

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005768.D
 Acq On : 18 May 2019 23:57
 Operator : JU/SJ
 Sample : K2690-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5168

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-BN051819MA.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	3.164	27	30	32	rBV2	24939	31492	0.66%	0.073%
2	6.764	636	642	654	rBV	395050	770439	16.22%	1.779%
3	6.917	663	668	679	rVB	342197	571450	12.03%	1.319%
4	7.111	695	701	712	rBV	458810	791097	16.65%	1.827%
5	7.199	713	716	724	rVB5	21080	34411	0.72%	0.079%
6	7.569	773	779	789	rVB	386179	646839	13.61%	1.494%
7	8.281	894	900	913	rBV	500960	930487	19.58%	2.148%
8	8.716	968	974	982	rBV	488093	875790	18.43%	2.022%
9	8.781	982	985	991	rVB2	23566	36903	0.78%	0.085%
10	9.434	1089	1096	1109	rBV	441230	791404	16.66%	1.827%
11	9.969	1181	1187	1202	rBV	524871	1080175	22.74%	2.494%
12	10.328	1242	1248	1257	rBV	602525	1017293	21.41%	2.349%
13	10.481	1267	1274	1293	rBV	475638	1059636	22.30%	2.447%
14	11.969	1521	1527	1536	rVB5	6184	16397	0.35%	0.038%
15	12.810	1667	1670	1676	rVB2	3353	5159	0.11%	0.012%
16	13.040	1705	1709	1713	rVB3	4387	5799	0.12%	0.013%
17	13.628	1803	1809	1814	rBV	1386033	2046794	43.08%	4.726%
18	13.675	1814	1817	1827	rVB	308868	437020	9.20%	1.009%
19	13.899	1849	1855	1869	rBV	1539967	2365397	49.79%	5.462%
20	14.128	1889	1894	1898	rBV4	6442	8969	0.19%	0.021%
21	14.210	1900	1908	1917	rVV2	1033298	1547447	32.57%	3.573%
22	14.457	1944	1950	1967	rBV2	300085	779670	16.41%	1.800%
23	14.663	1981	1985	1989	rVV4	13290	18312	0.39%	0.042%
24	15.081	2053	2056	2063	rVB	7962	10347	0.22%	0.024%
25	15.216	2072	2079	2087	rBV	1988519	3018310	63.53%	6.969%
26	15.375	2100	2106	2117	rBV	482730	898427	18.91%	2.074%
27	15.457	2117	2120	2132	rVB2	31132	54523	1.15%	0.126%
28	15.793	2171	2177	2180	rBV5	3011	4803	0.10%	0.011%
29	15.951	2199	2204	2210	rBV4	9516	17553	0.37%	0.041%
30	15.998	2210	2212	2215	rVB2	5920	7109	0.15%	0.016%
31	16.410	2278	2282	2287	rBV5	2617	4882	0.10%	0.011%
32	16.522	2297	2301	2308	rVB2	27205	41012	0.86%	0.095%
33	16.745	2333	2339	2347	rBV5	7023	18870	0.40%	0.044%
34	16.969	2370	2377	2387	rBV2	1460285	2021966	42.56%	4.669%

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35	17.069	2387	2394	2408	rVV2	2183471	3334659	70.19%	7.700%
36	17.387	2443	2448	2451	rBV3	3608	6136	0.13%	0.014%
37	17.481	2461	2464	2468	rVB2	10802	11815	0.25%	0.027%
38	17.763	2509	2512	2515	rBV3	4799	5544	0.12%	0.013%
39	17.887	2528	2533	2541	rBV	167188	319916	6.73%	0.739%
40	18.175	2578	2582	2587	rVB5	17645	20402	0.43%	0.047%
41	18.263	2594	2597	2598	rBV3	4534	4959	0.10%	0.011%
42	18.281	2598	2600	2604	rVV5	5265	6306	0.13%	0.015%
43	18.434	2624	2626	2630	rVV5	4098	5929	0.12%	0.014%
44	18.475	2630	2633	2635	rVB3	3992	4802	0.10%	0.011%
45	18.575	2647	2650	2655	rBV7	3317	6571	0.14%	0.015%
46	18.645	2660	2662	2667	rBV5	5266	5453	0.11%	0.013%
47	18.822	2689	2692	2698	rVB	28062	33602	0.71%	0.078%
48	19.022	2717	2726	2729	rBV	26398	46596	0.98%	0.108%
49	19.051	2729	2731	2739	rVB8	9469	20164	0.42%	0.047%
50	19.181	2749	2753	2763	rBV5	66249	143947	3.03%	0.332%
51	19.269	2765	2768	2772	rVB	26397	35728	0.75%	0.082%
52	19.386	2781	2788	2801	rBV	2837162	4167925	87.73%	9.624%
53	19.581	2818	2821	2823	rBV4	6239	8565	0.18%	0.020%
54	19.845	2863	2866	2871	rBV6	7845	10971	0.23%	0.025%
55	19.951	2880	2884	2888	rVB	57246	61865	1.30%	0.143%
56	20.245	2932	2934	2936	rBV3	8032	7423	0.16%	0.017%
57	20.333	2945	2949	2953	rBV3	35598	48533	1.02%	0.112%
58	20.451	2965	2969	2979	rBV2	73118	107437	2.26%	0.248%
59	20.922	3045	3049	3060	rBV	162133	300119	6.32%	0.693%
60	21.122	3080	3083	3087	rBV	40279	37190	0.78%	0.086%
61	21.204	3091	3097	3112	rBV	1855011	2710812	57.06%	6.259%
62	21.363	3120	3124	3127	rBV	123344	125203	2.64%	0.289%
63	21.792	3194	3197	3203	rBV	165489	169231	3.56%	0.391%
64	22.245	3270	3274	3281	rBV	235059	320300	6.74%	0.740%
65	22.369	3291	3295	3301	rVB	176620	228940	4.82%	0.529%
66	22.739	3354	3358	3364	rVB	264914	353652	7.44%	0.817%
67	23.269	3440	3448	3461	rBV2	2298294	4751090	100.00%	10.970%
68	23.404	3465	3471	3486	rVB	1318204	2587006	54.45%	5.973%
69	23.910	3552	3557	3565	rVB	283510	509390	10.72%	1.176%
70	24.627	3674	3679	3688	rVB	216994	466625	9.82%	1.077%
71	25.468	3817	3822	3834	rVB	147282	358062	7.54%	0.827%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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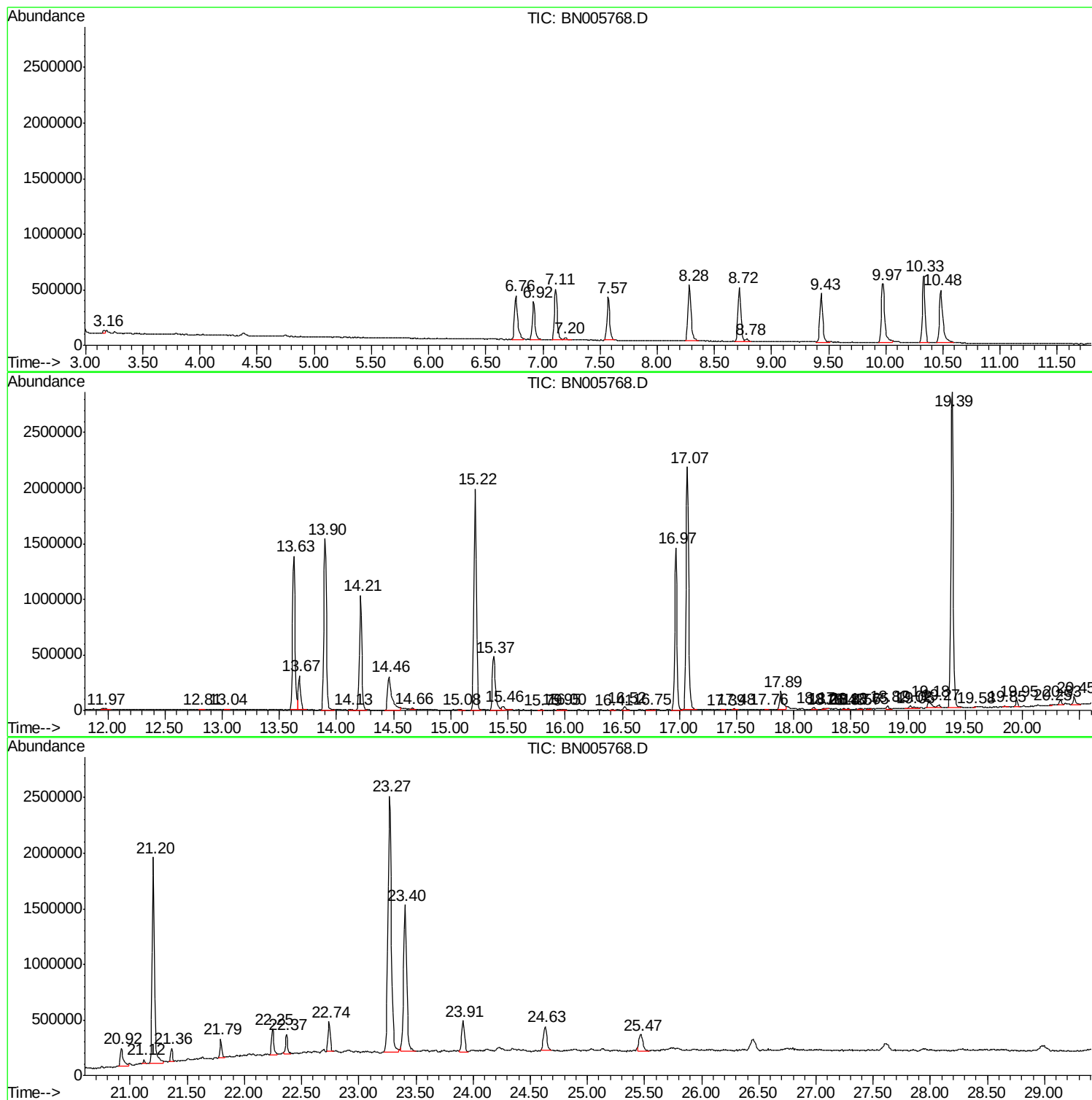
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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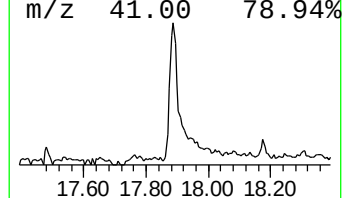
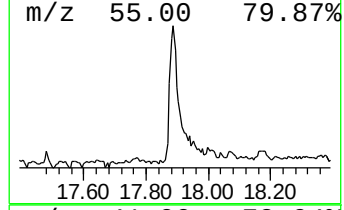
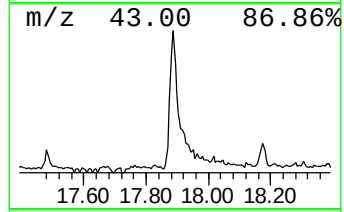
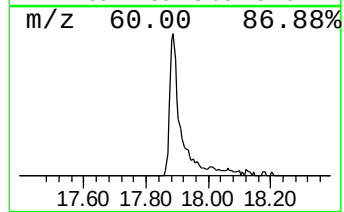
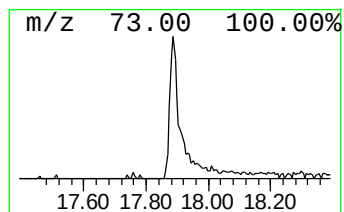
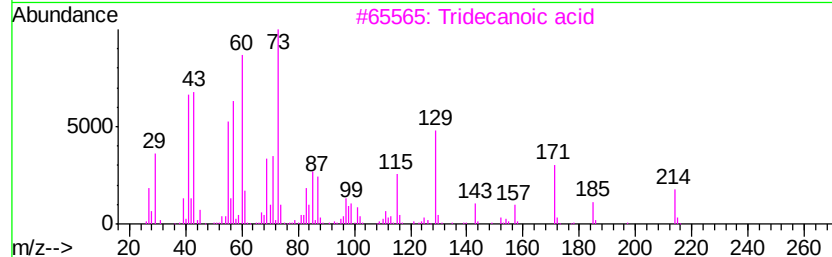
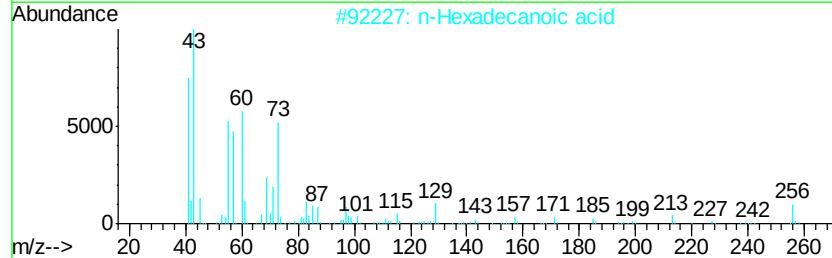
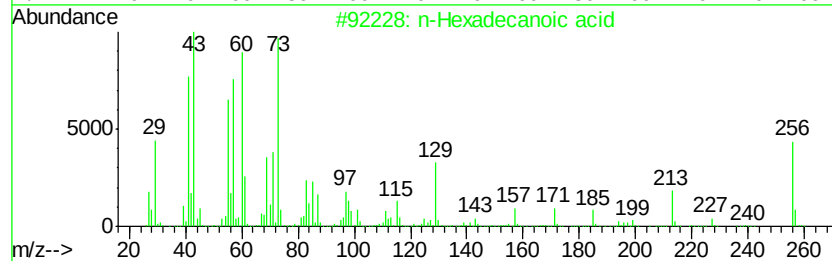
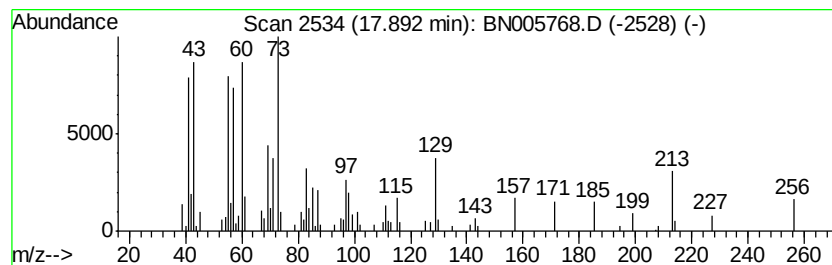
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	3.16 ng/ul	319916	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
3	Tridecanoic acid		214	C13H26O2	000638-53-9	95
4	Tridecanoic acid		214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	86



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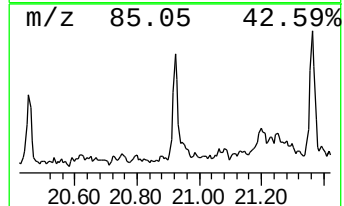
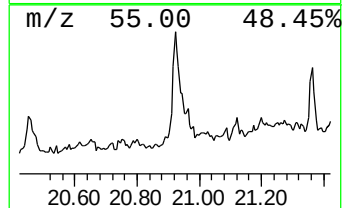
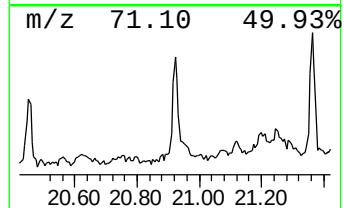
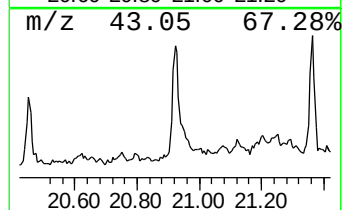
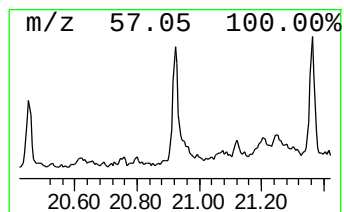
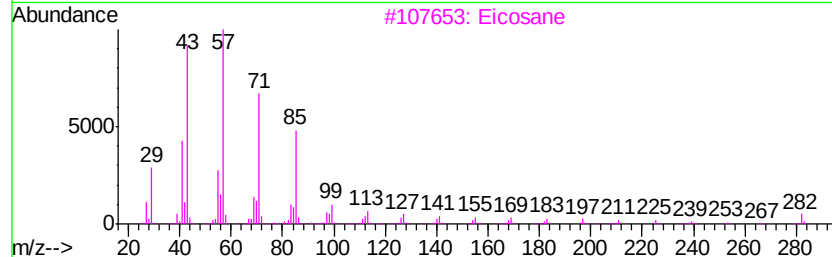
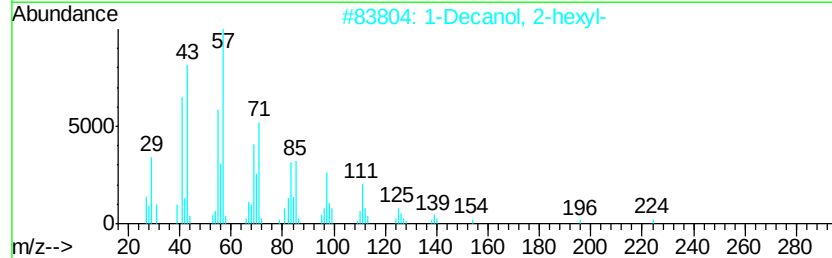
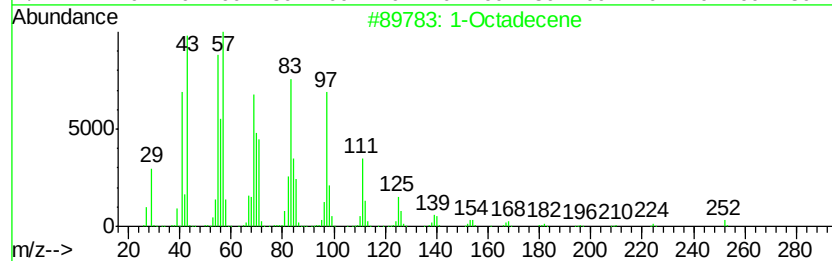
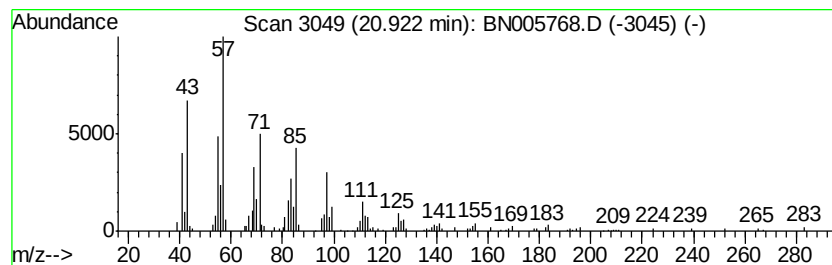
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.92	2.21 ng/ul	300119	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
3	Eicosane	282	C20H42	000112-95-8	58
4	Trifluoroacetic acid, n-octadecyl-	366	C20H37F3O2	079392-43-1	58
5	Heptafluorobutyric acid, n-octadecyl-	466	C22H37F7O2	000400-57-7	53



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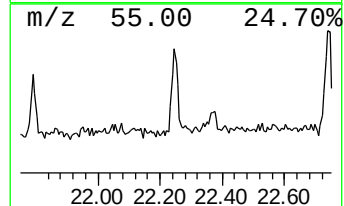
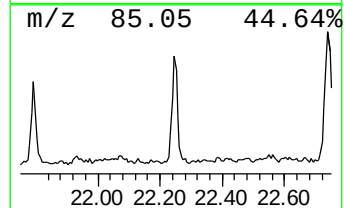
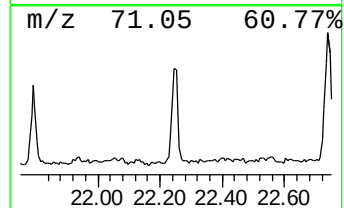
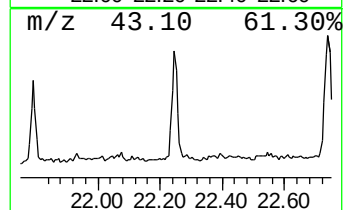
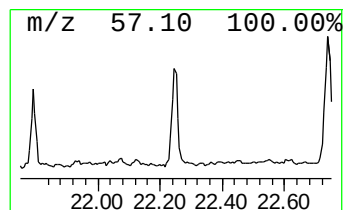
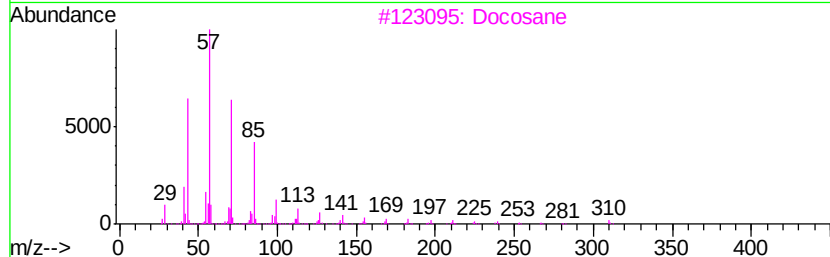
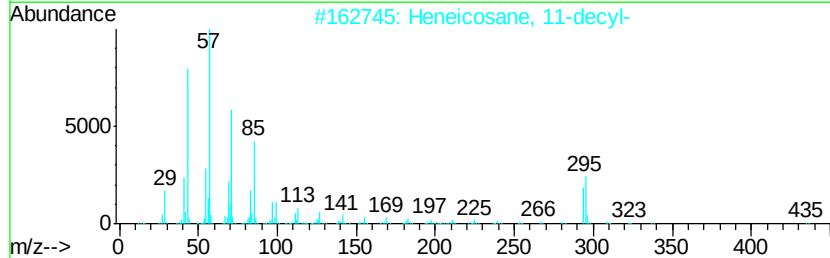
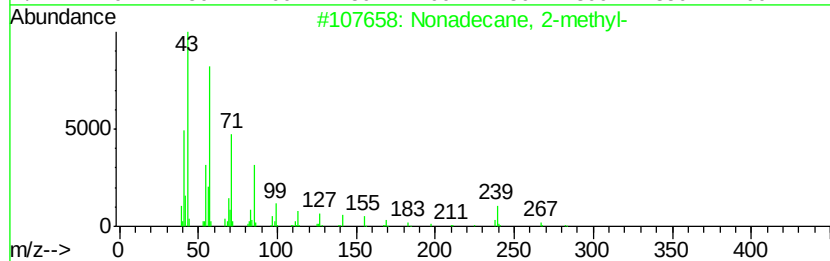
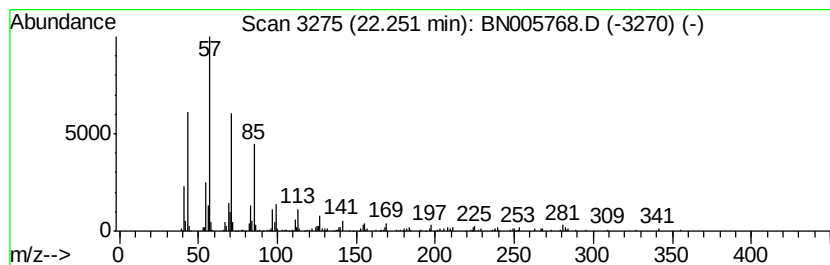
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.36 ng/ul	320300	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Docosane	310	C22H46	000629-97-0	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



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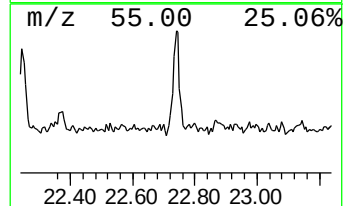
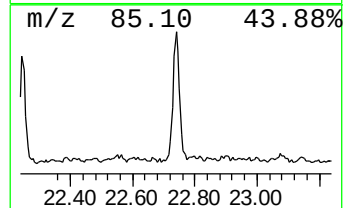
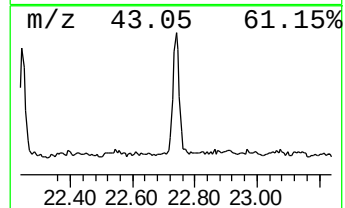
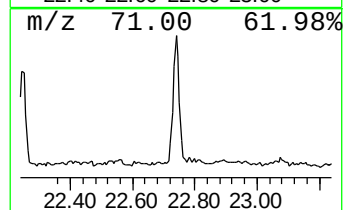
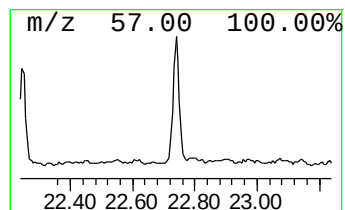
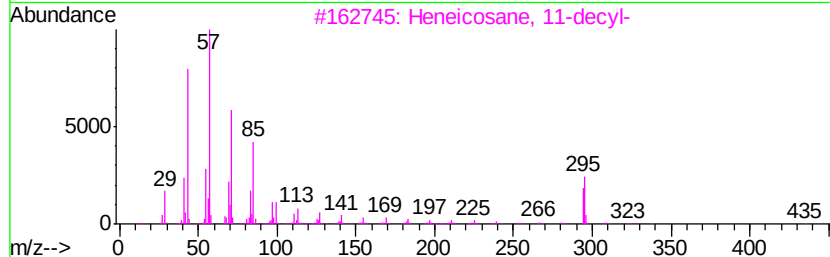
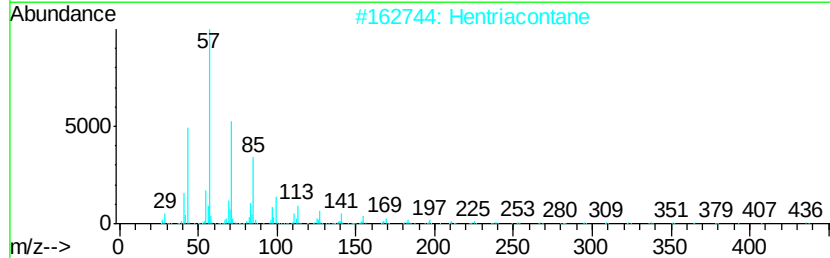
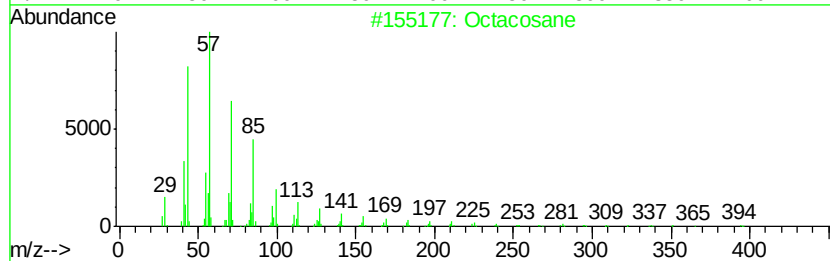
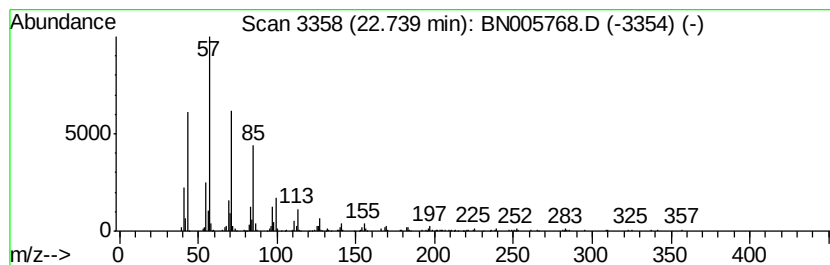
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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.
22.74	2.73 ng/ul	353652	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Heptacosane	380	C27H56	000593-49-7	90



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Acq On : 18 May 2019 23:57
Operator : JU/SJ
Sample : K2690-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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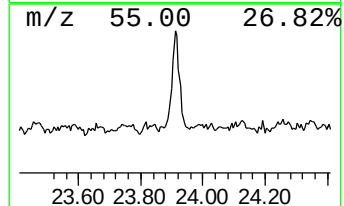
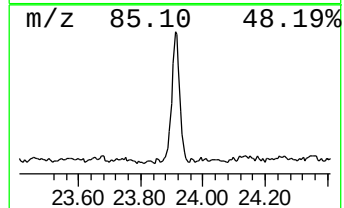
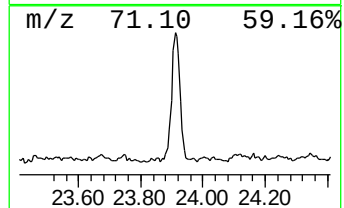
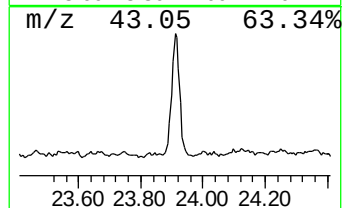
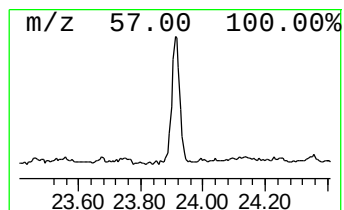
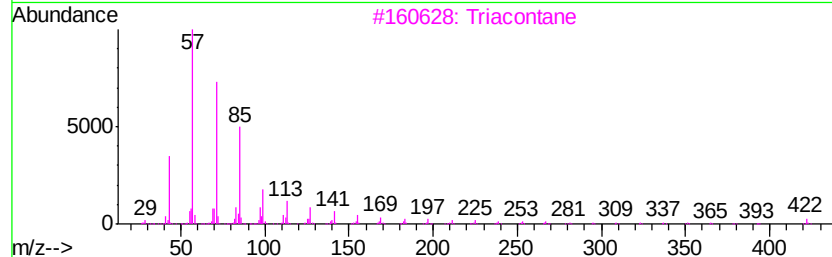
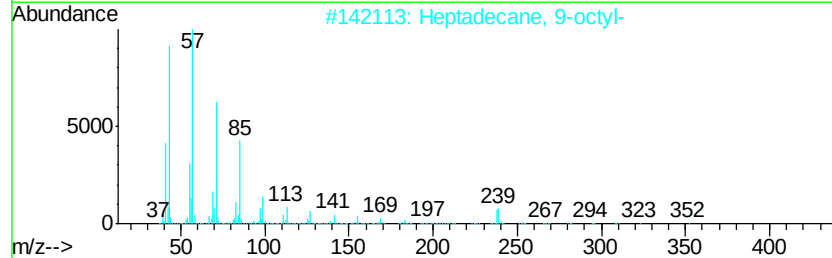
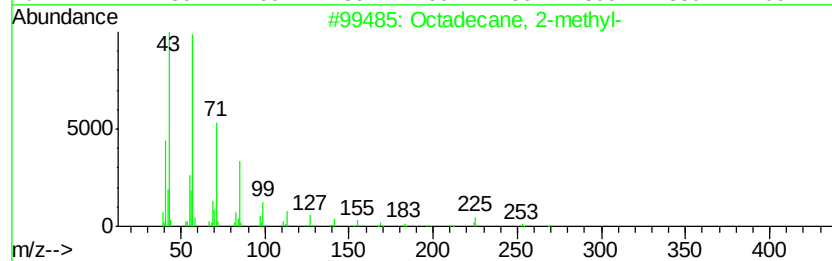
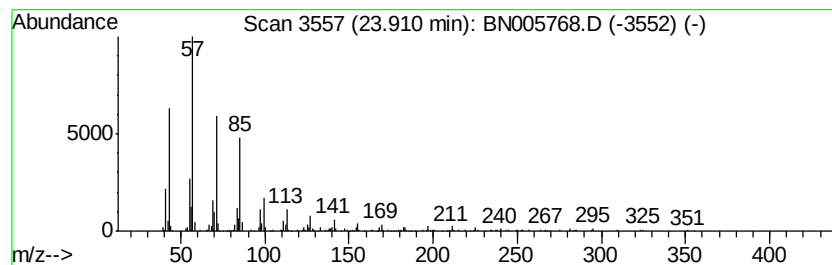
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	3.94 ng/ul	509390	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005768.D
Acq On : 18 May 2019 23:57
Operator : JU/SJ
Sample : K2690-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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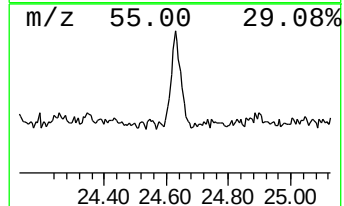
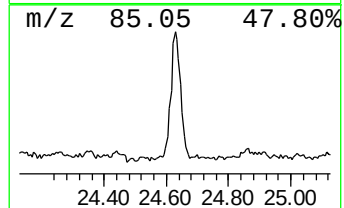
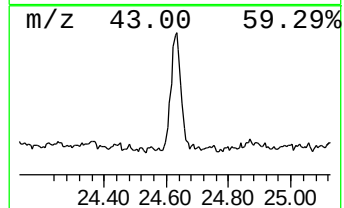
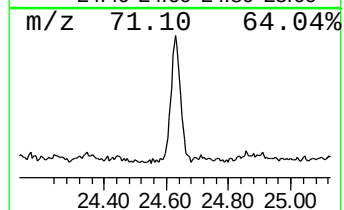
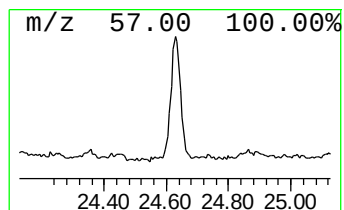
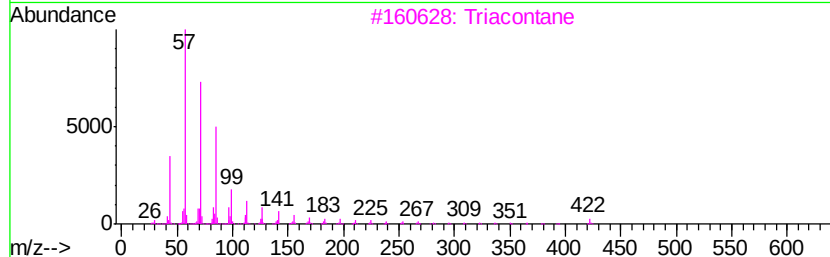
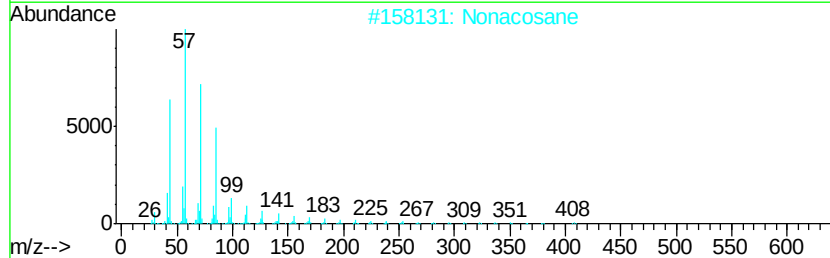
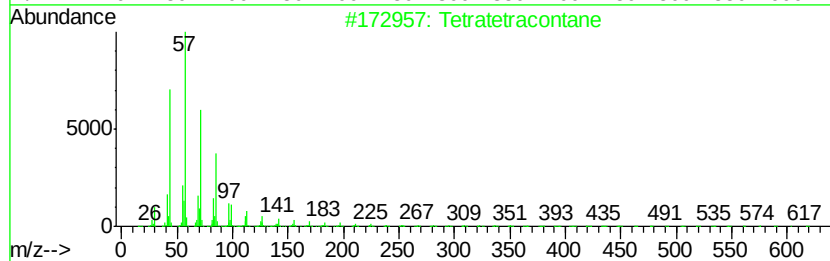
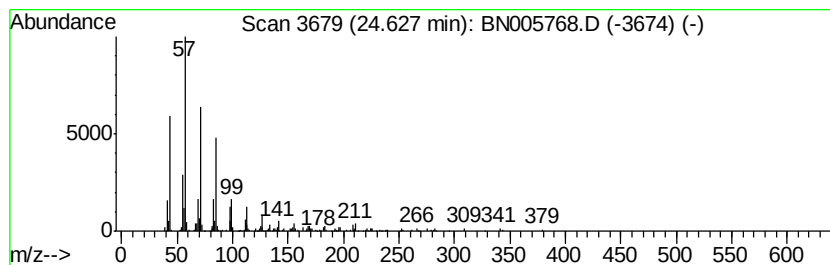
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	3.61 ng/ul	466625	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Nonacosane	408	C29H60	000630-03-5	87
3		triacontane	422	C30H62	000638-68-6	87
4		Docosane	310	C22H46	000629-97-0	87
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
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Acq On : 18 May 2019 23:57
Operator : JU/SJ
Sample : K2690-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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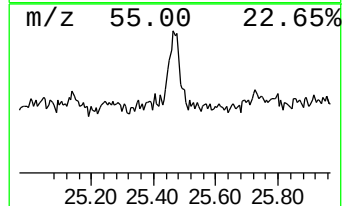
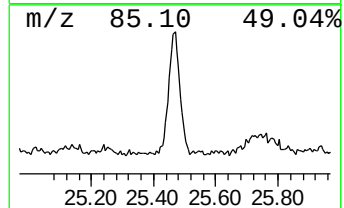
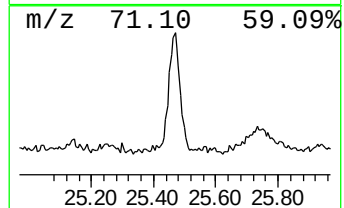
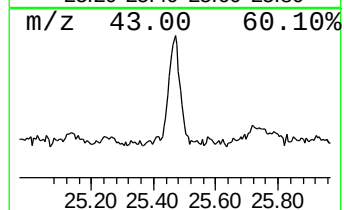
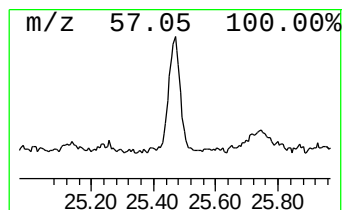
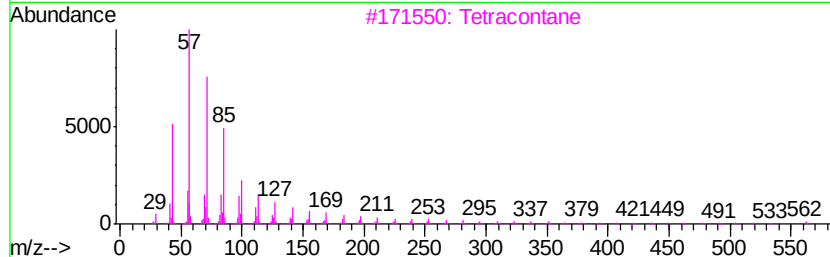
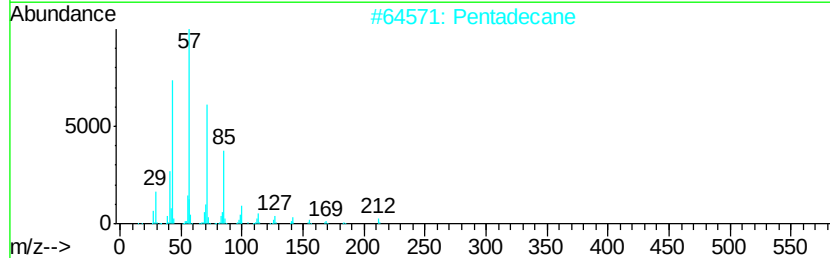
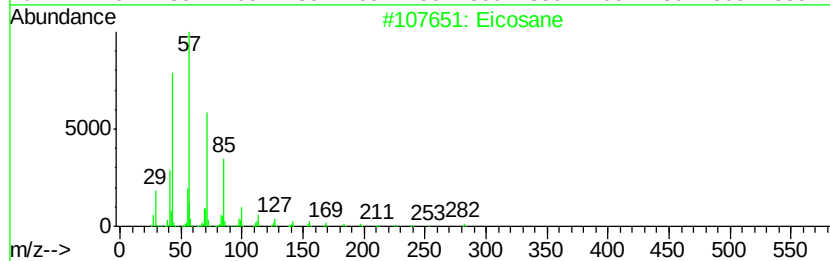
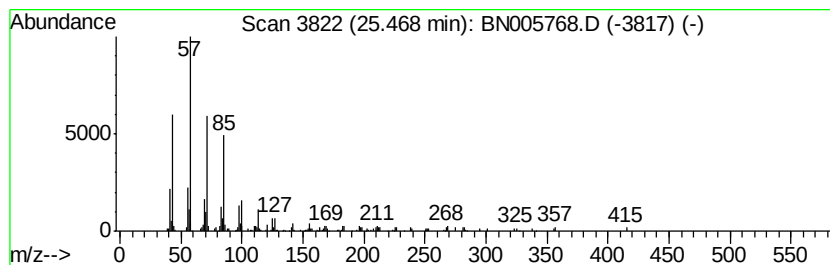
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	2.77 ng/ul	358062	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane	212	C15H32	000629-62-9	91
3		Tetracontane	563	C40H82	004181-95-7	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
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Acq On : 18 May 2019 23:57
Operator : JU/SJ
Sample : K2690-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
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(DEL) Alkane: Cyc...	20.92	2.2	ng/ul	300119	5	21.20	2710810	20.0
(DEL) Alkane: Str...	22.25	2.4	ng/ul	320300	5	21.20	2710810	20.0
(DEL) Alkane: Str...	22.74	2.7	ng/ul	353652	6	23.40	2587010	20.0
(DEL) Alkane: Str...	23.91	3.9	ng/ul	509390	6	23.40	2587010	20.0
(DEL) Alkane: Str...	24.63	3.6	ng/ul	466625	6	23.40	2587010	20.0
(DEL) Alkane: Str...	25.47	2.8	ng/ul	358062	6	23.40	2587010	20.0