

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005830.D
 Acq On : 21 May 2019 18:24
 Operator : JU/SJ
 Sample : K2693-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE7

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	6.769	638	643	658	rVB2	89134	233214	15.22%	1.549%
2	6.911	663	667	680	rVB	88620	151093	9.86%	1.004%
3	7.105	696	700	712	rVB2	116466	216210	14.11%	1.436%
4	7.564	772	778	790	rBV	204078	382928	24.99%	2.543%
5	8.293	898	902	912	rBV3	58188	121921	7.96%	0.810%
6	8.722	969	975	986	rVB	119613	219571	14.33%	1.458%
7	9.440	1091	1097	1110	rVB2	92434	191519	12.50%	1.272%
8	9.993	1185	1191	1217	rBV2	87187	280251	18.29%	1.861%
9	10.328	1241	1248	1258	rVB	302576	535914	34.97%	3.559%
10	10.505	1272	1278	1292	rBV3	40733	126067	8.23%	0.837%
11	11.893	1509	1514	1523	rVB4	13781	29369	1.92%	0.195%
12	13.434	1775	1776	1779	rBV3	1690	1605	0.10%	0.011%
13	13.534	1791	1793	1797	rBV	1309	2191	0.14%	0.015%
14	13.622	1802	1808	1813	rBV	324683	496449	32.40%	3.297%
15	13.675	1813	1817	1824	rVB	63747	112626	7.35%	0.748%
16	13.893	1848	1854	1863	rBV	386426	574889	37.52%	3.818%
17	14.093	1881	1888	1892	rBV4	4767	12541	0.82%	0.083%
18	14.204	1901	1907	1918	rVB2	504220	777648	50.75%	5.165%
19	14.498	1951	1957	1974	rBV6	37243	130101	8.49%	0.864%
20	14.663	1982	1985	1986	rBV3	2297	1980	0.13%	0.013%
21	14.981	2034	2039	2043	rBV3	5172	7954	0.52%	0.053%
22	15.016	2043	2045	2047	rVV3	1687	1626	0.11%	0.011%
23	15.075	2051	2055	2057	rBV4	3600	4438	0.29%	0.029%
24	15.210	2072	2078	2089	rBV	457718	751390	49.04%	4.990%
25	15.281	2089	2090	2099	rVB2	2732	3775	0.25%	0.025%
26	15.393	2103	2109	2118	rVV3	43561	85000	5.55%	0.565%
27	15.457	2118	2120	2124	rVV3	5672	7253	0.47%	0.048%
28	15.763	2169	2172	2176	rBV	1187	2073	0.14%	0.014%
29	15.940	2198	2202	2205	rBV2	3249	4060	0.26%	0.027%
30	16.004	2211	2213	2215	rVB2	1600	1561	0.10%	0.010%
31	16.116	2228	2232	2234	rVB	1845	2181	0.14%	0.014%
32	16.351	2269	2272	2275	rVB3	1412	1579	0.10%	0.010%
33	16.740	2335	2338	2343	rBV2	2863	5750	0.38%	0.038%
34	16.898	2356	2365	2368	rVB3	2470	5399	0.35%	0.036%

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35	16.963	2370	2376	2387	rBV2	732523	1031838	67.34%	6.853%
36	17.063	2387	2393	2408	rVV2	471199	785043	51.23%	5.214%
37	17.257	2424	2426	2428	rBV3	2160	2238	0.15%	0.015%
38	17.457	2456	2460	2461	rBV2	1451	1966	0.13%	0.013%
39	17.475	2461	2463	2466	rVB2	1807	2040	0.13%	0.014%
40	17.510	2466	2469	2471	rBV3	1465	1541	0.10%	0.010%
41	17.645	2490	2492	2497	rVB4	2310	2916	0.19%	0.019%
42	17.845	2522	2526	2527	rBV3	2009	1613	0.11%	0.011%
43	17.875	2527	2531	2540	rBV4	54849	109322	7.13%	0.726%
44	17.945	2542	2543	2546	rVV	8436	8544	0.56%	0.057%
45	17.969	2546	2547	2549	rVV2	4019	2870	0.19%	0.019%
46	17.987	2549	2550	2554	rVV4	2304	3224	0.21%	0.021%
47	18.022	2554	2556	2557	rVV2	3059	1706	0.11%	0.011%
48	18.063	2561	2563	2567	rVB3	1655	1922	0.13%	0.013%
49	18.175	2577	2582	2583	rBV3	2122	3556	0.23%	0.024%
50	18.263	2589	2597	2604	rBV8	4950	12967	0.85%	0.086%
51	18.369	2614	2615	2618	rBV3	1617	1824	0.12%	0.012%
52	18.422	2621	2624	2630	rVB6	3662	5904	0.39%	0.039%
53	18.475	2630	2633	2636	rBV3	1800	2339	0.15%	0.016%
54	18.622	2656	2658	2660	rVB3	2475	1997	0.13%	0.013%
55	18.657	2663	2664	2666	rBV2	1933	1620	0.11%	0.011%
56	18.698	2666	2671	2674	rBV4	1839	3352	0.22%	0.022%
57	18.869	2699	2700	2702	rBV	2114	1775	0.12%	0.012%
58	18.939	2708	2712	2716	rBV3	2204	2959	0.19%	0.020%
59	19.028	2722	2727	2729	rBV3	7830	12602	0.82%	0.084%
60	19.051	2729	2731	2735	rVB5	5158	6543	0.43%	0.043%
61	19.092	2735	2738	2741	rBV3	2549	3692	0.24%	0.025%
62	19.181	2747	2753	2758	rBV7	26414	53300	3.48%	0.354%
63	19.269	2764	2768	2774	rVB2	5626	10489	0.68%	0.070%
64	19.381	2781	2787	2795	rBV	704608	1057054	68.98%	7.021%
65	19.534	2812	2813	2815	rVB2	3706	2363	0.15%	0.016%
66	19.616	2825	2827	2829	rVB3	6333	4355	0.28%	0.029%
67	19.645	2830	2832	2834	rVB2	5454	3487	0.23%	0.023%
68	19.704	2841	2842	2843	rVB	4393	1549	0.10%	0.010%
69	19.733	2845	2847	2849	rVV3	3349	2495	0.16%	0.017%
70	19.763	2849	2852	2855	rVV4	15387	16401	1.07%	0.109%
71	19.804	2857	2859	2863	rVB5	7383	7610	0.50%	0.051%

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72	19.904	2872	2876	2879	rBV2	46769	53770	3.51%	0.357%
73	19.939	2881	2882	2887	rVB5	8060	6833	0.45%	0.045%
74	20.028	2895	2897	2901	rBV5	2728	2817	0.18%	0.019%
75	20.110	2908	2911	2913	rBV4	7278	6207	0.41%	0.041%
76	20.186	2920	2924	2929	rBV2	52899	59485	3.88%	0.395%
77	20.239	2929	2933	2936	rBV5	14467	16381	1.07%	0.109%
78	20.345	2948	2951	2954	rVB5	24211	24524	1.60%	0.163%
79	20.445	2964	2968	2972	rBV6	16960	27523	1.80%	0.183%
80	20.504	2972	2978	2983	rVV5	42372	81178	5.30%	0.539%
81	20.657	3001	3004	3008	rVB3	42877	44423	2.90%	0.295%
82	20.716	3012	3014	3017	rBV4	14565	14282	0.93%	0.095%
83	20.822	3030	3032	3034	rBV2	8136	5933	0.39%	0.039%
84	20.922	3044	3049	3057	rBV3	104167	195670	12.77%	1.300%
85	20.986	3057	3060	3065	rVB7	22414	31457	2.05%	0.209%
86	21.116	3079	3082	3088	rBV	124028	138984	9.07%	0.923%
87	21.198	3091	3096	3108	rVV	896675	1504004	98.15%	9.989%
88	21.357	3120	3123	3127	rBV2	44713	51753	3.38%	0.344%
89	21.533	3149	3153	3159	rBV7	40025	56333	3.68%	0.374%
90	21.586	3159	3162	3166	rVV5	23520	24567	1.60%	0.163%
91	21.651	3171	3173	3178	rBV6	19343	33910	2.21%	0.225%
92	21.786	3193	3196	3200	rBV	64926	77399	5.05%	0.514%
93	22.239	3270	3273	3278	rVB	107441	128823	8.41%	0.856%
94	22.363	3291	3294	3300	rVB	32778	47013	3.07%	0.312%
95	22.733	3353	3357	3364	rVB3	132545	189372	12.36%	1.258%
96	23.263	3441	3447	3457	rBV2	675380	1414956	92.34%	9.398%
97	23.404	3464	3471	3483	rVB2	717684	1532329	100.00%	10.177%
98	23.904	3551	3556	3564	rVB	140393	256495	16.74%	1.704%
99	24.610	3671	3676	3684	rBV2	94236	212575	13.87%	1.412%
100	25.451	3814	3819	3828	rVB3	74880	158410	10.34%	1.052%

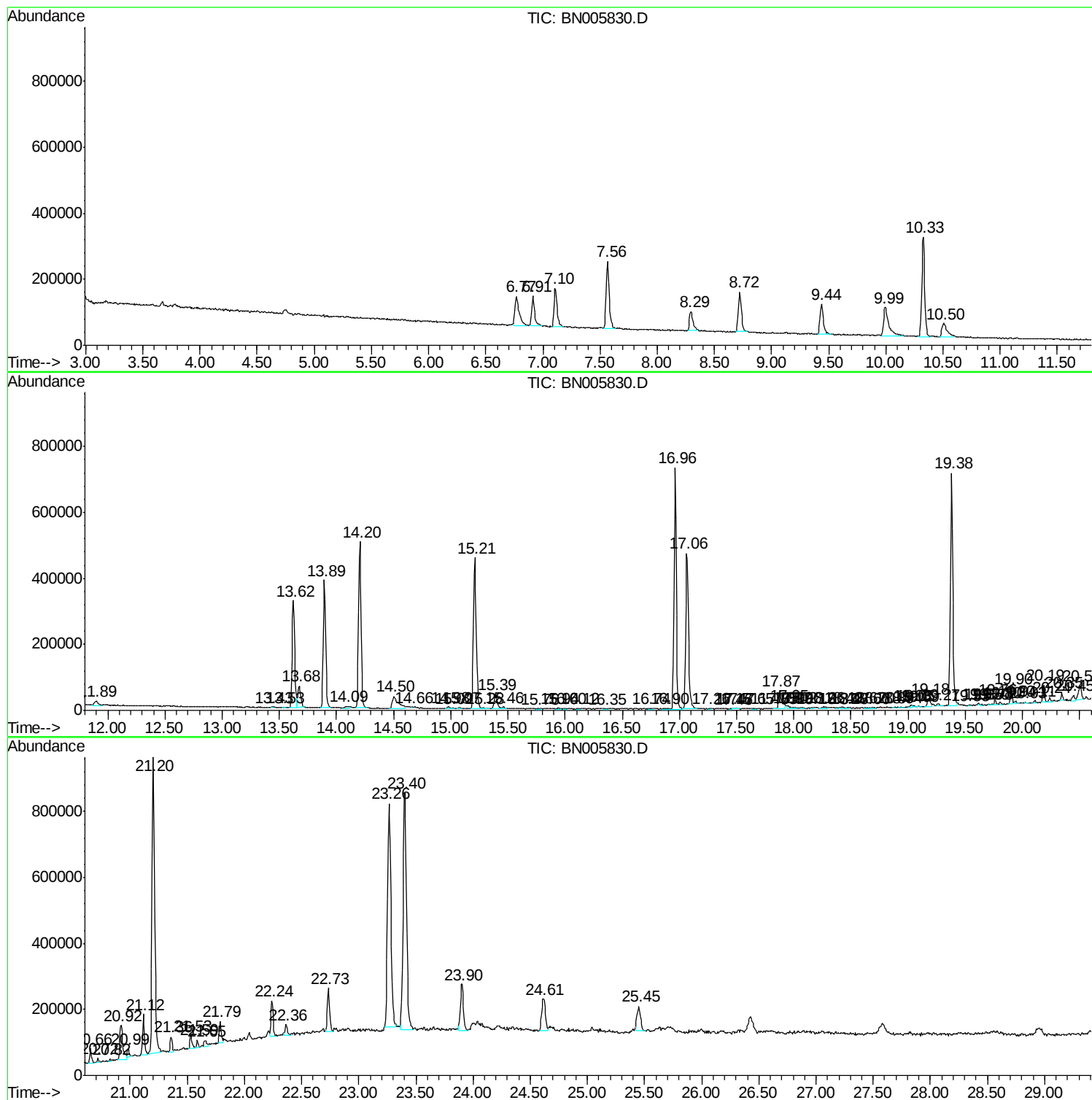
Sum of corrected areas: 15056548

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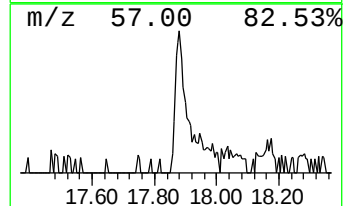
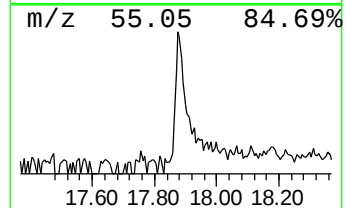
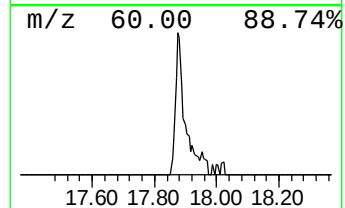
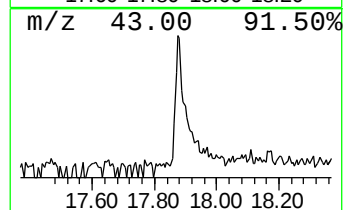
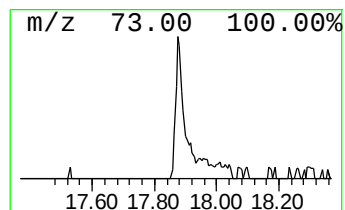
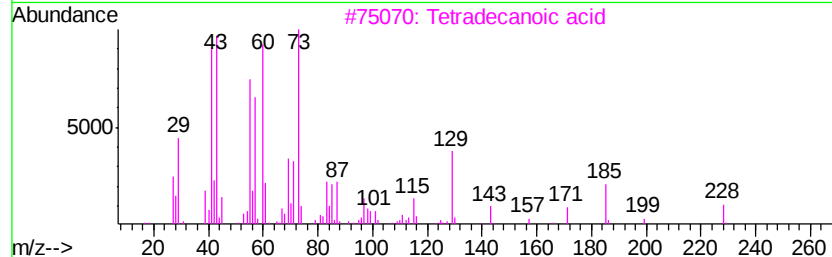
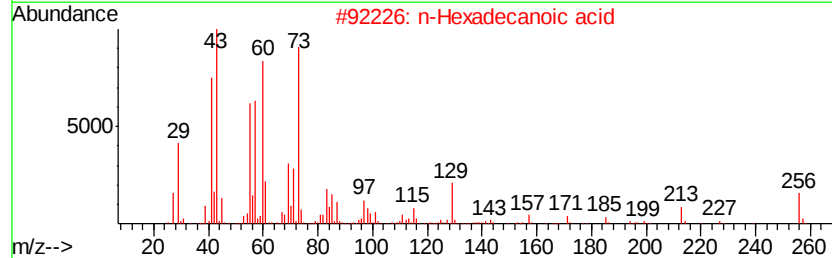
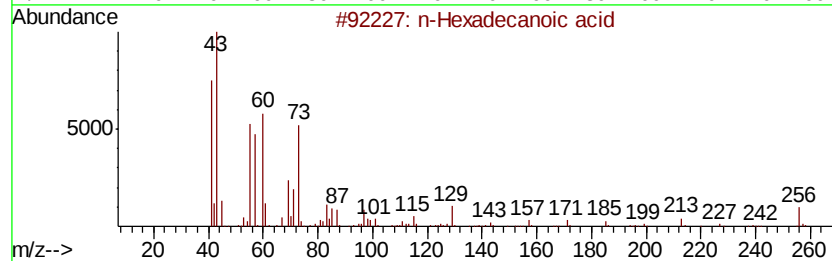
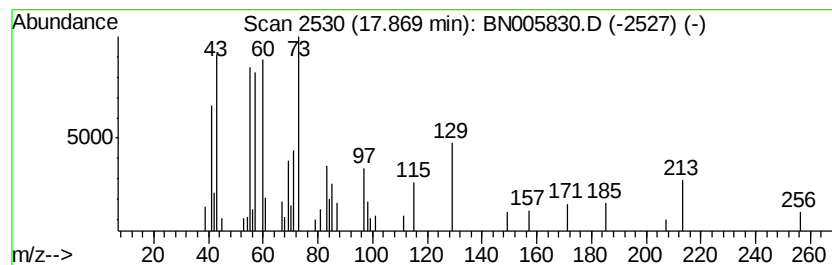
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	2.12 ng/ul	109322	Phenanthrene-d10		16.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59



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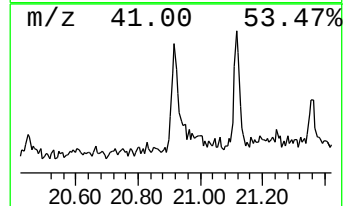
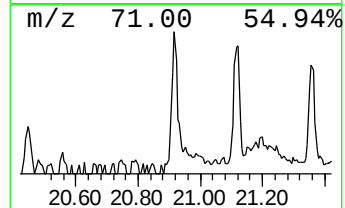
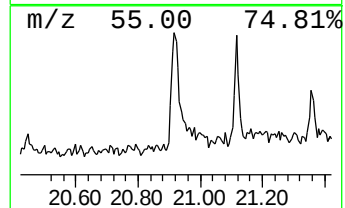
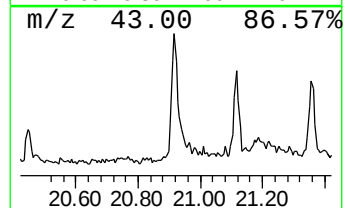
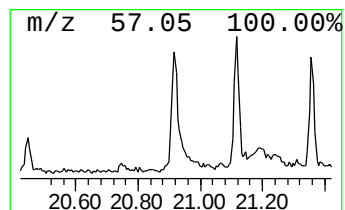
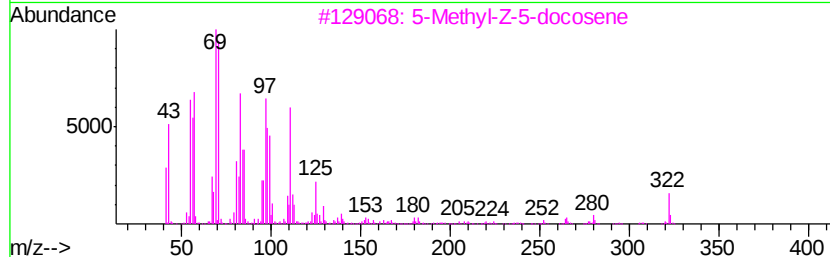
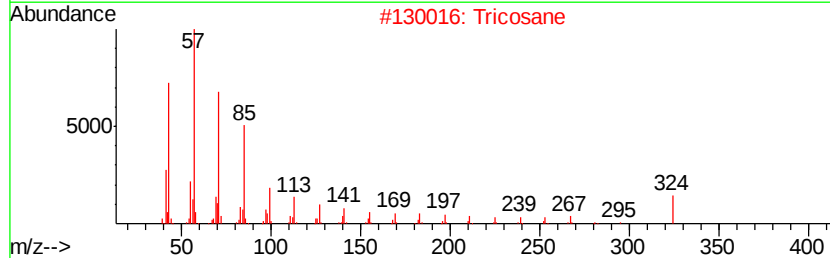
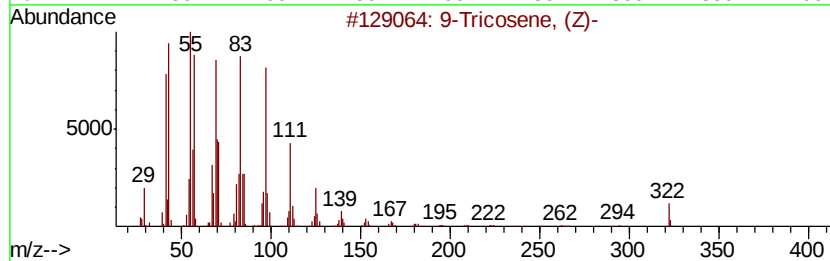
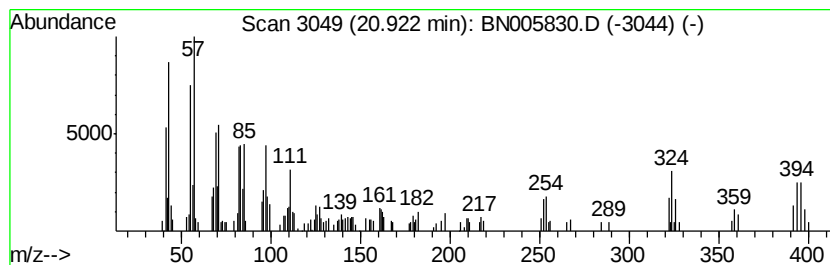
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.60 ng/ul	195670	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	35
2		Tricosane	324	C23H48	000638-67-5	35
3		5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	35
4		Tricosane	324	C23H48	000638-67-5	20
5		Octacosanol	410	C28H58O	000557-61-9	20



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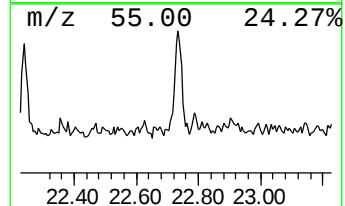
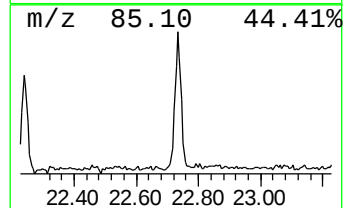
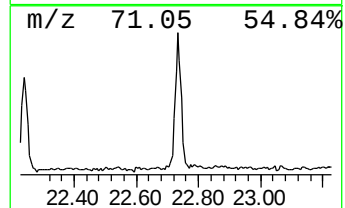
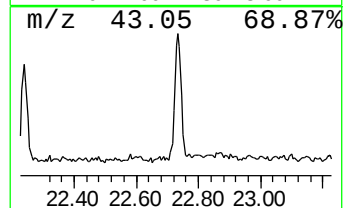
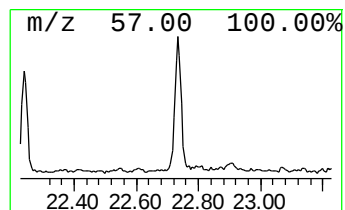
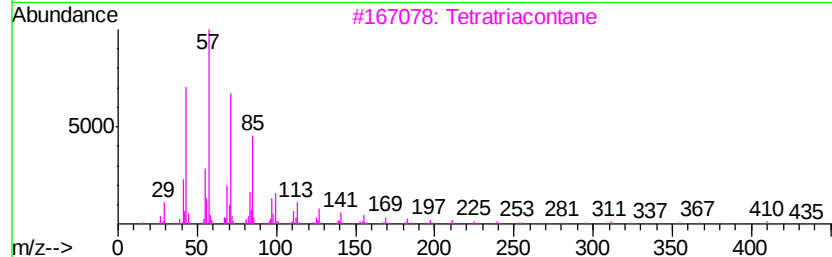
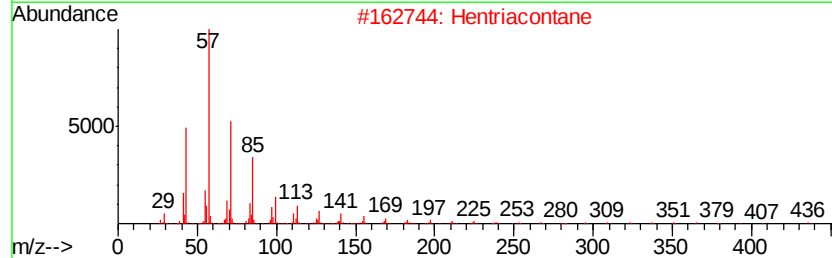
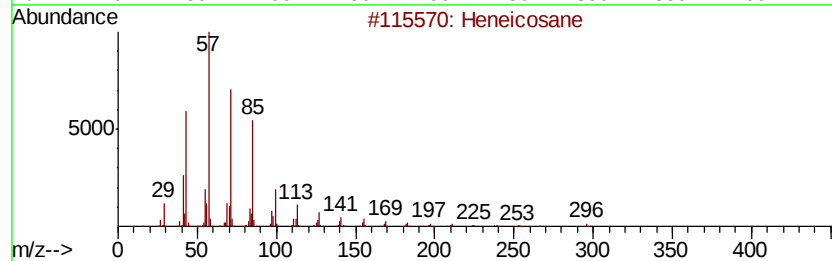
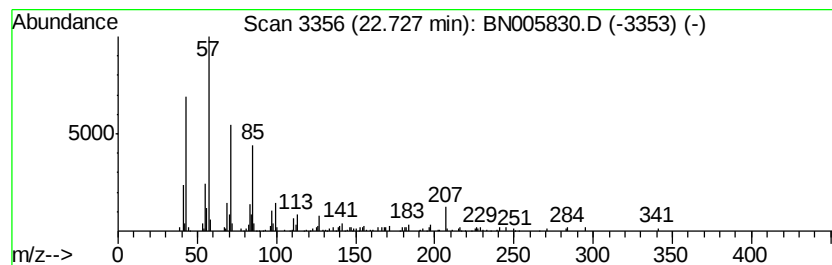
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.47 ng/ul	189372	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005830.D
Acq On : 21 May 2019 18:24
Operator : JU/SJ
Sample : K2693-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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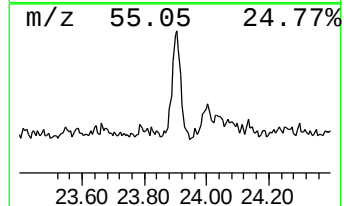
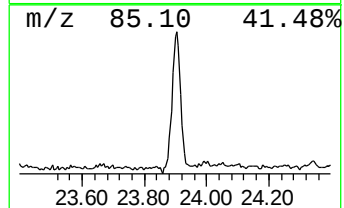
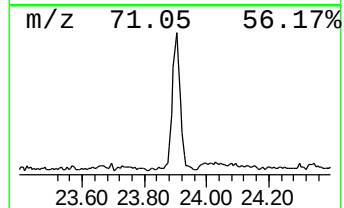
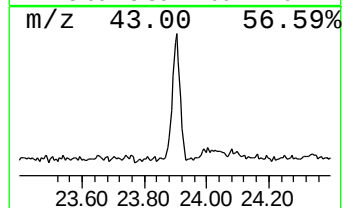
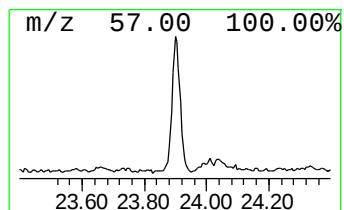
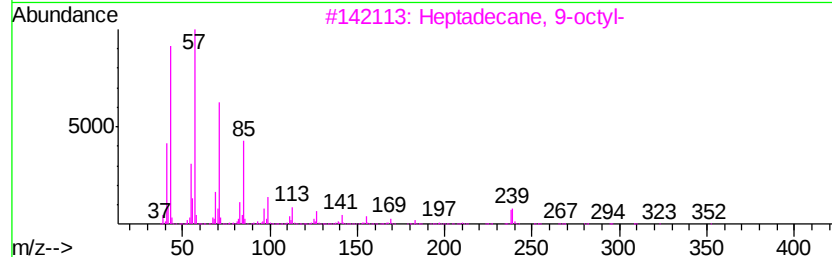
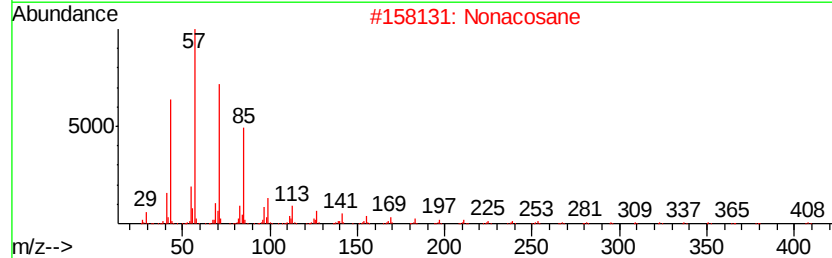
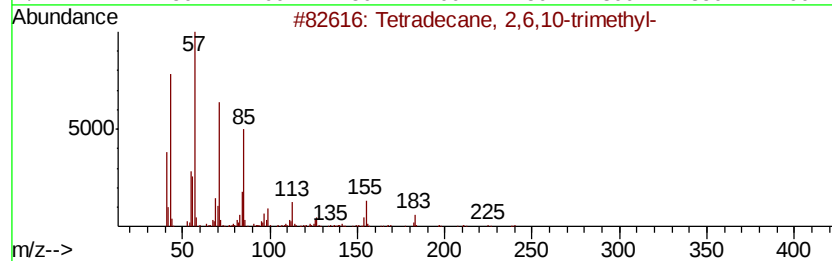
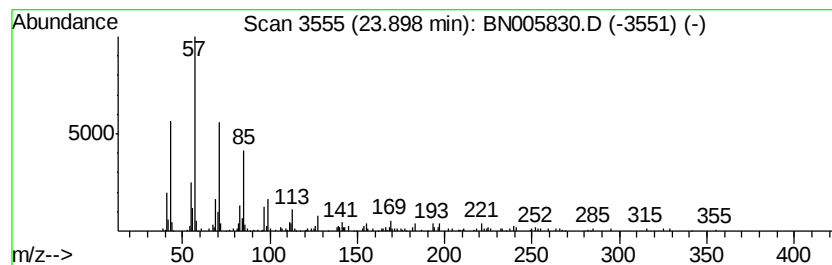
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.35 ng/ul	256495	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Nonacosane	408	C29H60	000630-03-5	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005830.D
Acq On : 21 May 2019 18:24
Operator : JU/SJ
Sample : K2693-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE7

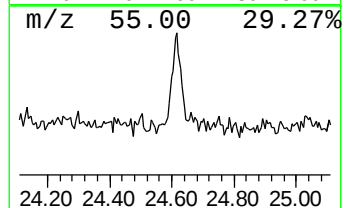
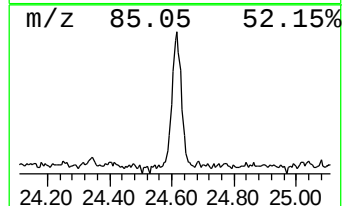
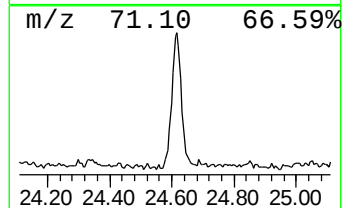
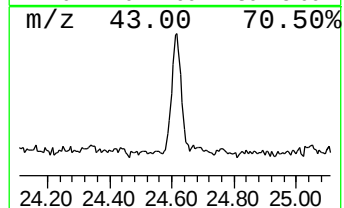
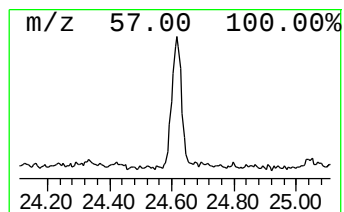
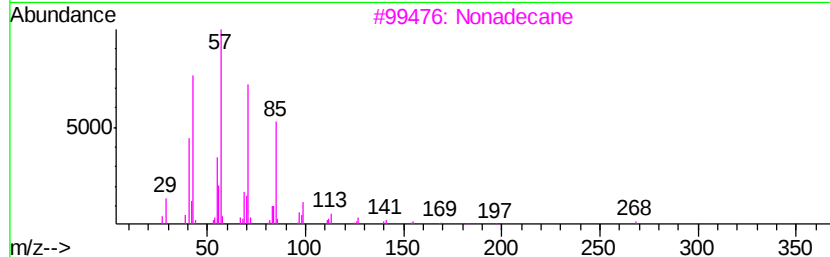
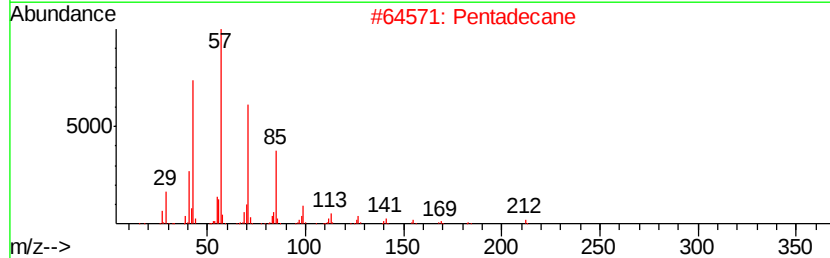
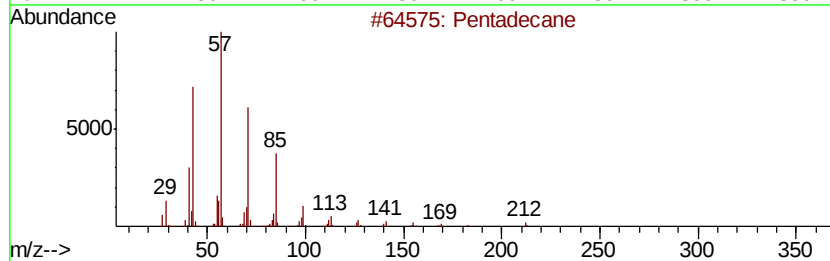
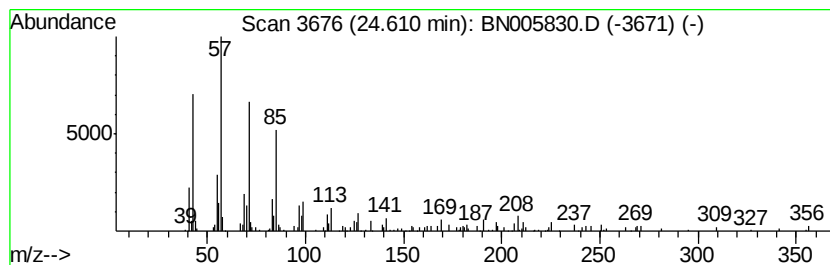
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Quant Title : SVOA CALIBRATION

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.
24.61	2.77 ng/ul	212575	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Pentadecane	212	C15H32	000629-62-9	94
3		Nonadecane	268	C19H40	000629-92-5	93
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005830.D
Acq On : 21 May 2019 18:24
Operator : JU/SJ
Sample : K2693-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE7

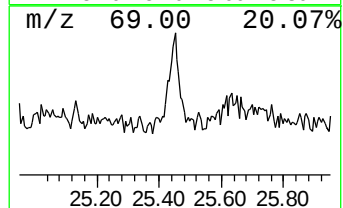
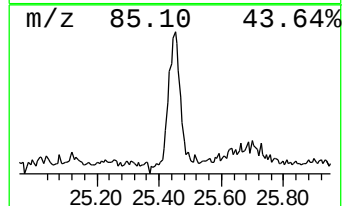
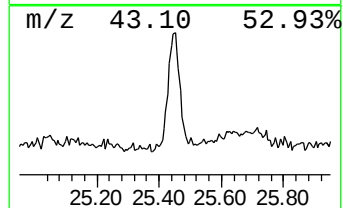
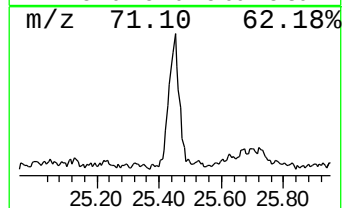
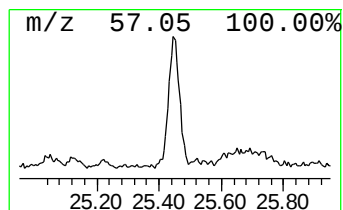
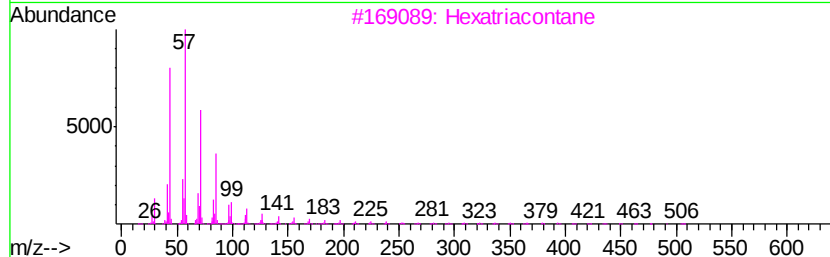
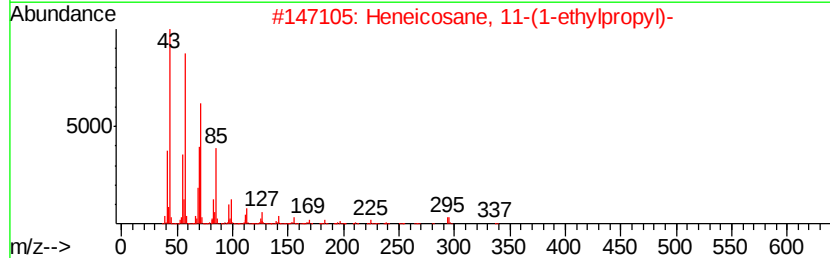
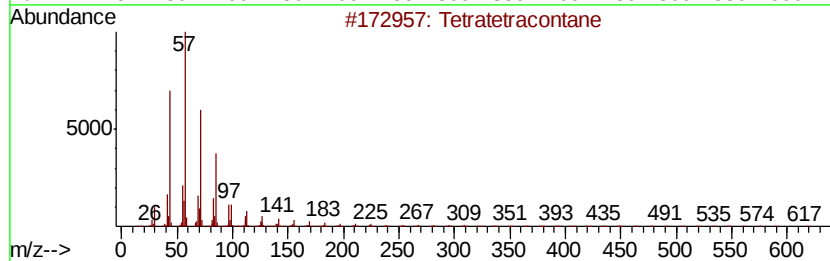
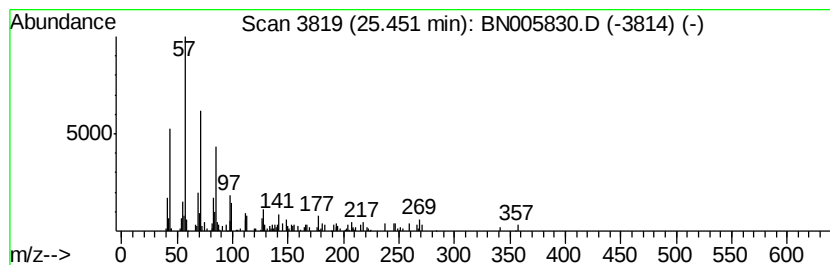
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.45	2.07 ng/ul	158410	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3		Hexatriacontane	507	C36H74	000630-06-8	80
4		Heptacosane	380	C27H56	000593-49-7	72
5		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052119\
Data File : BN005830.D
Acq On : 21 May 2019 18:24
Operator : JU/SJ
Sample : K2693-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE7

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	17.87	2.1	ng/ul	109322	4	16.96	1031840	20.0
(DEL) Alkane: Cyc...	20.92	2.6	ng/ul	195670	5	21.20	1504000	20.0
(DEL) Alkane: Str...	22.73	2.5	ng/ul	189372	6	23.40	1532330	20.0
(DEL) Alkane: Str...	23.90	3.4	ng/ul	256495	6	23.40	1532330	20.0
(DEL) Alkane: Str...	24.61	2.8	ng/ul	212575	6	23.40	1532330	20.0
(DEL) Alkane: Str...	25.45	2.1	ng/ul	158410	6	23.40	1532330	20.0