

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005388.D
 Acq On : 01 May 2019 00:51
 Operator : JU/SJ
 Sample : K2596-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH66

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	35	38	48	rVB	82568	125854	1.02%	0.108%
2	3.911	154	157	163	rVB4	12952	19456	0.16%	0.017%
3	4.781	301	305	310	rVB6	7254	12577	0.10%	0.011%
4	6.775	636	644	655	rBV	1590713	2554300	20.61%	2.196%
5	6.940	665	672	683	rBV	1194106	1844356	14.88%	1.586%
6	7.128	697	704	715	rBV	1606331	2521685	20.35%	2.168%
7	7.593	776	783	792	rBV	1078352	1703103	13.74%	1.465%
8	7.663	792	795	799	rVB3	11061	15828	0.13%	0.014%
9	8.293	895	902	913	rBV	1988678	3248718	26.22%	2.794%
10	8.734	969	977	990	rBV	1547198	2523585	20.37%	2.170%
11	9.175	1048	1052	1059	rVB2	27562	41450	0.33%	0.036%
12	9.446	1090	1098	1106	rBV	1348672	2172819	17.53%	1.868%
13	9.981	1180	1189	1206	rBV	2003778	3516519	28.38%	3.024%
14	10.351	1243	1252	1261	rVB	1547730	2591736	20.92%	2.229%
15	10.493	1268	1276	1290	rBV	1955740	3407345	27.50%	2.930%
16	10.745	1312	1319	1327	rBV9	8991	26692	0.22%	0.023%
17	11.434	1430	1436	1440	rBV5	7111	14953	0.12%	0.013%
18	11.957	1520	1525	1529	rVB3	26129	46494	0.38%	0.040%
19	13.598	1798	1804	1805	rBV4	11885	15796	0.13%	0.014%
20	13.645	1805	1812	1816	rVV	3785911	5324952	42.97%	4.579%
21	13.687	1816	1819	1829	rVB	407017	573641	4.63%	0.493%
22	13.916	1849	1858	1871	rBV	4347739	6515054	52.58%	5.602%
23	14.069	1877	1884	1893	rBV	71280	171389	1.38%	0.147%
24	14.145	1895	1897	1903	rVV6	10208	19466	0.16%	0.017%
25	14.228	1904	1911	1924	rVB2	2398001	3831733	30.92%	3.295%
26	14.434	1939	1946	1969	rBV	1519897	2715025	21.91%	2.335%
27	14.663	1983	1985	1990	rVB6	12421	14555	0.12%	0.013%
28	14.986	2035	2040	2046	rBV	21879	33334	0.27%	0.029%
29	15.104	2057	2060	2066	rVB6	10824	14122	0.11%	0.012%
30	15.228	2074	2081	2095	rBV	5538018	7978897	64.39%	6.861%
31	15.351	2096	2102	2117	rVV	1636988	2469522	19.93%	2.124%
32	15.463	2117	2121	2129	rVB	75885	113651	0.92%	0.098%
33	16.010	2210	2214	2220	rBV4	20089	33031	0.27%	0.028%
34	16.657	2318	2324	2331	rBV8	13154	20496	0.17%	0.018%

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35	16.769	2339	2343	2349	rBV3	17247	28485	0.23%	0.024%
36	16.898	2362	2365	2372	rBV5	11303	21549	0.17%	0.019%
37	16.980	2372	2379	2389	rVV2	3464834	5056889	40.81%	4.348%
38	17.080	2389	2396	2409	rVV	6083286	8977808	72.45%	7.720%
39	17.780	2510	2515	2520	rBV8	15388	33397	0.27%	0.029%
40	17.839	2520	2525	2530	rBV4	43699	71134	0.57%	0.061%
41	17.898	2530	2535	2551	rBV	709064	1224682	9.88%	1.053%
42	18.198	2582	2586	2593	rBV9	20463	44444	0.36%	0.038%
43	18.757	2678	2681	2684	rBV5	12921	14367	0.12%	0.012%
44	18.845	2690	2696	2699	rBV5	16220	29461	0.24%	0.025%
45	19.022	2721	2726	2728	rBV2	77447	103839	0.84%	0.089%
46	19.045	2728	2730	2731	rVV2	43701	41828	0.34%	0.036%
47	19.074	2731	2735	2749	rVV	303622	693304	5.60%	0.596%
48	19.198	2751	2756	2764	rVV	287415	463147	3.74%	0.398%
49	19.269	2765	2768	2775	rVB	79181	120030	0.97%	0.103%
50	19.392	2782	2789	2795	rBV	7858266	11025043	88.97%	9.481%
51	19.974	2884	2888	2891	rVV	38091	43235	0.35%	0.037%
52	20.186	2920	2924	2928	rBV6	35284	62647	0.51%	0.054%
53	20.410	2960	2962	2967	rVB5	24983	24468	0.20%	0.021%
54	20.474	2969	2973	2977	rVB2	63910	80589	0.65%	0.069%
55	20.939	3047	3052	3058	rBV2	281784	441112	3.56%	0.379%
56	21.204	3091	3097	3108	rBV	4925898	6284845	50.72%	5.404%
57	21.386	3124	3128	3133	rVB	210259	234000	1.89%	0.201%
58	21.821	3198	3202	3209	rBV	324667	423329	3.42%	0.364%
59	22.274	3275	3279	3285	rBV	476370	607923	4.91%	0.523%
60	22.398	3297	3300	3305	rVB2	102800	125612	1.01%	0.108%
61	22.774	3359	3364	3371	rBV	641347	918980	7.42%	0.790%
62	23.268	3439	3448	3454	rBV2	6550481	12391426	100.00%	10.656%
63	23.327	3454	3458	3463	rVV	673340	1027962	8.30%	0.884%
64	23.398	3463	3470	3480	rVB	3229602	5916742	47.75%	5.088%
65	23.957	3559	3565	3572	rBV	703090	1265760	10.21%	1.088%
66	24.680	3681	3688	3696	rVB	445770	960078	7.75%	0.826%
67	25.521	3825	3831	3840	rBV	325158	792219	6.39%	0.681%
68	26.515	3994	4000	4009	rVB3	184302	508779	4.11%	0.438%

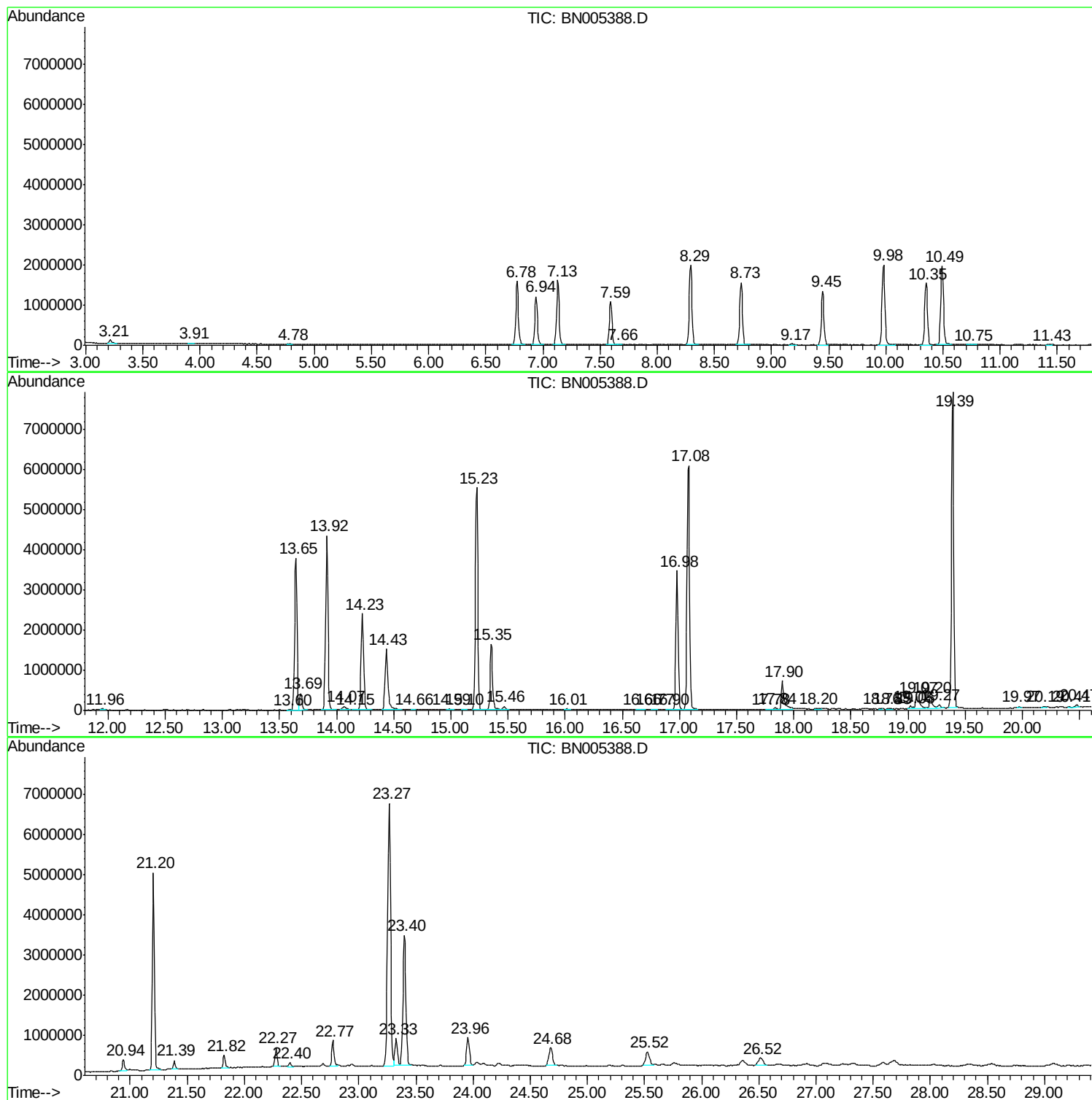
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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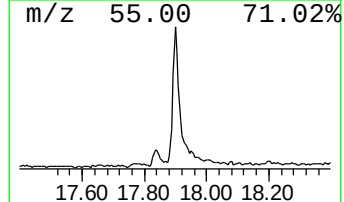
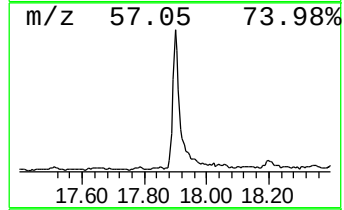
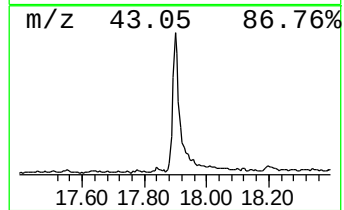
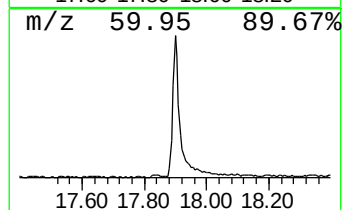
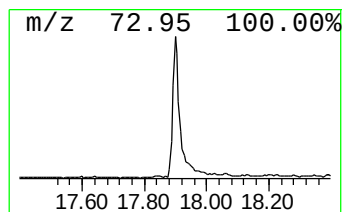
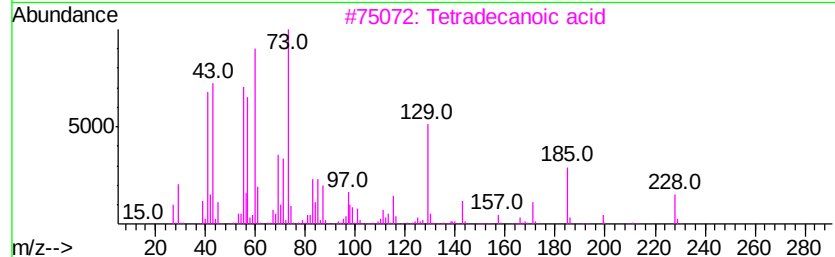
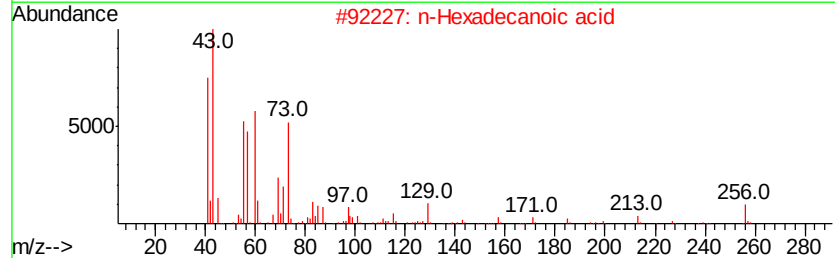
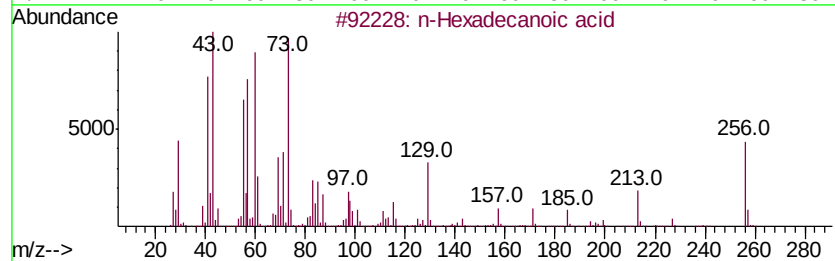
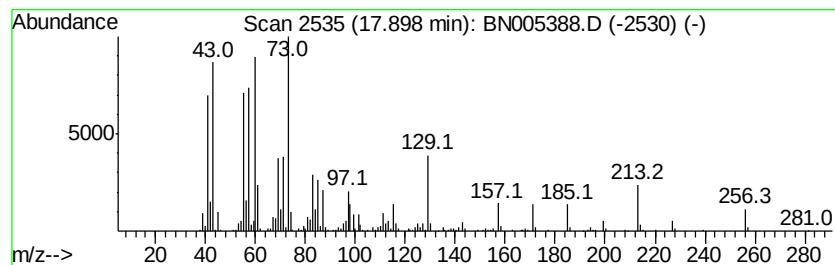
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	4.84 ng/ul	1224680	Phenanthrene-d10		16.98	
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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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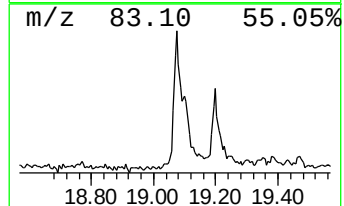
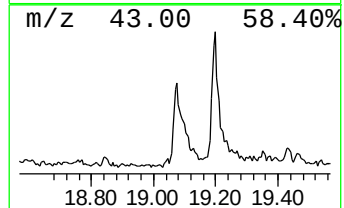
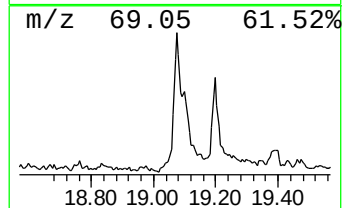
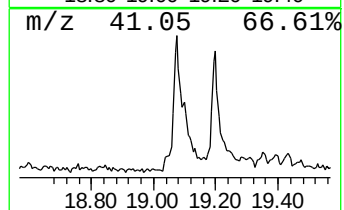
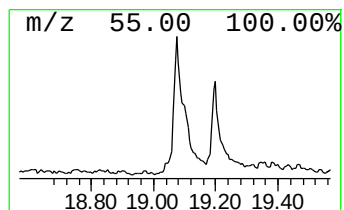
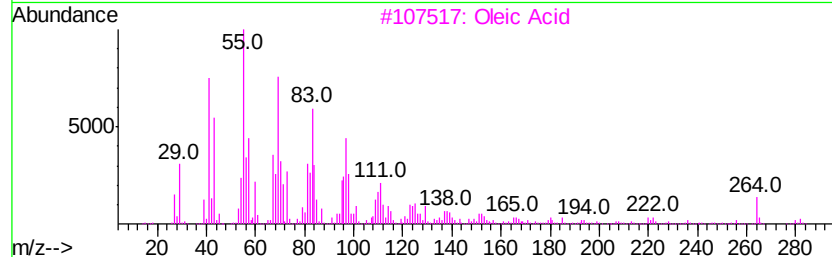
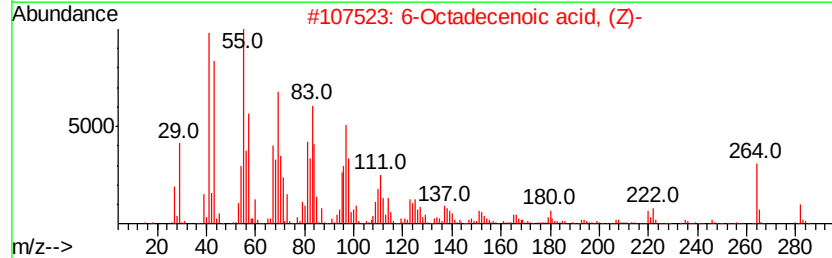
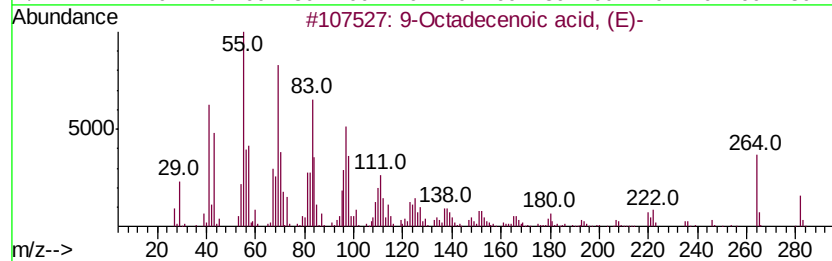
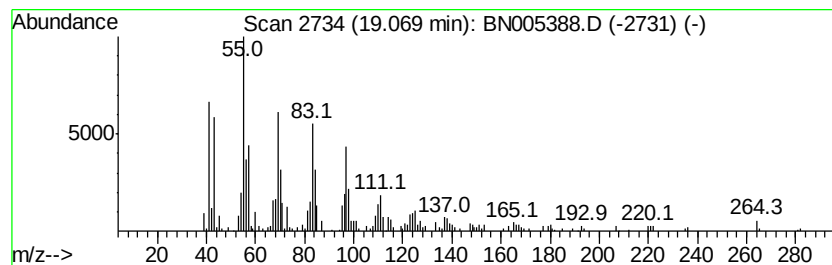
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.07	2.74 ng/ul	693304	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	96
3	Oleic Acid	282	C18H34O2	000112-80-1	91
4	Oleic Acid	282	C18H34O2	000112-80-1	90
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	80



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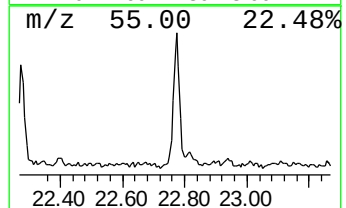
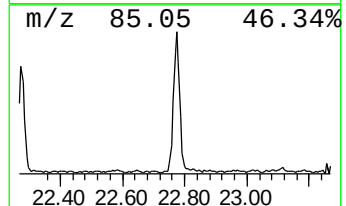
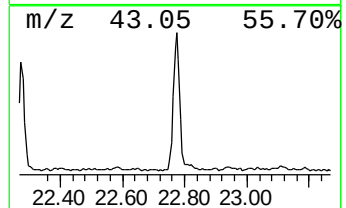
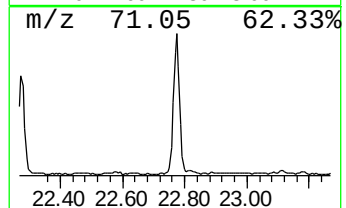
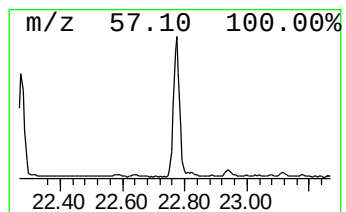
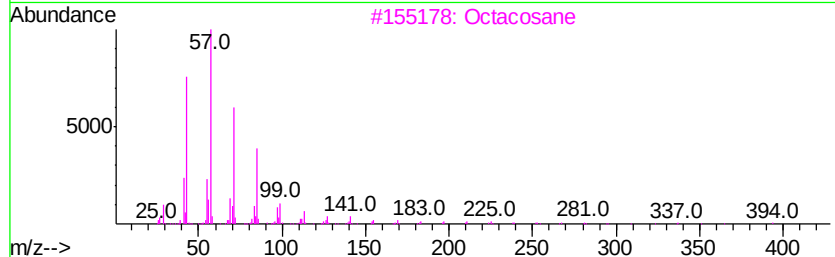
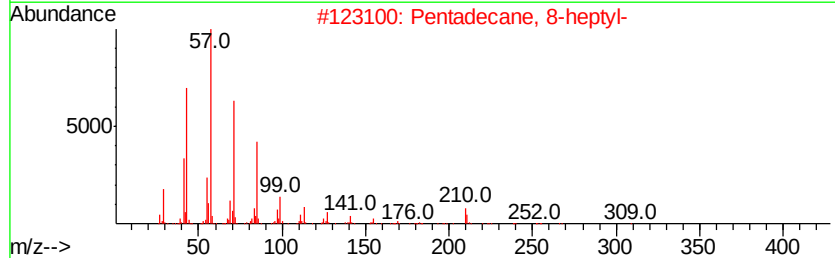
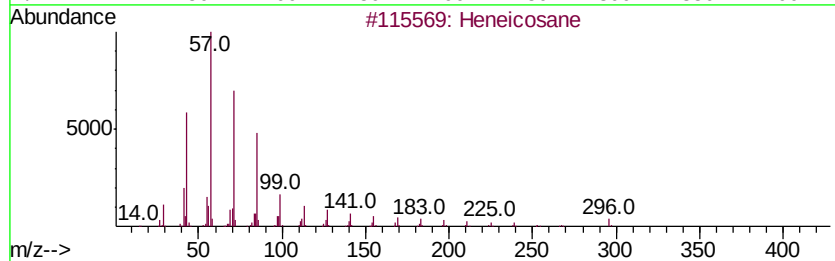
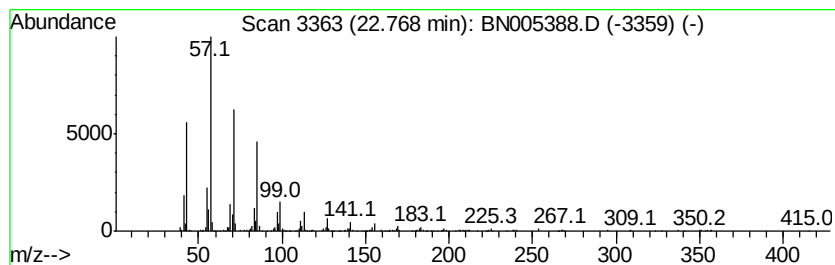
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	3.11 ng/ul	918980	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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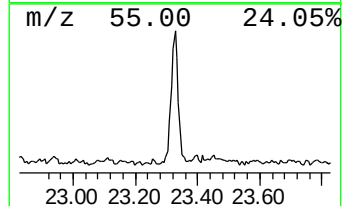
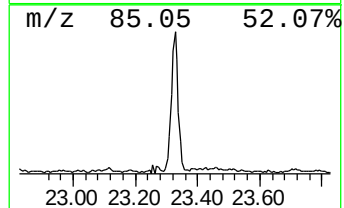
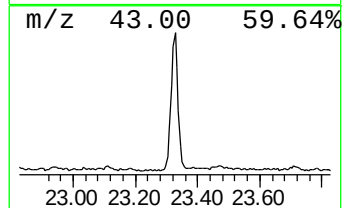
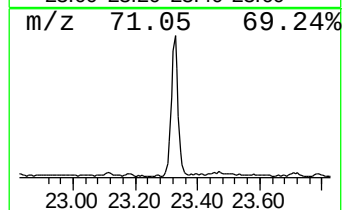
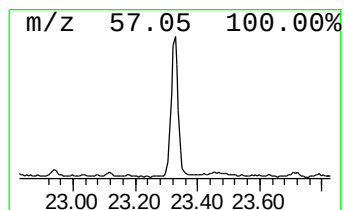
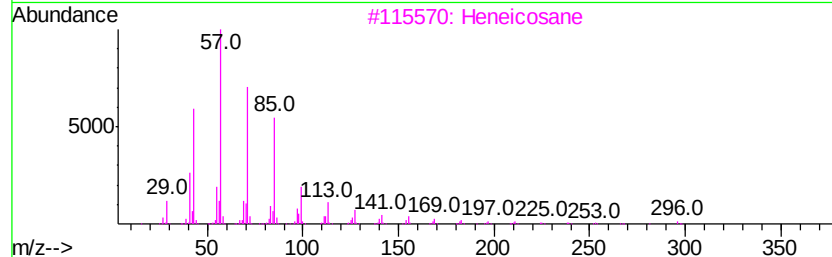
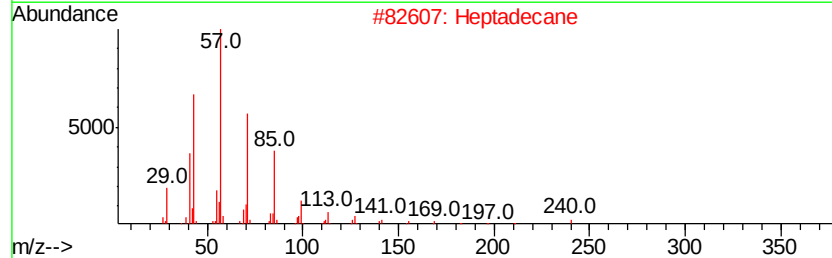
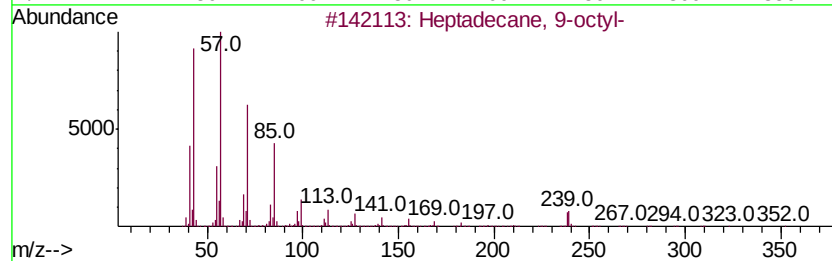
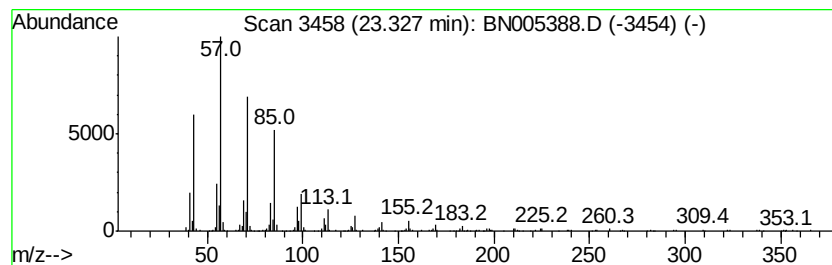
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.47 ng/ul	1027960	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Octacosane	394	C28H58	000630-02-4	87



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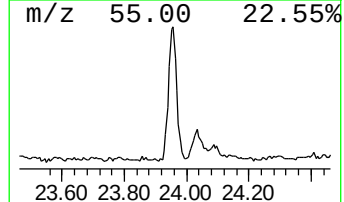
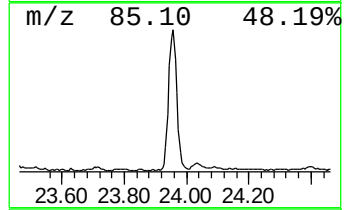
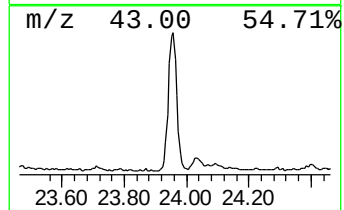
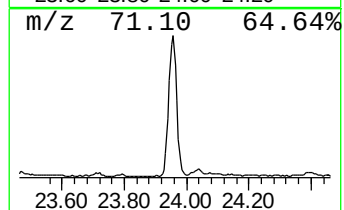
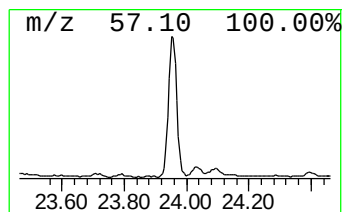
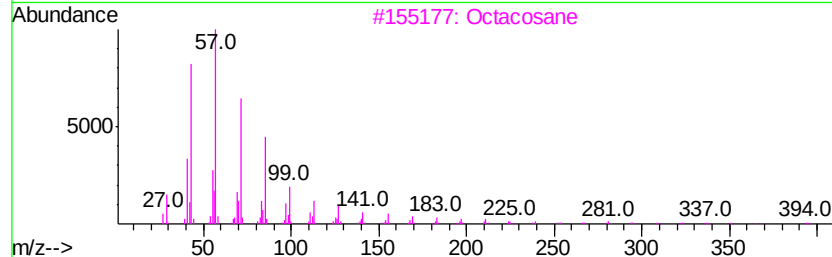
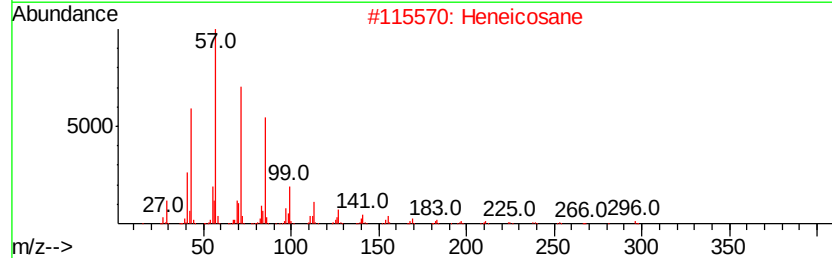
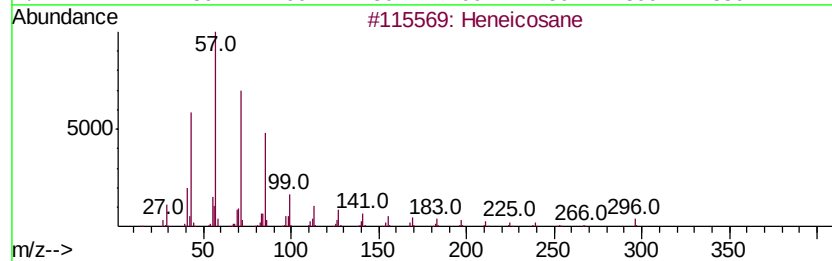
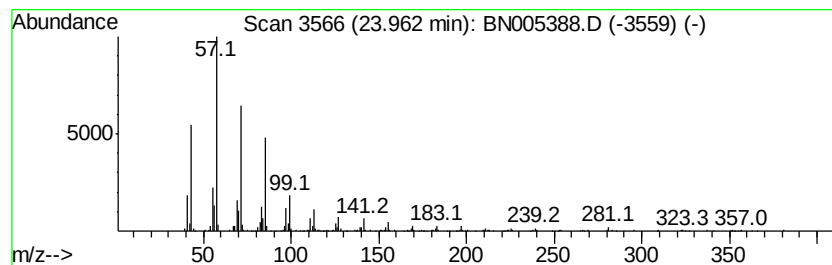
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	4.28 ng/ul	1265760	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005388.D
Acq On : 01 May 2019 00:51
Operator : JU/SJ
Sample : K2596-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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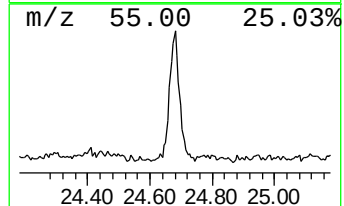
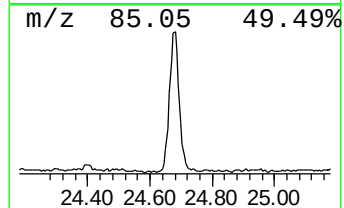
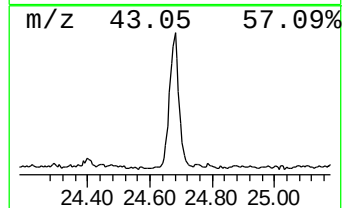
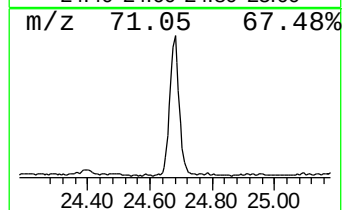
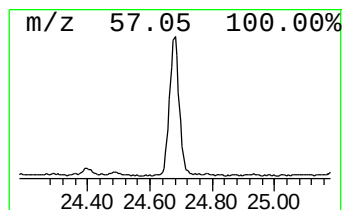
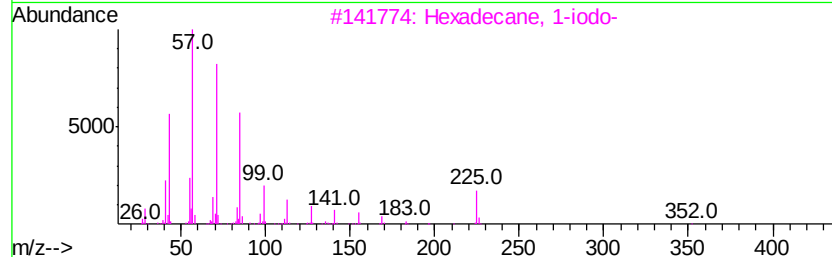
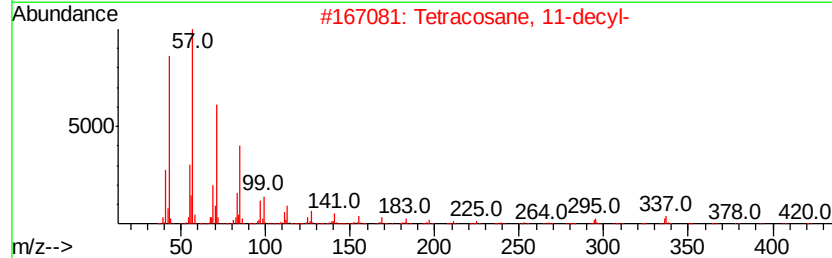
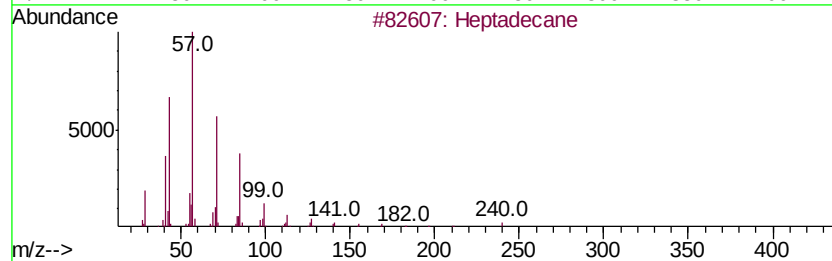
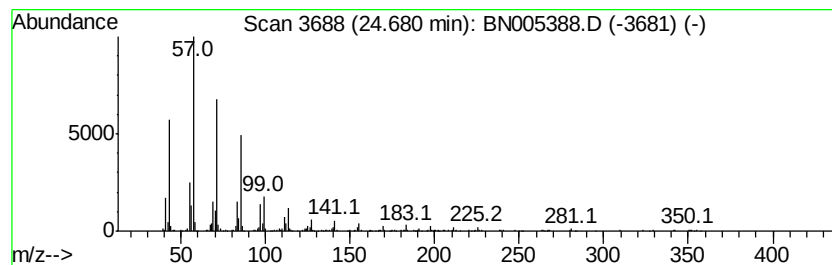
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	3.25 ng/ul	960078	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005388.D
Acq On : 01 May 2019 00:51
Operator : JU/SJ
Sample : K2596-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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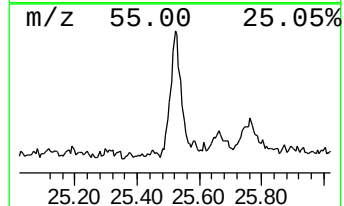
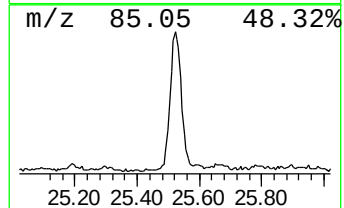
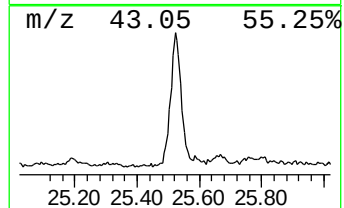
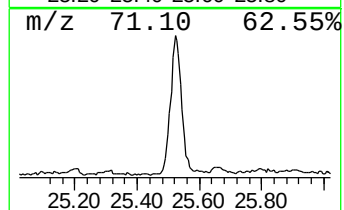
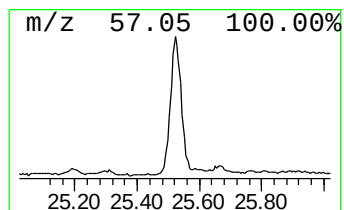
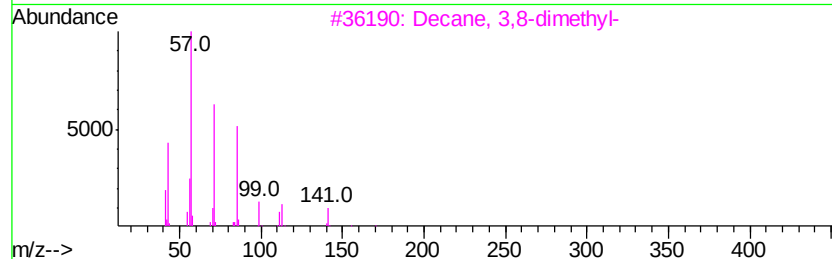
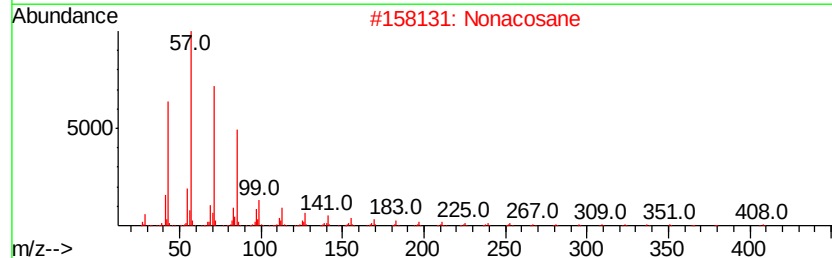
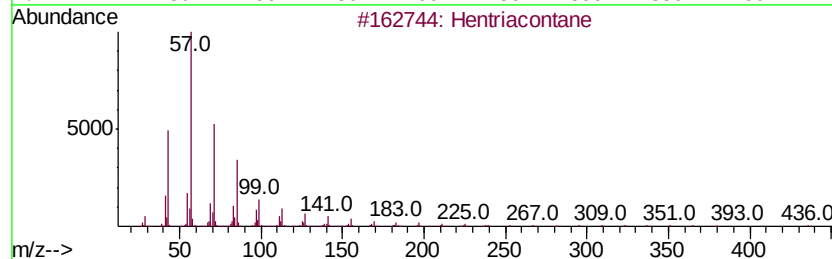
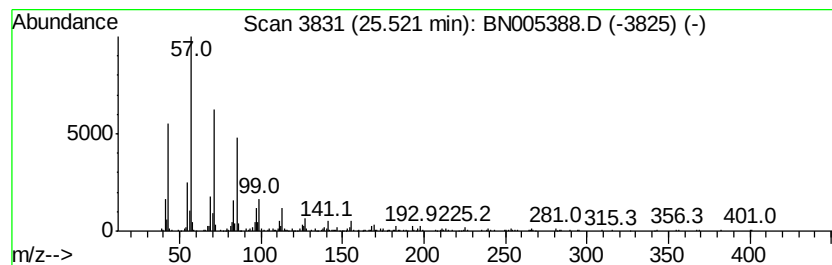
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Quant Title : SVOA CALIBRATION

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.
25.52	2.68 ng/ul	792219	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005388.D
Acq On : 01 May 2019 00:51
Operator : JU/SJ
Sample : K2596-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH66

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	4.8	ng/ul	1224680	4	16.98	5056890	20.0
9-Octadecenoic ac...	19.07	2.7	ng/ul	693304	4	16.98	5056890	20.0
(DEL) Alkane: Str...	22.77	3.1	ng/ul	918980	6	23.40	5916740	20.0
(DEL) Alkane: Str...	23.33	3.5	ng/ul	1027960	6	23.40	5916740	20.0
(DEL) Alkane: Str...	23.96	4.3	ng/ul	1265760	6	23.40	5916740	20.0
(DEL) Alkane: Str...	24.68	3.3	ng/ul	960078	6	23.40	5916740	20.0
(DEL) Alkane: Str...	25.52	2.7	ng/ul	792219	6	23.40	5916740	20.0