	2427	rBV5	10338	14387	0.15%	0.011%
58	17.675	2494	2497	2502	rBV7	10459	17891	0.18%	0.013%
59	17.916	2533	2538	2555	rBV	1117653	1943093	19.88%	1.459%
60	18.863	2696	2699	2703	rVB4	19330	22503	0.23%	0.017%
61	19.028	2723	2727	2730	rBV	77836	108825	1.11%	0.082%
62	19.063	2730	2733	2735	rBV3	22838	25639	0.26%	0.019%
63	19.210	2754	2758	2766	rBV	368804	617816	6.32%	0.464%
64	19.280	2767	2770	2777	rVB	82762	127011	1.30%	0.095%
65	19.398	2782	2790	2797	rBV	7222710	9773121	100.00%	7.338%
66	19.957	2882	2885	2888	rBV5	16721	23938	0.24%	0.018%
67	19.992	2889	2891	2895	rVB3	36239	37809	0.39%	0.028%
68	20.363	2952	2954	2958	rVB3	33742	37513	0.38%	0.028%
69	20.498	2975	2977	2981	rVB	57331	55080	0.56%	0.041%
70	20.963	3052	3056	3070	rBV	1416856	2038201	20.86%	1.530%
71	21.222	3095	3100	3106	rBV	4195658	5196925	53.18%	3.902%

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72	21.363	3121	3124	3130	rVB2	203999	235460	2.41%	0.177%
73	21.422	3131	3134	3140	rBV	178719	207532	2.12%	0.156%
74	21.863	3205	3209	3216	rBV	357297	496319	5.08%	0.373%
75	22.327	3283	3288	3294	rVB	519163	687954	7.04%	0.517%
76	22.827	3369	3373	3380	rVB	626560	879850	9.00%	0.661%
77	23.298	3446	3453	3463	rVB2	5057203	9052644	92.63%	6.797%
78	23.392	3463	3469	3471	rBV	634098	984161	10.07%	0.739%
79	23.433	3471	3476	3484	rVB2	2753682	5159471	52.79%	3.874%
80	24.021	3571	3576	3584	rVB	504914	916182	9.37%	0.688%
81	24.757	3696	3701	3708	rVB	294927	601482	6.15%	0.452%
82	25.610	3843	3846	3857	rVB3	179290	393802	4.03%	0.296%

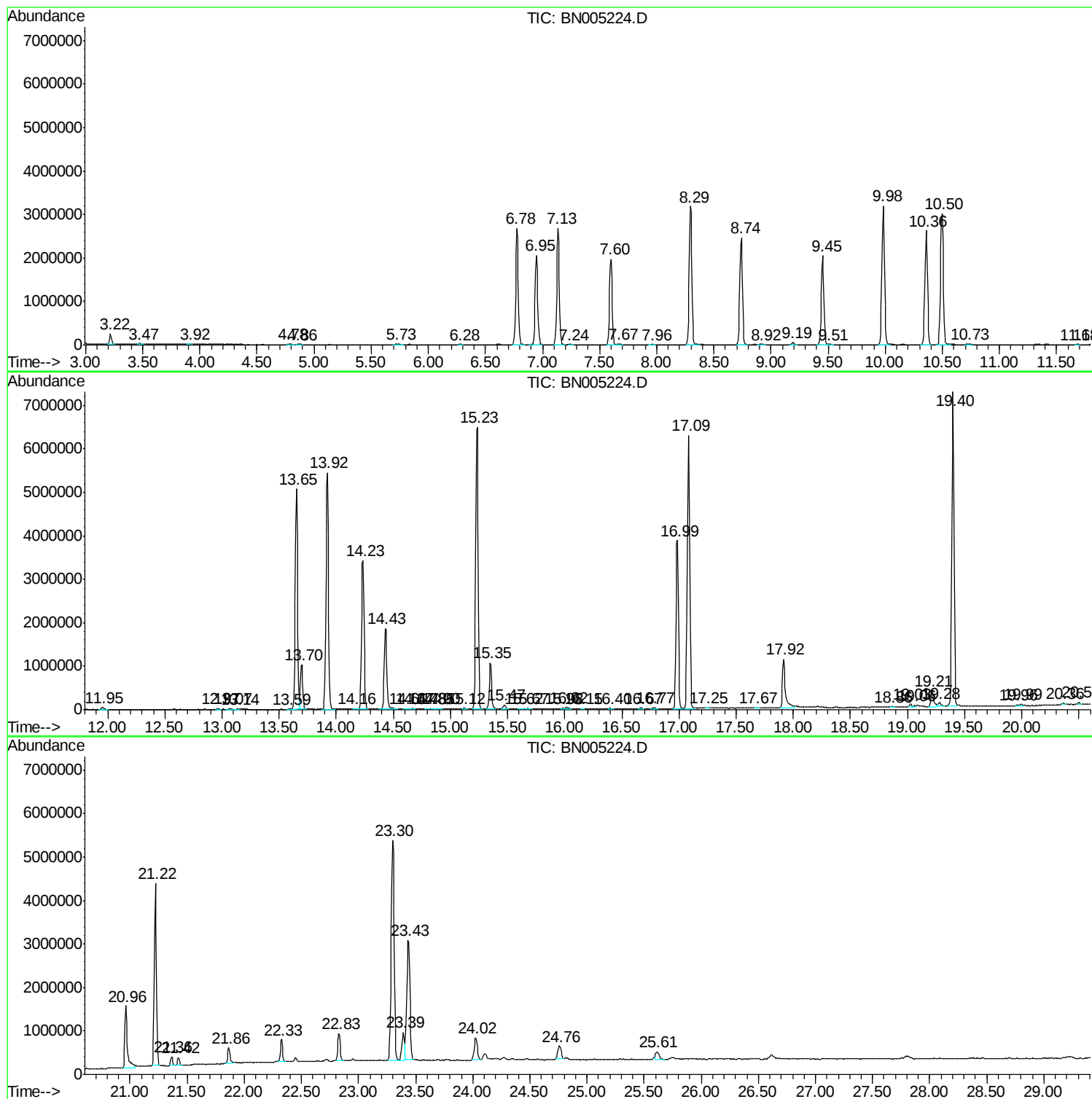
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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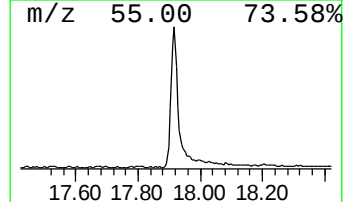
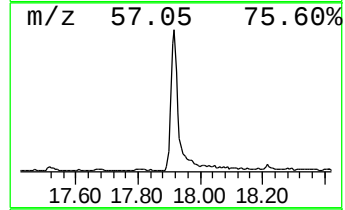
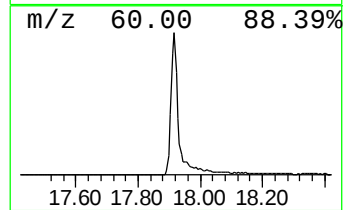
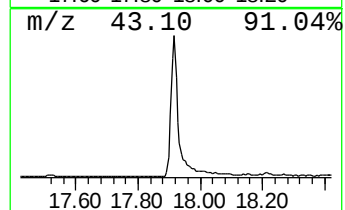
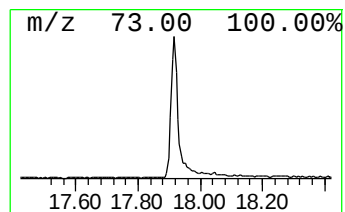
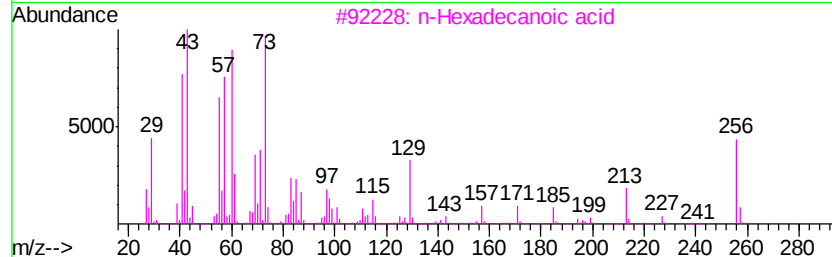
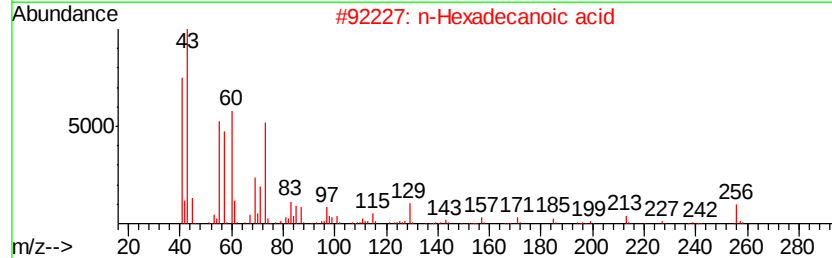
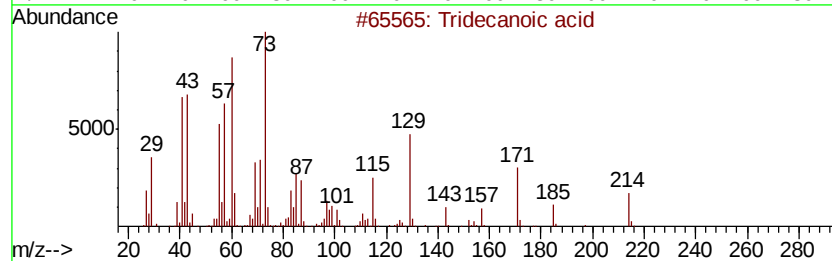
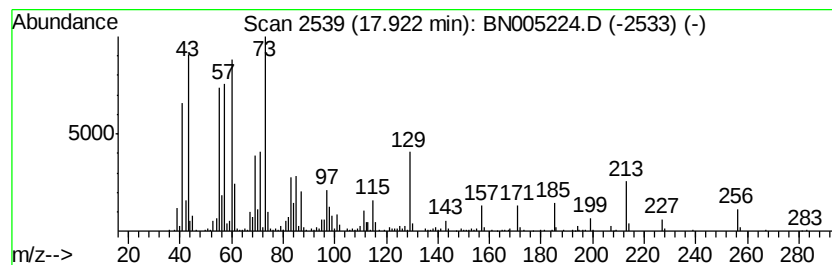
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	6.94 ng/ul	1943090	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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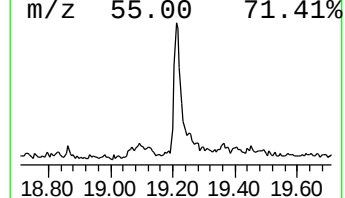
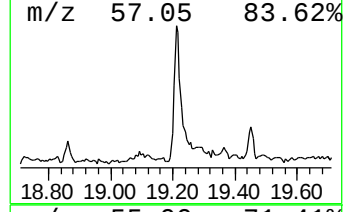
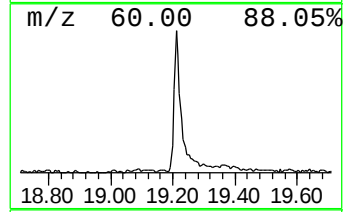
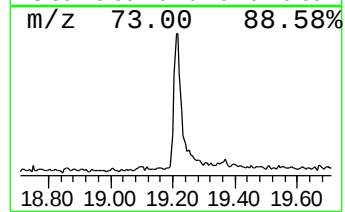
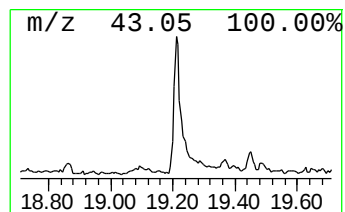
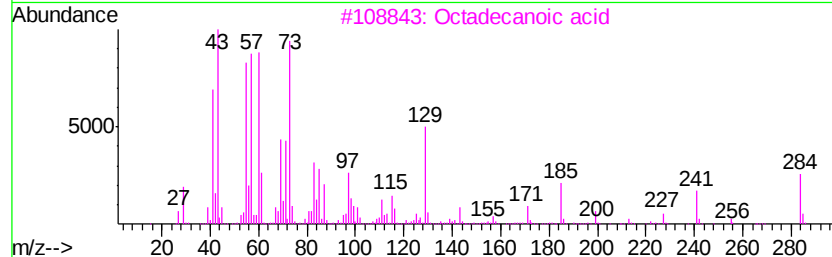
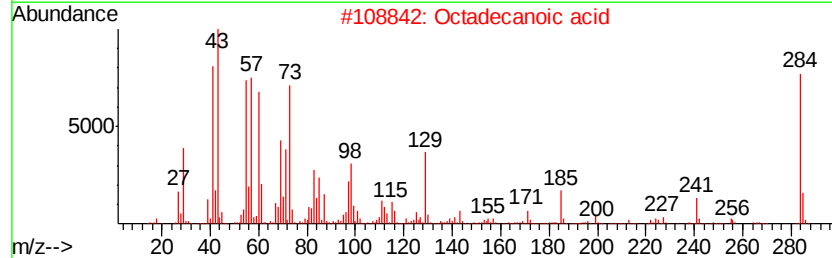
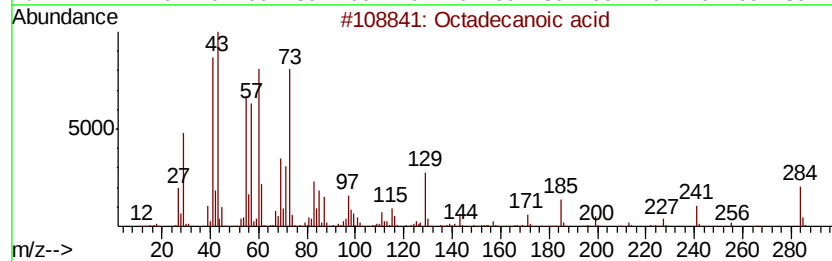
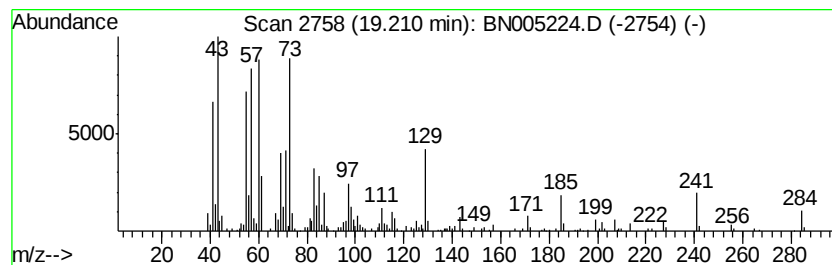
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.38 ng/ul	617816	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	86



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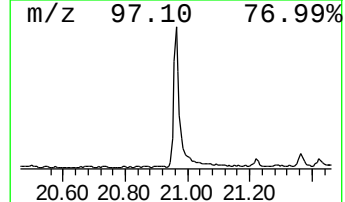
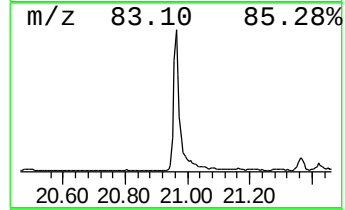
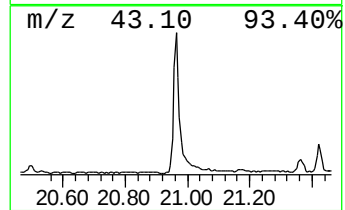
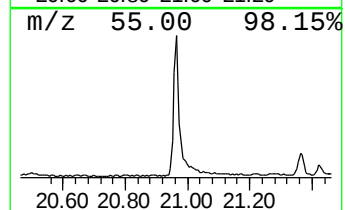
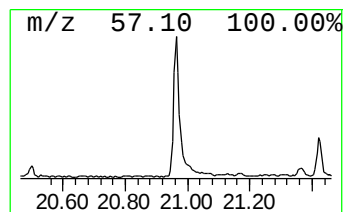
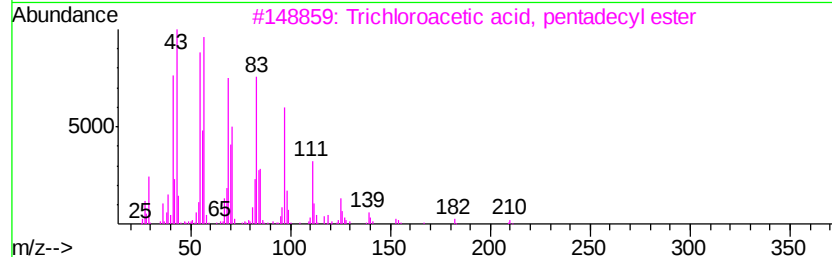
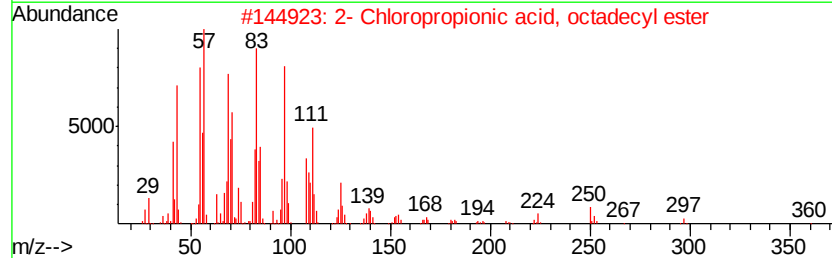
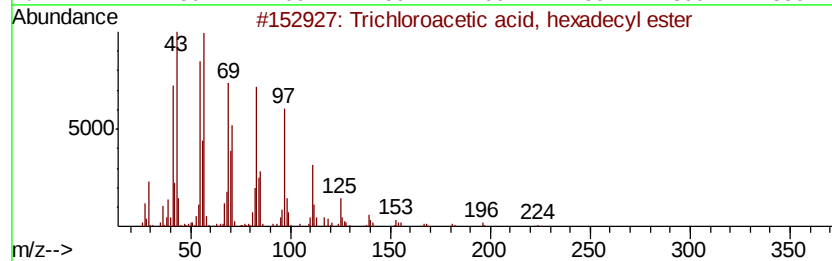
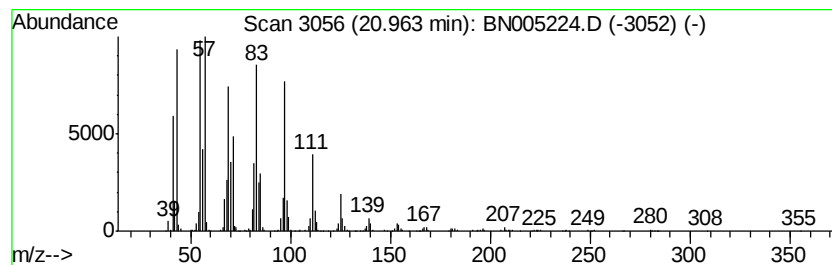
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Trichloroacetic acid, hexadecyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.84 ng/ul	2038200	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



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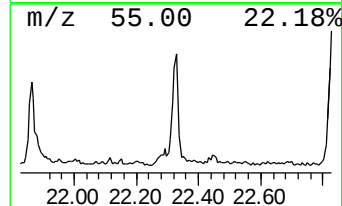
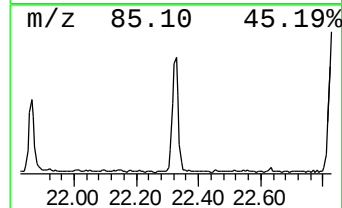
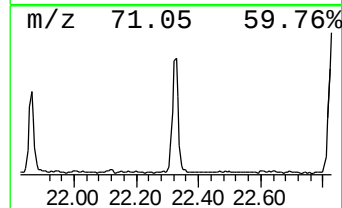
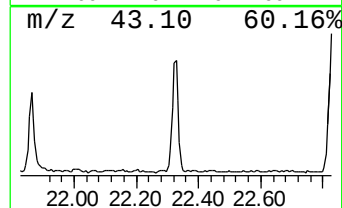
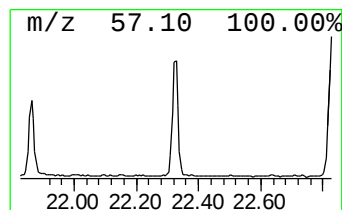
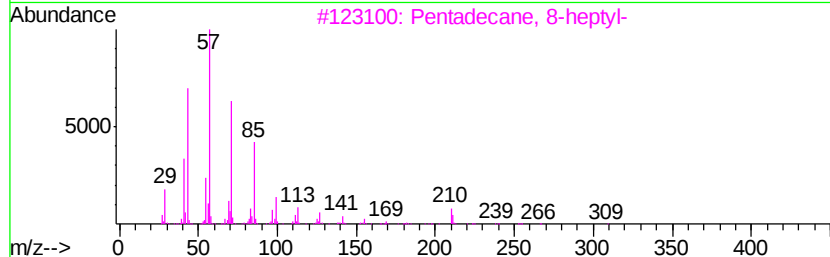
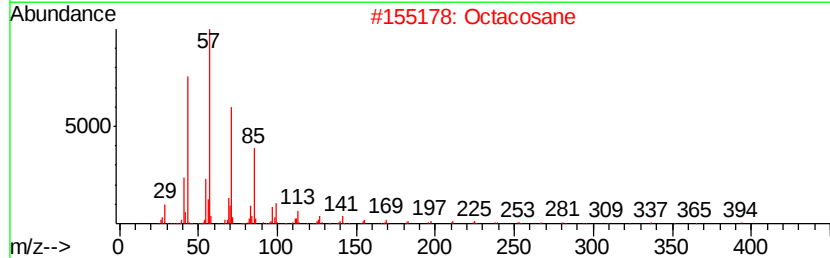
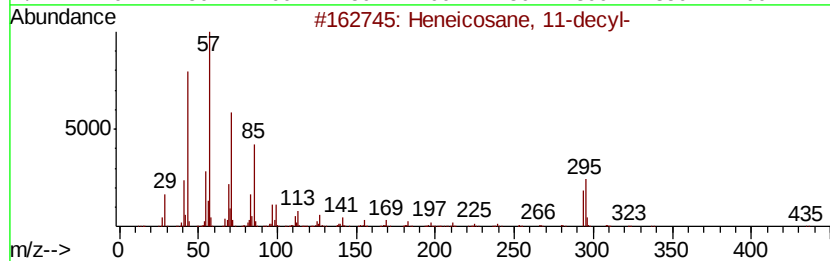
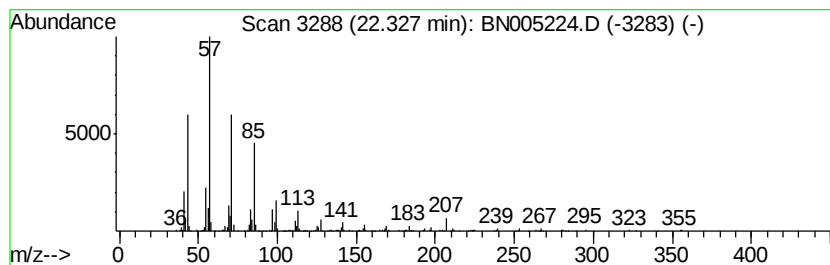
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.65 ng/ul	687954	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005224.D
Acq On : 23 Apr 2019 20:42
Operator : JU/SJ
Sample : K2403-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5131

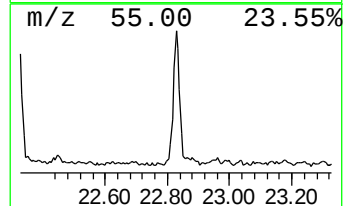
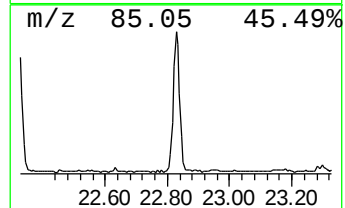
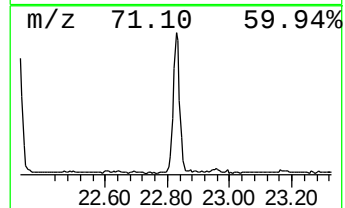
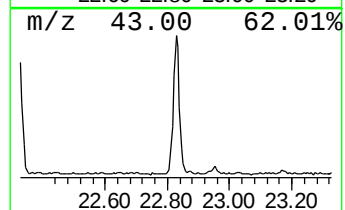
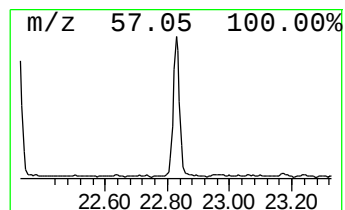
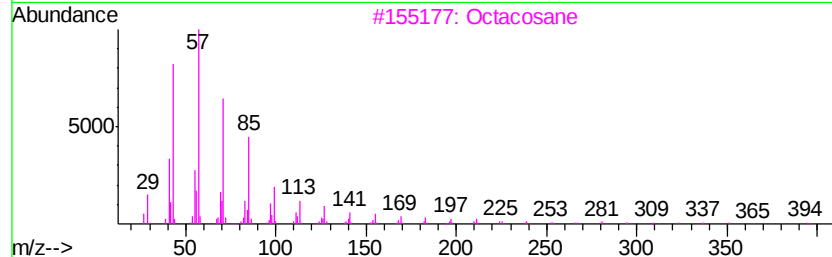
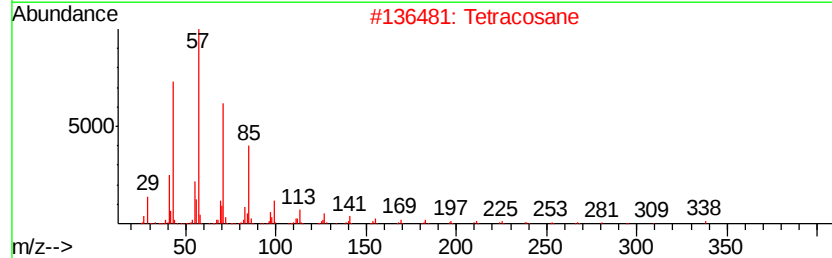
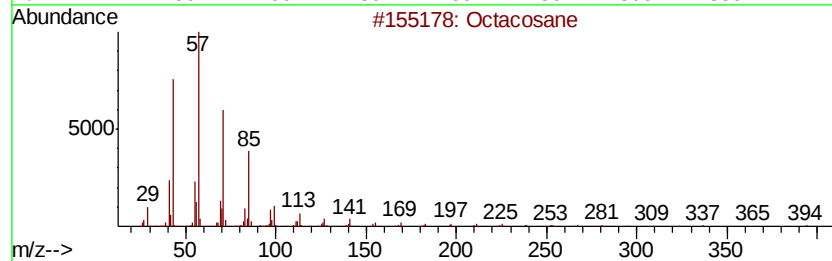
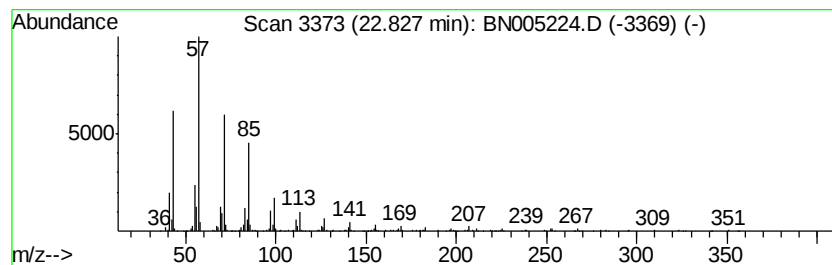
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.41 ng/ul	879850	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005224.D
Acq On : 23 Apr 2019 20:42
Operator : JU/SJ
Sample : K2403-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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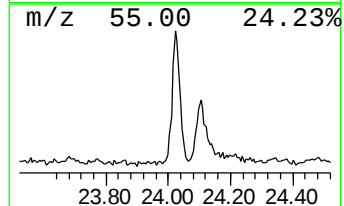
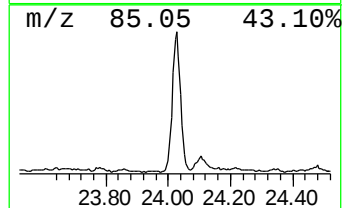
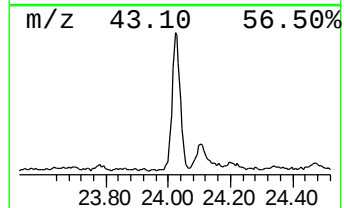
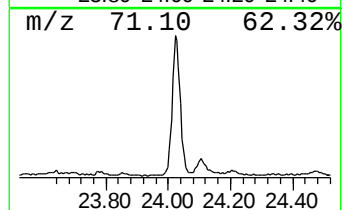
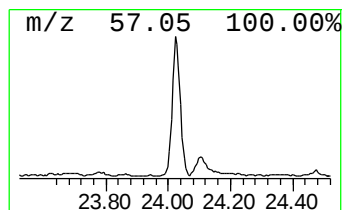
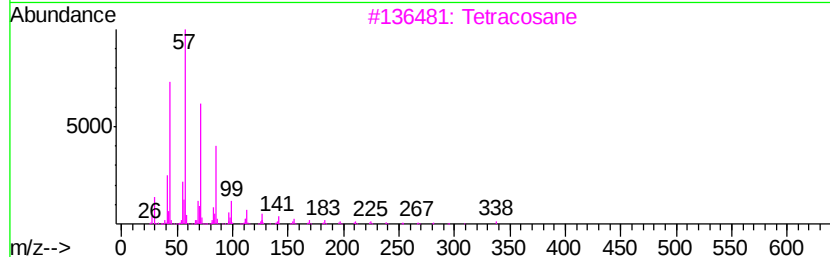
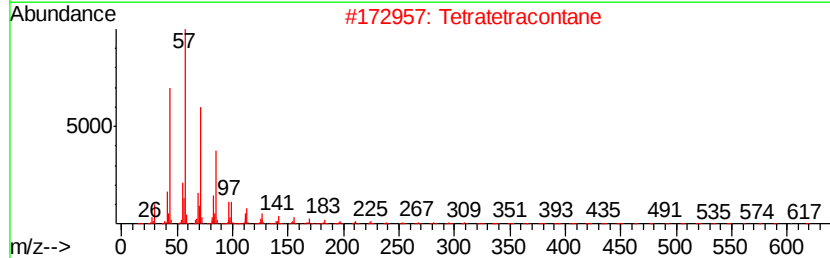
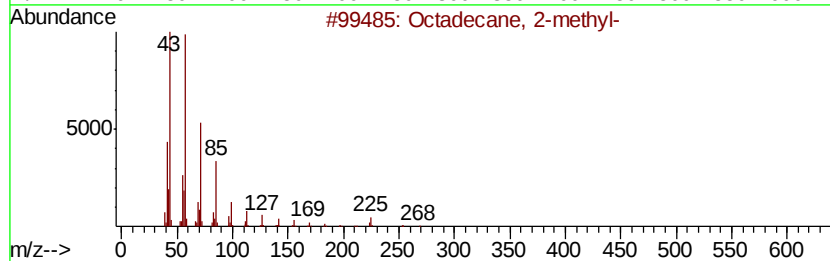
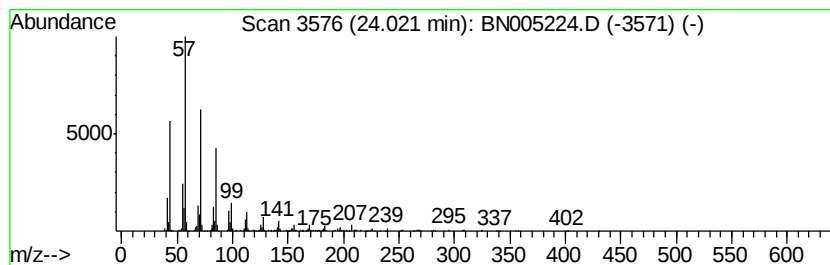
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.55 ng/ul	916182	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005224.D
Acq On : 23 Apr 2019 20:42
Operator : JU/SJ
Sample : K2403-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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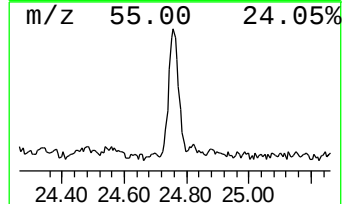
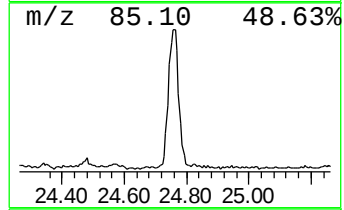
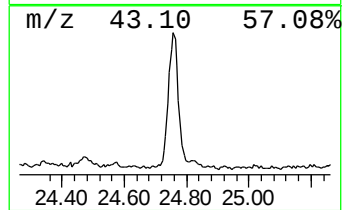
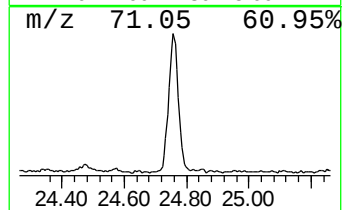
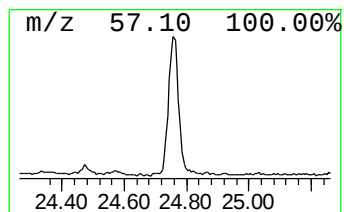
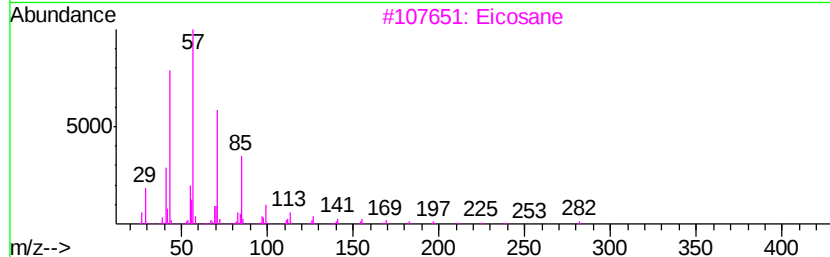
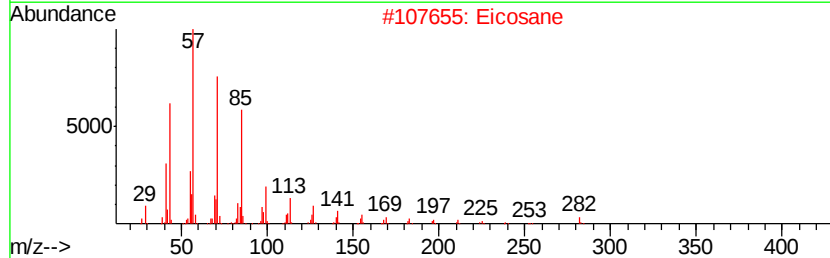
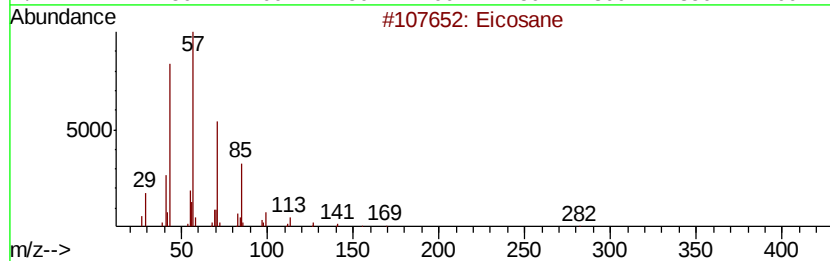
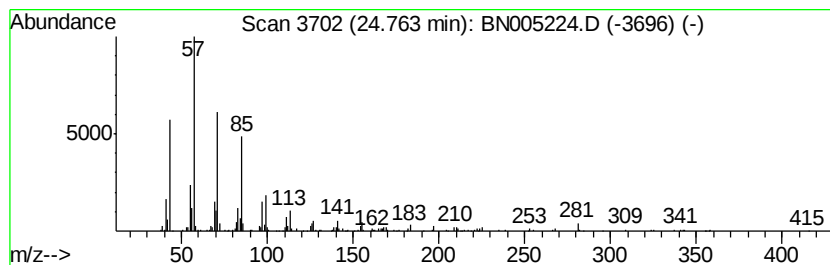
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.33 ng/ul	601482	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005224.D
Acq On : 23 Apr 2019 20:42
Operator : JU/SJ
Sample : K2403-17
Misc :
ALS Vial : 14 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
Tridecanoic acid	17.92	6.9	ng/ul	1943090	4	16.99	5601470	20.0
Octadecanoic acid	19.21	2.4	ng/ul	617816	5	21.22	5196930	20.0
Trichloroacetic a...	20.96	7.8	ng/ul	2038200	5	21.22	5196930	20.0
(DEL) Alkane: Str...	22.33	2.6	ng/ul	687954	5	21.22	5196930	20.0
(DEL) Alkane: Str...	22.83	3.4	ng/ul	879850	6	23.44	5159470	20.0
(DEL) Alkane: Str...	24.02	3.5	ng/ul	916182	6	23.44	5159470	20.0
(DEL) Alkane: Str...	24.76	2.3	ng/ul	601482	6	23.44	5159470	20.0