

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005832.D
 Acq On : 21 May 2019 19:34
 Operator : JU/SJ
 Sample : K2693-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHF0

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	6.758	636	641	655	rBV	220172	489876	17.66%	2.211%
2	6.911	662	667	677	rVB	192443	324259	11.69%	1.464%
3	7.105	694	700	713	rVB	274759	495638	17.87%	2.237%
4	7.564	773	778	786	rBV	199458	339182	12.23%	1.531%
5	8.275	894	899	911	rBV	296289	583492	21.04%	2.634%
6	8.711	967	973	983	rBV	258332	490988	17.70%	2.216%
7	9.428	1089	1095	1107	rVB2	235181	434093	15.65%	1.960%
8	9.969	1182	1187	1206	rBV	276267	603551	21.76%	2.725%
9	10.322	1241	1247	1256	rVB	297816	496135	17.89%	2.240%
10	10.481	1267	1274	1291	rBV	228064	570992	20.59%	2.578%
11	13.616	1801	1807	1813	rBV	662208	1042222	37.58%	4.705%
12	13.669	1813	1816	1825	rVB	142782	217915	7.86%	0.984%
13	13.893	1847	1854	1867	rVV	807712	1233882	44.49%	5.570%
14	14.081	1882	1886	1889	rBV3	4736	8703	0.31%	0.039%
15	14.198	1901	1906	1916	rBV2	440629	709822	25.60%	3.204%
16	14.475	1948	1953	1975	rBV	109419	349591	12.61%	1.578%
17	14.663	1983	1985	1993	rVB4	3882	5623	0.20%	0.025%
18	14.804	2007	2009	2013	rBV2	2507	3182	0.11%	0.014%
19	15.069	2051	2054	2059	rVB3	4342	6374	0.23%	0.029%
20	15.204	2071	2077	2087	rBV	948089	1535370	55.36%	6.931%
21	15.375	2100	2106	2115	rBV	161912	308116	11.11%	1.391%
22	15.457	2116	2120	2127	rVB3	13132	21280	0.77%	0.096%
23	15.945	2199	2203	2205	rBV2	2869	3003	0.11%	0.014%
24	15.993	2208	2211	2214	rBV4	3415	4235	0.15%	0.019%
25	16.963	2370	2376	2387	rBV2	659577	916620	33.05%	4.138%
26	17.063	2387	2393	2409	rVV	1085525	1701215	61.34%	7.680%
27	17.881	2526	2532	2546	rBV2	78882	165632	5.97%	0.748%
28	18.816	2688	2691	2693	rBV3	3270	3967	0.14%	0.018%
29	19.022	2721	2726	2728	rBV3	11783	17153	0.62%	0.077%
30	19.181	2749	2753	2764	rVV6	26940	58815	2.12%	0.266%
31	19.263	2764	2767	2771	rVV	11362	16656	0.60%	0.075%
32	19.334	2775	2779	2780	rVV4	2119	3206	0.12%	0.014%
33	19.381	2781	2787	2802	rVV	1434736	2169107	78.22%	9.792%
34	19.481	2802	2804	2809	rVB6	2373	3161	0.11%	0.014%

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35	19.916	2875	2878	2879	rBV3	3262	3181	0.11%	0.014%
36	19.945	2880	2883	2886	rVV5	9039	10255	0.37%	0.046%
37	20.410	2961	2962	2964	rBV2	4384	3422	0.12%	0.015%
38	20.445	2965	2968	2973	rVB3	18808	24971	0.90%	0.113%
39	20.486	2973	2975	2977	rBV3	4280	4465	0.16%	0.020%
40	20.922	3044	3049	3060	rBV2	117898	230140	8.30%	1.039%
41	21.210	3093	3098	3112	rBV	809456	1233250	44.47%	5.567%
42	21.369	3121	3125	3129	rBV	44999	52822	1.90%	0.238%
43	21.804	3195	3199	3203	rBV	67810	80794	2.91%	0.365%
44	22.257	3272	3276	3283	rVB	91800	120190	4.33%	0.543%
45	22.380	3294	3297	3302	rVB3	22927	29412	1.06%	0.133%
46	22.751	3355	3360	3366	rBV	111722	166013	5.99%	0.749%
47	23.280	3443	3450	3464	rBV	1411327	2773202	100.00%	12.519%
48	23.422	3467	3474	3484	rVB	655203	1335465	48.16%	6.029%
49	23.922	3554	3559	3566	rBV	128128	225476	8.13%	1.018%
50	24.639	3675	3681	3687	rBV	109303	219747	7.92%	0.992%
51	25.468	3817	3822	3831	rVB4	69272	164429	5.93%	0.742%
52	26.445	3984	3988	3998	rVB3	57944	142119	5.12%	0.642%

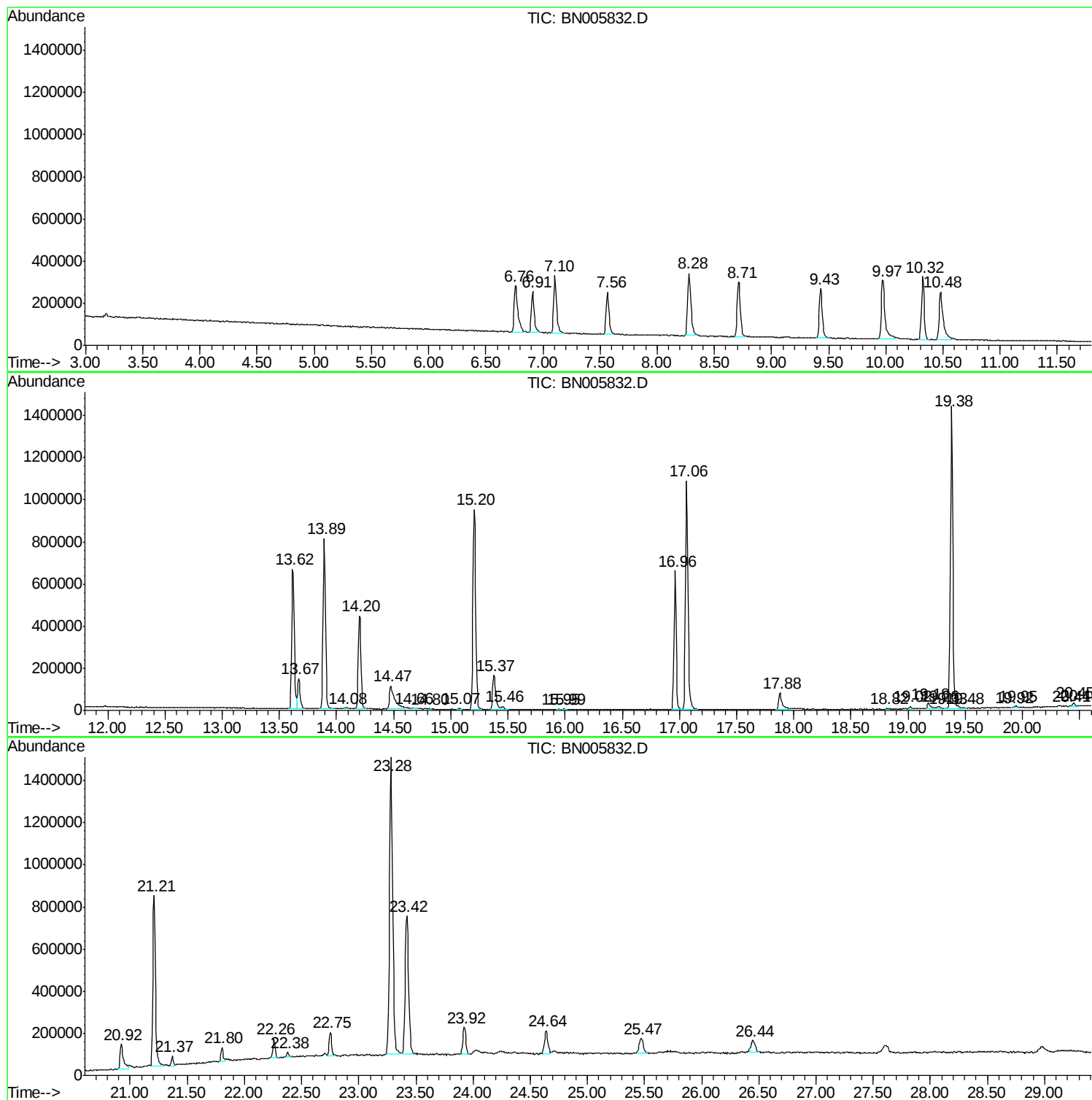
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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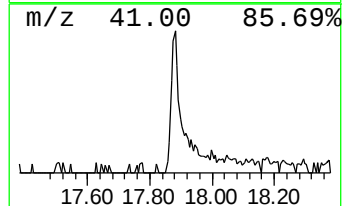
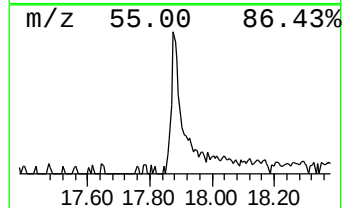
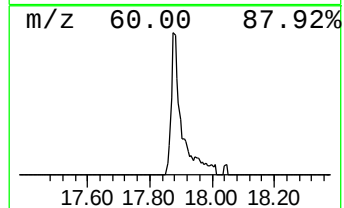
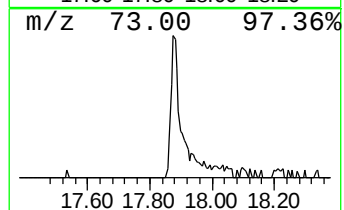
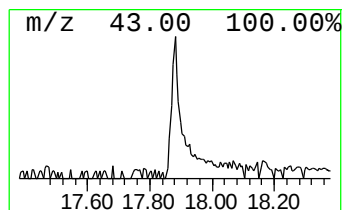
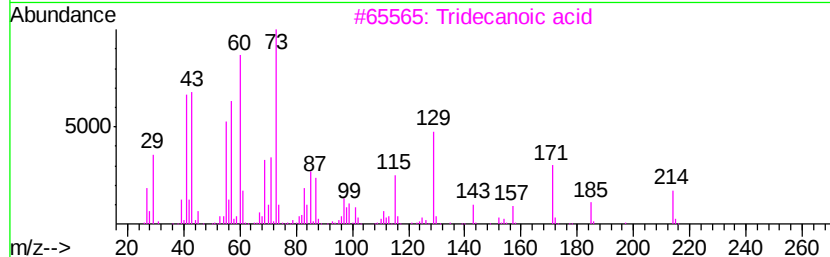
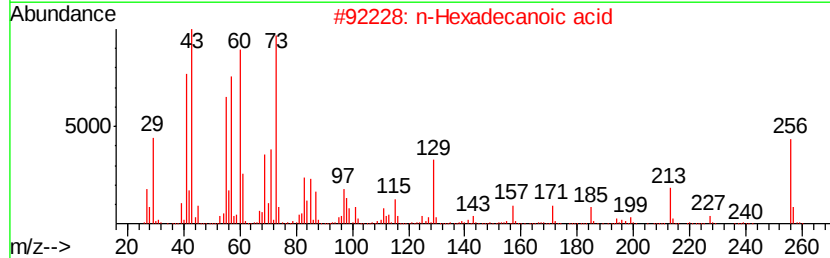
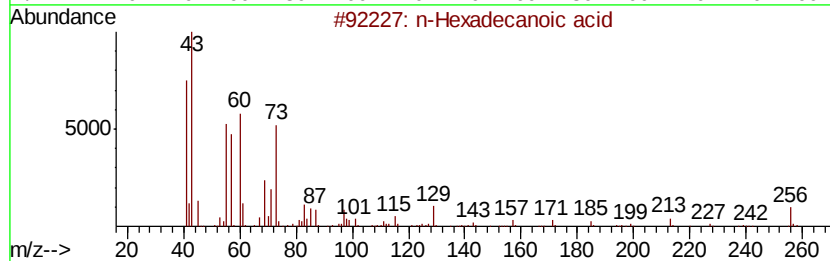
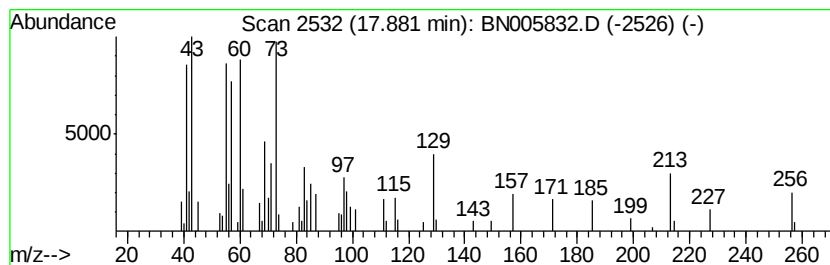
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	3.61 ng/ul	165632	Phenanthrene-d10		16.96	
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	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58	



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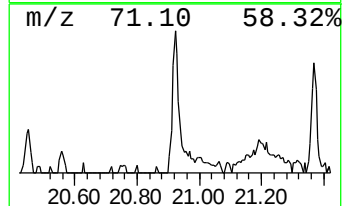
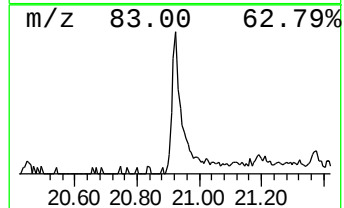
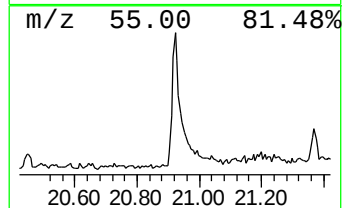
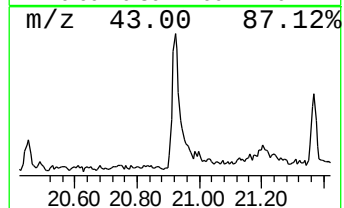
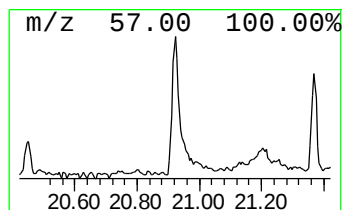
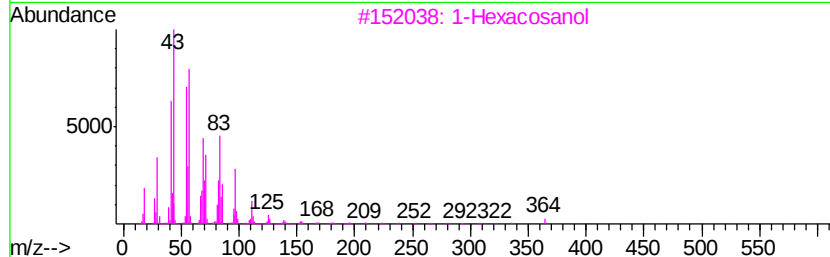
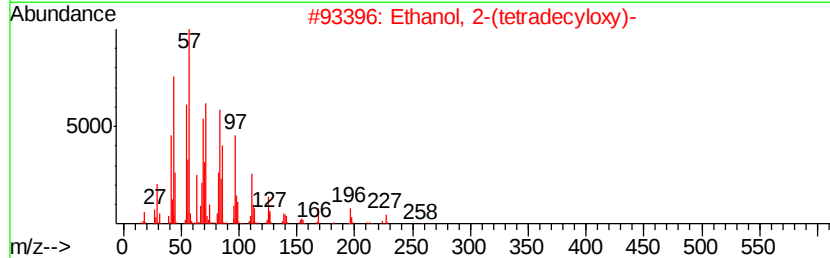
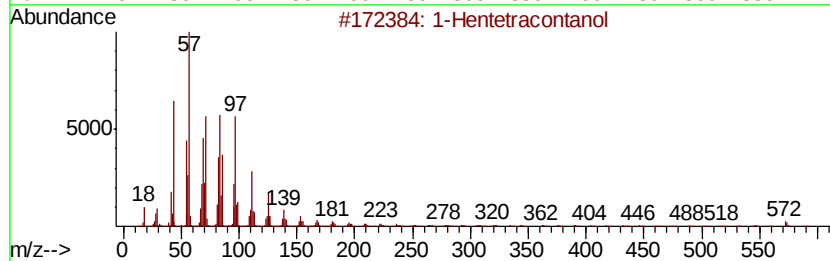
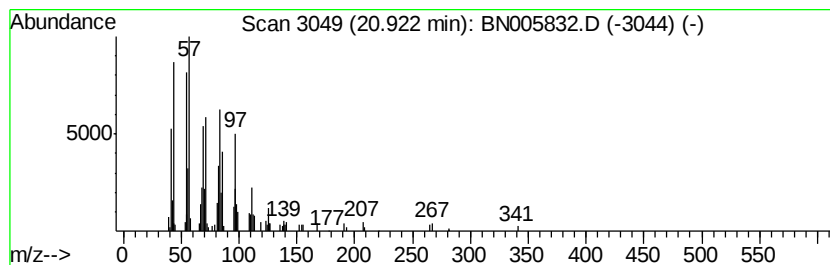
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hentetracontanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.73 ng/ul	230140	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hentetracontanol	593	C41H84O	040710-42-7	90
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		1-Hexacosanol	382	C26H54O	000506-52-5	87
4		17-Pentatriacontene	491	C35H70	006971-40-0	87
5		17-Pentatriacontene	491	C35H70	006971-40-0	74



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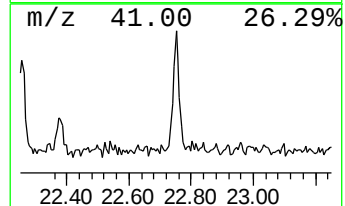
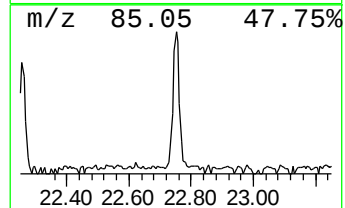
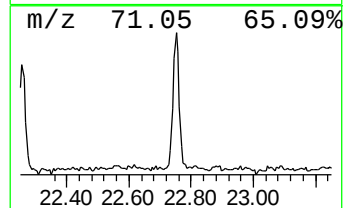
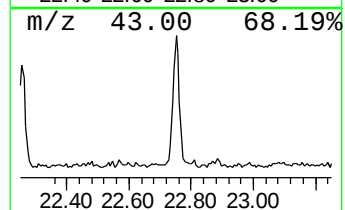
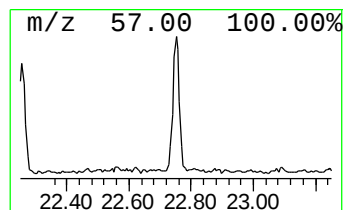
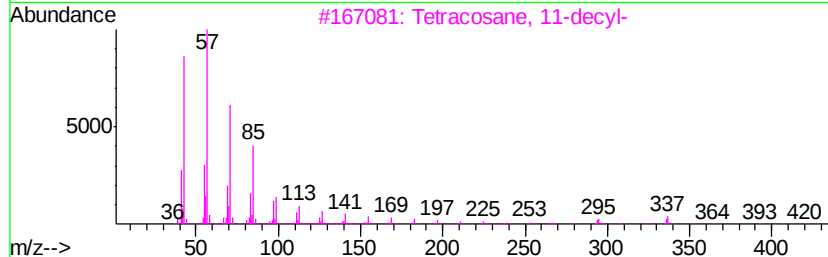
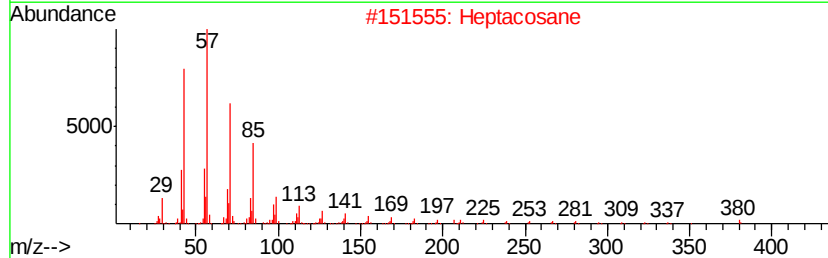
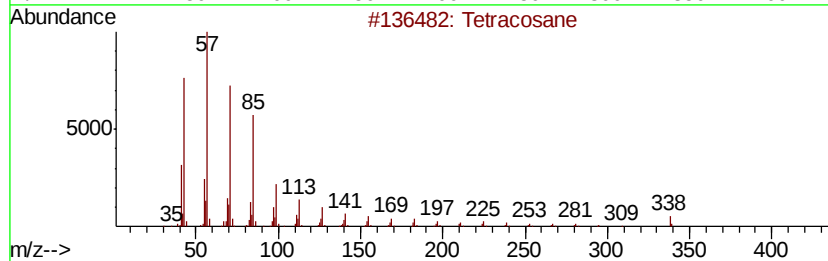
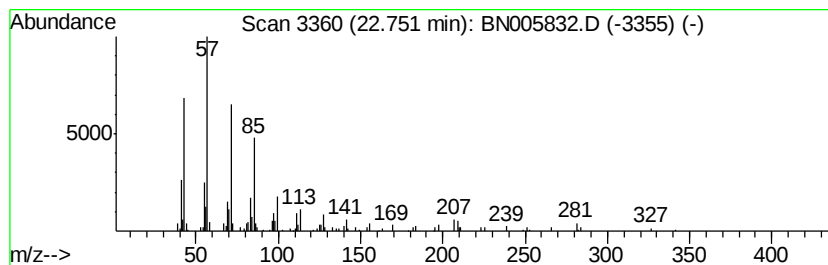
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.49 ng/ul	166013	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Octacosane	394	C28H58	000630-02-4	90



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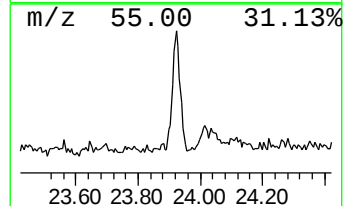
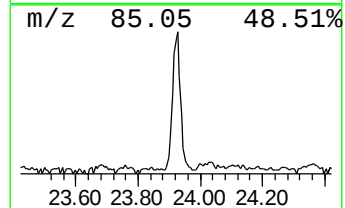
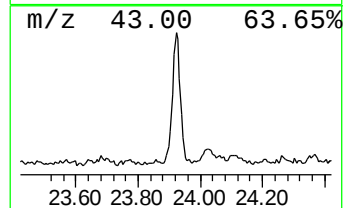
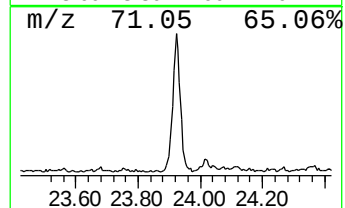
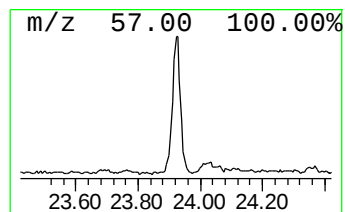
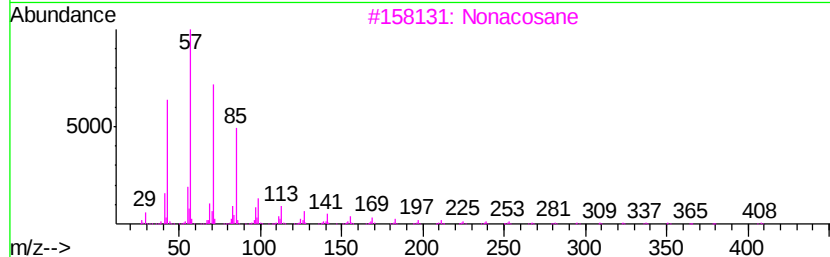
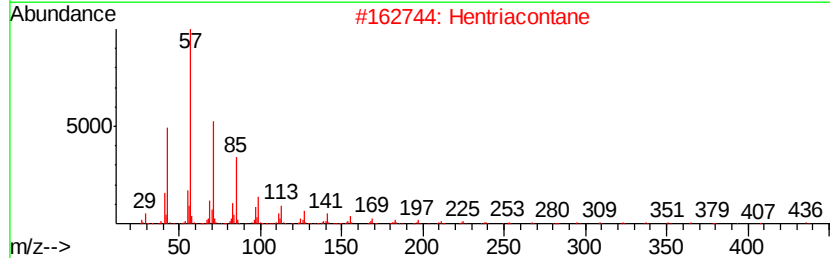
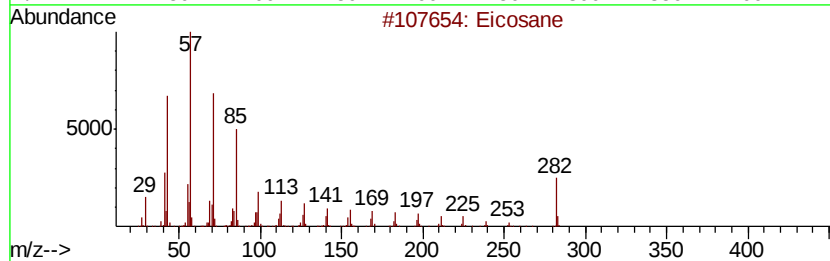
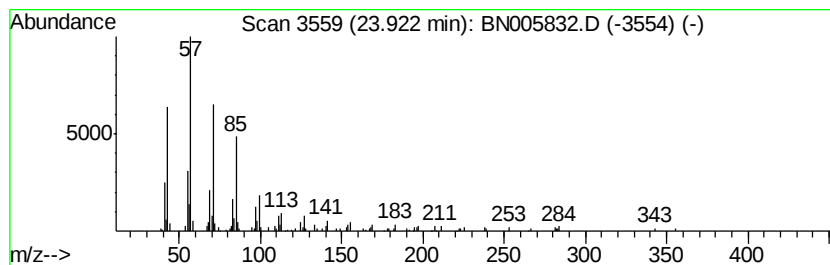
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.38 ng/ul	225476	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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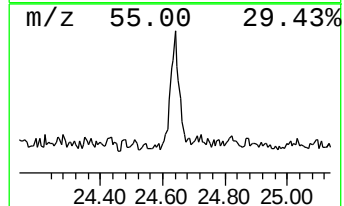
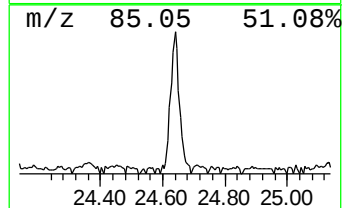
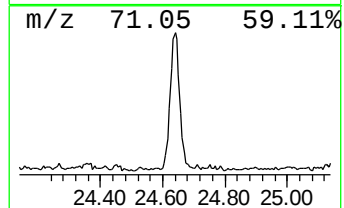
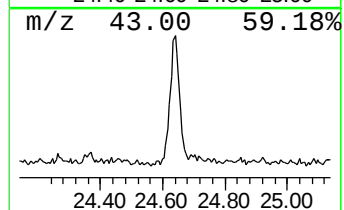
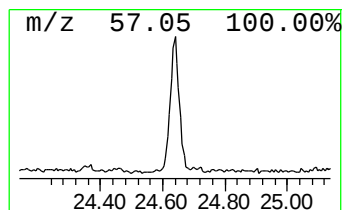
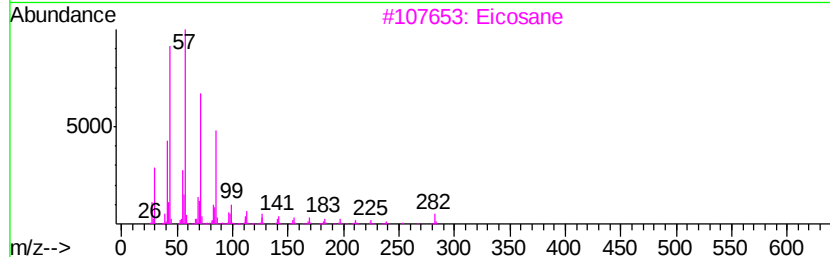
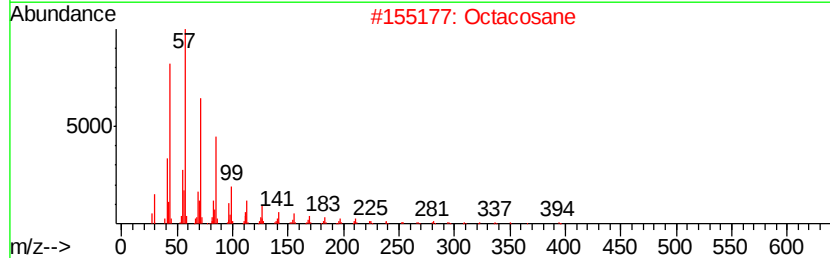
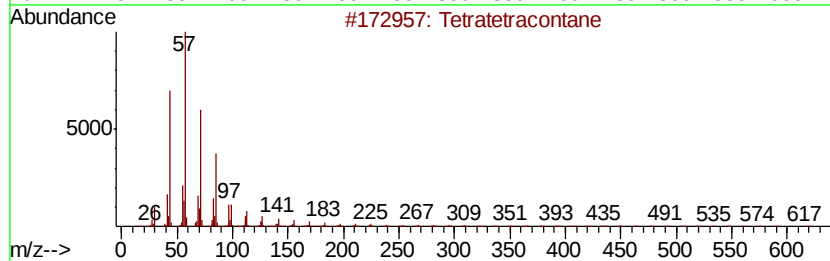
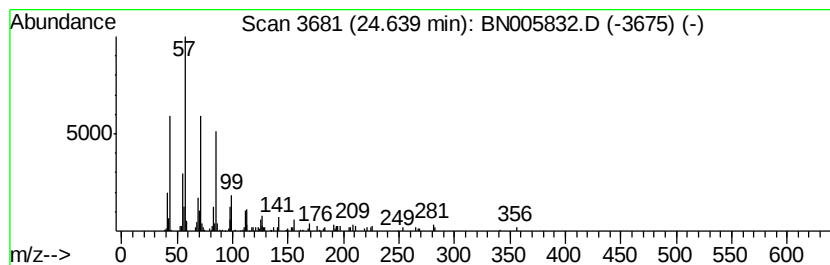
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	3.29 ng/ul	219747	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Eicosane	282	C20H42	000112-95-8	89
4		triacontane	422	C30H62	000638-68-6	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005832.D
Acq On : 21 May 2019 19:34
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHF0

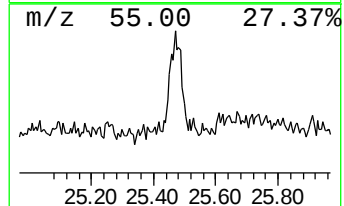
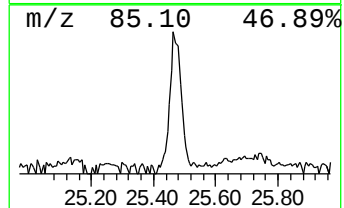
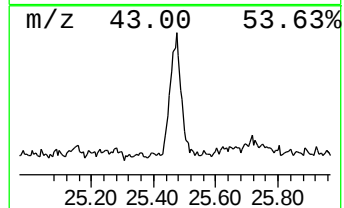
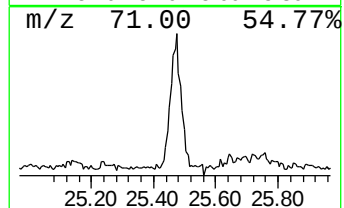
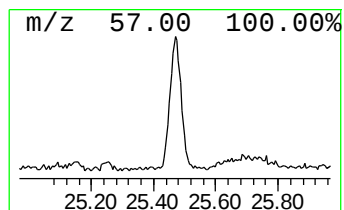
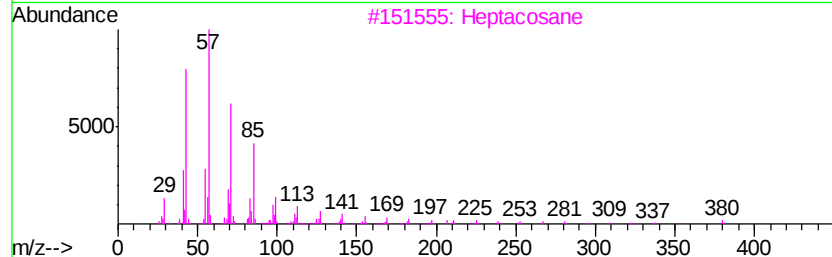
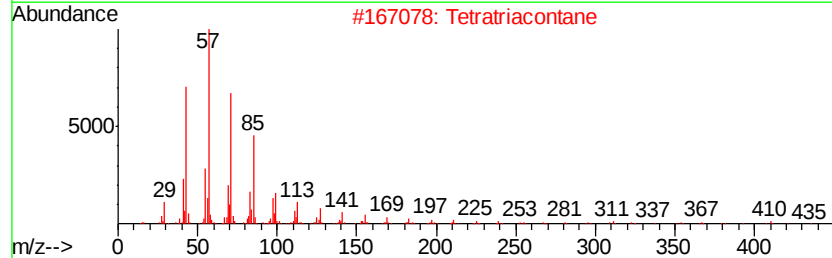
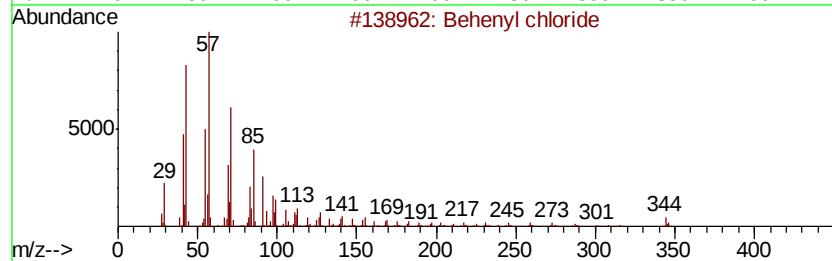
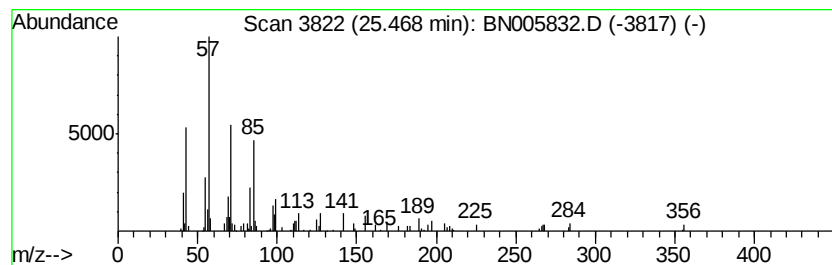
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Behenyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	2.46 ng/ul	164429	Perylene-d12	23.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenyl chloride	344	C22H45Cl	042217-03-8	86
2		Tetratriacontane	479	C34H70	014167-59-0	83
3		Heptacosane	380	C27H56	000593-49-7	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Nonadecane	268	C19H40	000629-92-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005832.D
Acq On : 21 May 2019 19:34
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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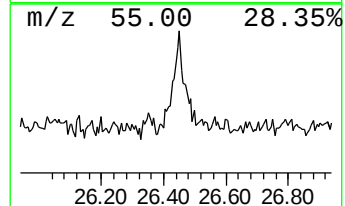
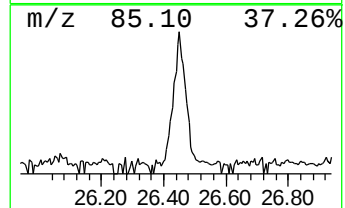
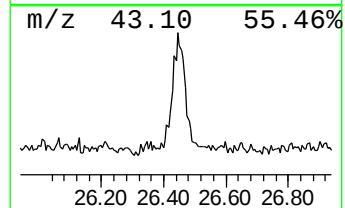
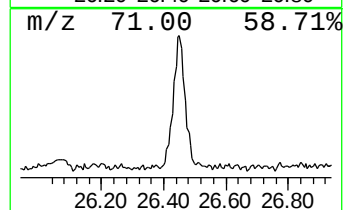
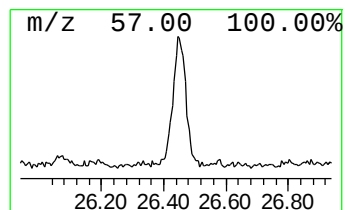
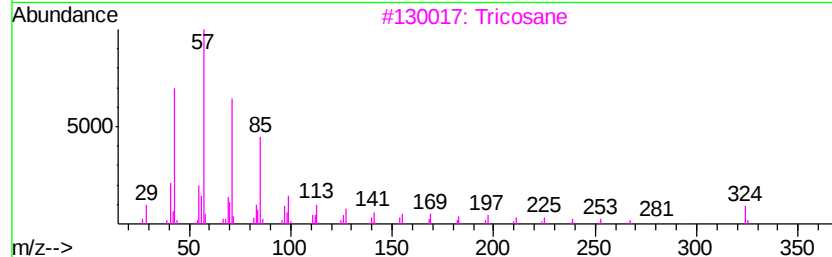
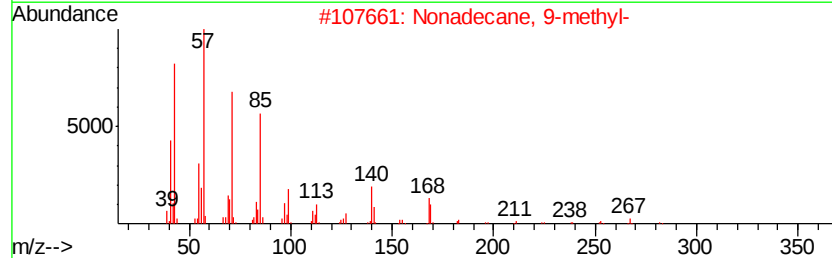
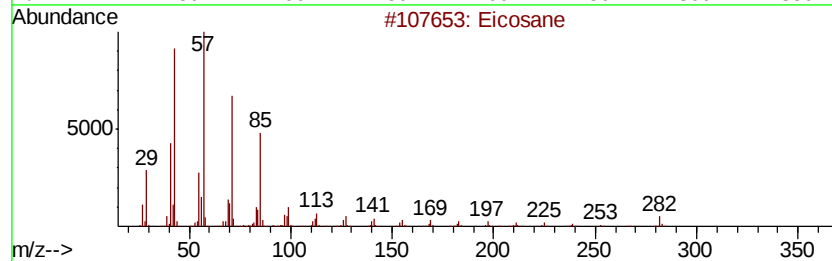
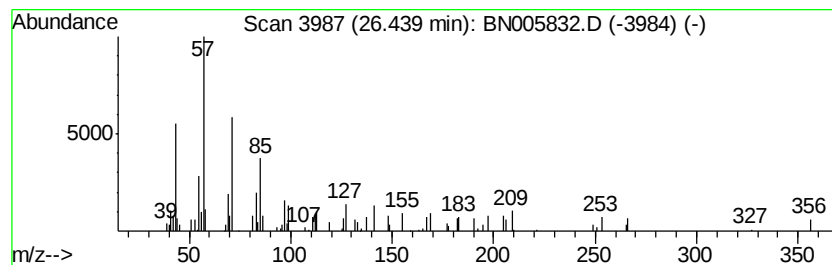
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Quant Title : SVOA CALIBRATION

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.
26.44	2.13 ng/ul	142119	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3		Tricosane	324	C23H48	000638-67-5	64
4		Eicosane	282	C20H42	000112-95-8	62
5		Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052119\
Data File : BN005832.D
Acq On : 21 May 2019 19:34
Operator : JU/SJ
Sample : K2693-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHF0

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
n-Hexadecanoic acid	17.88	3.6	ng/ul	165632	4	16.96	916620	20.0
1-Hentetracontanol	20.92	3.7	ng/ul	230140	5	21.21	1233250	20.0
(DEL) Alkane: Str...	22.75	2.5	ng/ul	166013	6	23.42	1335470	20.0
(DEL) Alkane: Str...	23.92	3.4	ng/ul	225476	6	23.42	1335470	20.0
(DEL) Alkane: Str...	24.64	3.3	ng/ul	219747	6	23.42	1335470	20.0
Behenyl chloride	25.47	2.5	ng/ul	164429	6	23.42	1335470	20.0
(DEL) Alkane: Str...	26.44	2.1	ng/ul	142119	6	23.42	1335470	20.0