

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011490.D
 Acq On : 18 Aug 2020 18:31
 Operator : CG/JU
 Sample : L3668-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS6

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-BN081420MA.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	3.058	10	12	16	rVB4	5893	4355	0.16%	0.015%
2	3.117	19	22	26	rVB3	24607	27256	0.99%	0.096%
3	3.181	31	33	34	rBV2	3375	3161	0.11%	0.011%
4	3.305	51	54	55	rBV3	3503	3540	0.13%	0.012%
5	3.522	90	91	95	rVB4	3122	2816	0.10%	0.010%
6	3.611	100	106	109	rBV6	2240	5140	0.19%	0.018%
7	3.681	115	118	119	rBV3	2959	2924	0.11%	0.010%
8	3.705	119	122	123	rBV2	4103	5179	0.19%	0.018%
9	3.787	131	136	138	rBV	8659	12893	0.47%	0.045%
10	3.964	164	166	170	rVB3	3303	3700	0.13%	0.013%
11	4.687	286	289	291	rVB3	4187	4332	0.16%	0.015%
12	4.728	293	296	299	rVB5	2602	2816	0.10%	0.010%
13	4.787	301	306	309	rBV4	3080	4077	0.15%	0.014%
14	5.634	449	450	455	rBV3	2057	3399	0.12%	0.012%
15	5.916	492	498	500	rVB3	2706	3418	0.12%	0.012%
16	6.640	616	621	631	rVB	70654	119188	4.31%	0.419%
17	6.793	641	647	657	rBV	257422	408450	14.78%	1.437%
18	6.975	672	678	690	rBV	307782	500230	18.10%	1.760%
19	7.434	750	756	765	rVB	523378	808456	29.25%	2.844%
20	8.146	871	877	888	rVV	205846	333925	12.08%	1.175%
21	8.569	943	949	958	rBV	313585	527650	19.09%	1.856%
22	8.657	963	964	968	rBV3	3332	2912	0.11%	0.010%
23	9.022	1022	1026	1031	rVB3	10895	15996	0.58%	0.056%
24	9.281	1064	1070	1077	rBV	268351	435508	15.76%	1.532%
25	9.328	1077	1078	1085	rVB5	2796	3598	0.13%	0.013%
26	9.810	1153	1160	1177	rBV	386650	705881	25.54%	2.483%
27	10.175	1215	1222	1230	rBV	660150	1088919	39.39%	3.830%
28	10.228	1230	1231	1236	rVV2	13435	10472	0.38%	0.037%
29	10.340	1242	1250	1264	rBV3	19470	49433	1.79%	0.174%
30	10.522	1276	1281	1284	rBV2	2280	2847	0.10%	0.010%
31	10.604	1292	1295	1299	rBV	2227	2832	0.10%	0.010%
32	11.493	1442	1446	1452	rVB4	11547	19006	0.69%	0.067%
33	11.716	1480	1484	1485	rBV	3077	3074	0.11%	0.011%
34	11.781	1492	1495	1498	rBV2	5213	4276	0.15%	0.015%

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35	12.681	1644	1648	1651	rBV	2664	3889	0.14%	0.014%
36	12.981	1694	1699	1704	rVB4	5166	8771	0.32%	0.031%
37	13.492	1780	1786	1790	rBV	785734	1130714	40.91%	3.978%
38	13.540	1790	1794	1805	rVB	375483	533620	19.31%	1.877%
39	13.751	1823	1830	1842	rBV	974764	1337829	48.40%	4.706%
40	14.063	1876	1883	1892	rBV	1011469	1438113	52.03%	5.059%
41	14.122	1892	1893	1898	rVB3	3680	3839	0.14%	0.014%
42	14.316	1918	1926	1934	rBV5	23496	56452	2.04%	0.199%
43	14.369	1934	1935	1940	rVB3	3728	3849	0.14%	0.014%
44	14.463	1947	1951	1952	rBV2	1920	2800	0.10%	0.010%
45	14.528	1958	1962	1964	rBV2	4067	3690	0.13%	0.013%
46	14.916	2022	2028	2033	rVB4	2420	5022	0.18%	0.018%
47	14.963	2033	2036	2039	rBV2	3421	3957	0.14%	0.014%
48	15.069	2046	2054	2067	rBV	1267929	1743984	63.09%	6.135%
49	15.204	2072	2077	2089	rVV	316822	441126	15.96%	1.552%
50	15.310	2091	2095	2100	rVB5	10004	15434	0.56%	0.054%
51	15.769	2171	2173	2179	rBV3	2276	3301	0.12%	0.012%
52	15.828	2182	2183	2186	rVV2	3259	3383	0.12%	0.012%
53	15.857	2186	2188	2191	rVV3	5053	7526	0.27%	0.026%
54	15.886	2191	2193	2197	rVV2	4070	3825	0.14%	0.013%
55	15.998	2209	2212	2216	rVB	3063	3866	0.14%	0.014%
56	16.081	2221	2226	2230	rBV3	10533	15772	0.57%	0.055%
57	16.239	2251	2253	2256	rVB3	3907	3969	0.14%	0.014%
58	16.586	2308	2312	2314	rBV3	5996	8146	0.29%	0.029%
59	16.610	2314	2316	2320	rVB2	4833	5732	0.21%	0.020%
60	16.822	2346	2352	2362	rBV	1262575	1714888	62.04%	6.032%
61	16.922	2362	2369	2381	rVV	1465903	2056996	74.42%	7.236%
62	17.039	2385	2389	2390	rBV3	2792	3025	0.11%	0.011%
63	17.092	2397	2398	2401	rVB	4336	3511	0.13%	0.012%
64	17.139	2403	2406	2407	rVV3	3092	2890	0.10%	0.010%
65	17.157	2407	2409	2413	rVB4	2091	2897	0.10%	0.010%
66	17.363	2440	2444	2446	rBV3	3514	4589	0.17%	0.016%
67	17.669	2493	2496	2499	rVV2	2116	2951	0.11%	0.010%
68	17.757	2504	2511	2518	rBV	137468	209303	7.57%	0.736%
69	17.822	2520	2522	2528	rVB4	12527	14667	0.53%	0.052%
70	18.010	2553	2554	2556	rBV2	3703	3013	0.11%	0.011%
71	18.057	2556	2562	2566	rVB7	4572	10123	0.37%	0.036%

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72	18.433	2624	2626	2627	rBV2	4843	2966	0.11%	0.010%
73	18.492	2633	2636	2639	rVB3	3928	3779	0.14%	0.013%
74	18.627	2655	2659	2661	rBV4	5004	7520	0.27%	0.026%
75	18.692	2667	2670	2673	rBV4	8772	9236	0.33%	0.032%
76	18.763	2679	2682	2683	rBV3	3909	3299	0.12%	0.012%
77	18.810	2688	2690	2693	rBV3	3602	4223	0.15%	0.015%
78	18.863	2695	2699	2702	rVV2	16324	19953	0.72%	0.070%
79	18.898	2703	2705	2707	rVB3	5963	3851	0.14%	0.014%
80	18.922	2707	2709	2710	rBV2	4585	3687	0.13%	0.013%
81	19.051	2728	2731	2735	rBV3	41172	54939	1.99%	0.193%
82	19.116	2739	2742	2747	rVB	17288	24208	0.88%	0.085%
83	19.227	2754	2761	2768	rBV	1955006	2655858	96.08%	9.343%
84	19.286	2769	2771	2774	rVB4	11614	10486	0.38%	0.037%
85	19.422	2792	2794	2795	rBV2	5915	4305	0.16%	0.015%
86	19.527	2809	2812	2813	rBV2	7106	7572	0.27%	0.027%
87	19.563	2816	2818	2822	rVV4	5825	8429	0.30%	0.030%
88	19.798	2853	2858	2861	rBV6	16661	33254	1.20%	0.117%
89	19.827	2861	2863	2867	rVB5	21817	24384	0.88%	0.086%
90	20.327	2945	2948	2951	rVB3	30332	36756	1.33%	0.129%
91	20.792	3022	3027	3036	rBV	473905	702941	25.43%	2.473%
92	21.039	3064	3069	3078	rBV	1783044	2169763	78.50%	7.633%
93	21.239	3100	3103	3107	rVB2	73407	78764	2.85%	0.277%
94	21.657	3171	3174	3180	rBV2	118073	182312	6.60%	0.641%
95	22.092	3244	3248	3253	rBV2	204083	271271	9.81%	0.954%
96	22.563	3324	3328	3334	rBV2	238759	330892	11.97%	1.164%
97	23.015	3400	3405	3412	rVV	1653818	2764119	100.00%	9.723%
98	23.086	3413	3417	3422	rVV2	258760	381681	13.81%	1.343%
99	23.151	3422	3428	3437	rVB2	1343313	2280708	82.51%	8.023%
100	23.674	3513	3517	3524	rVB	230173	397351	14.38%	1.398%

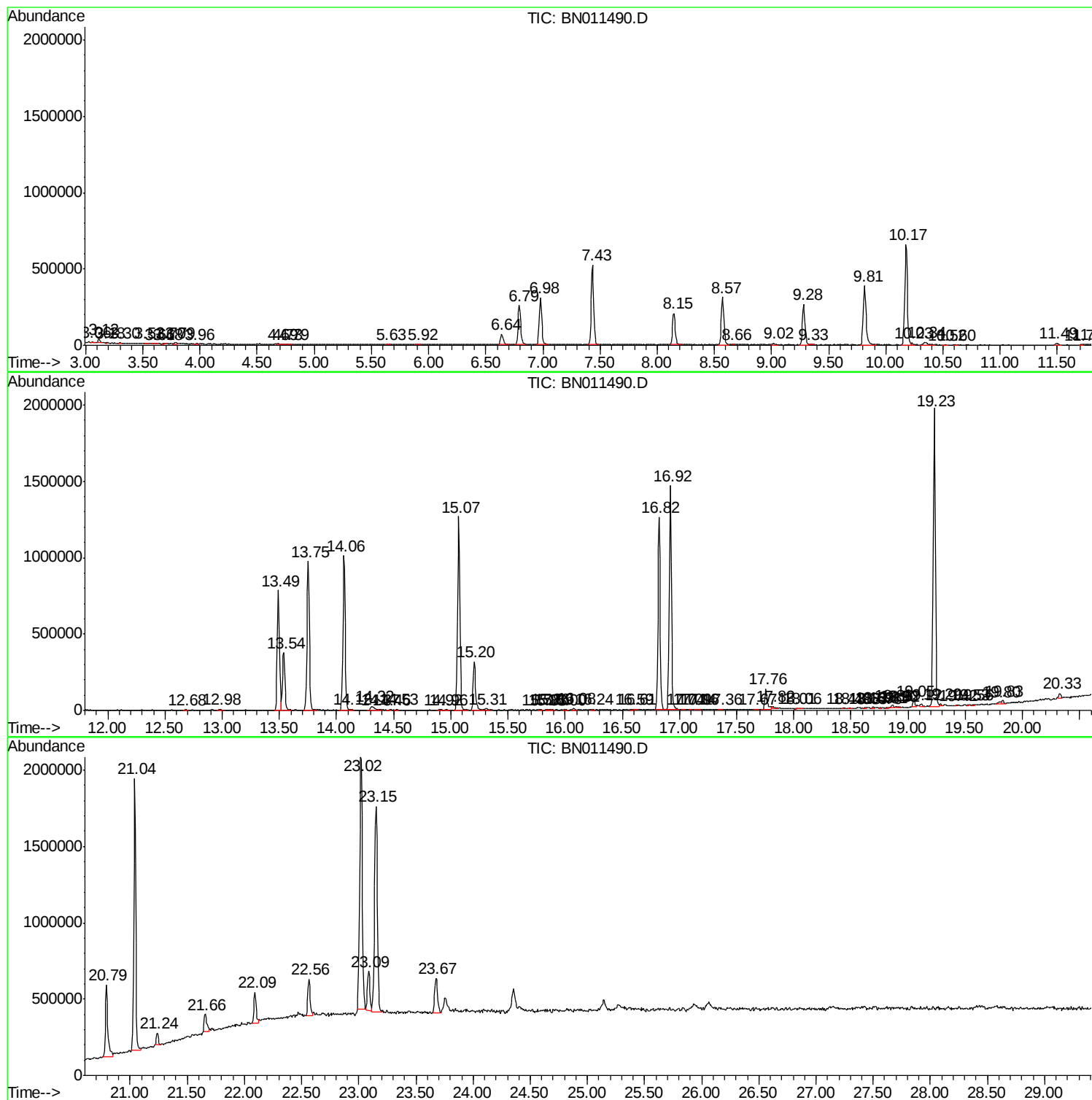
Sum of corrected areas: 28427628

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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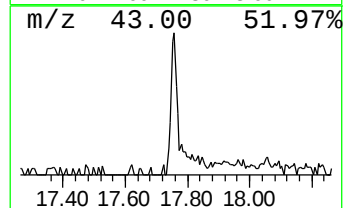
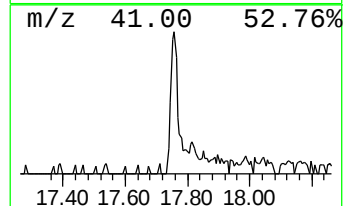
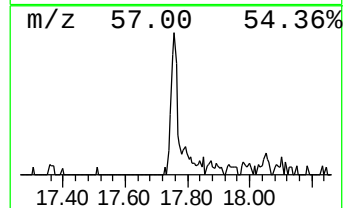
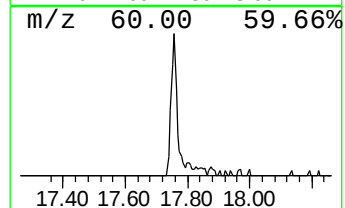
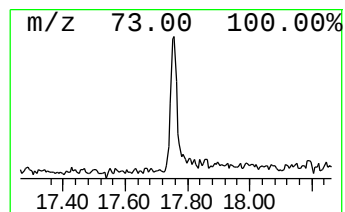
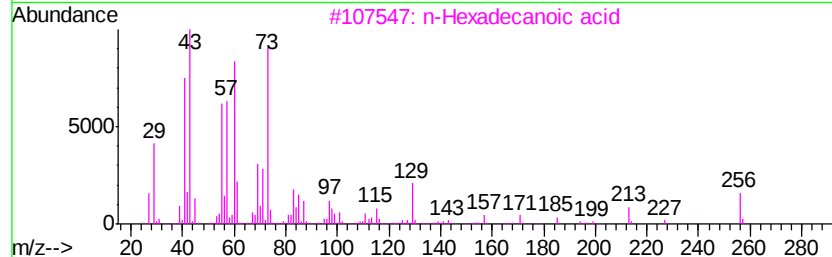
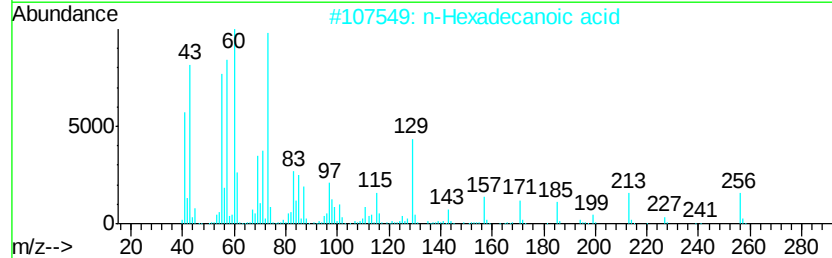
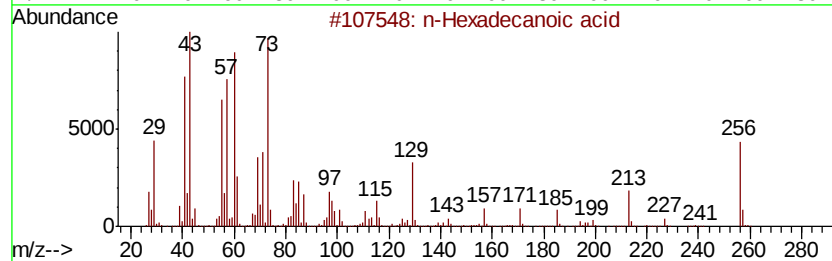
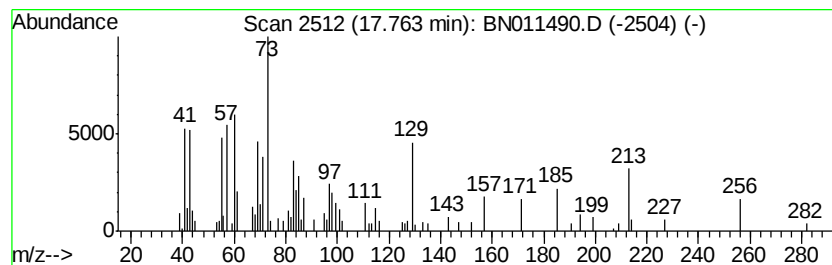
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.44 ng/ul	209303	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		Octadecanoic acid	284	C18H36O2	000057-11-4	52



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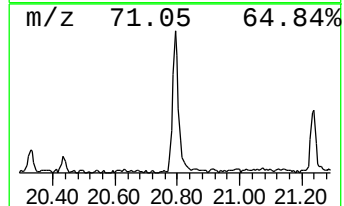
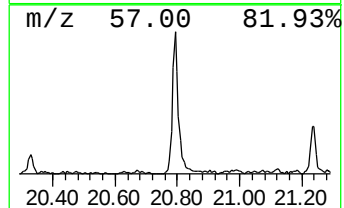
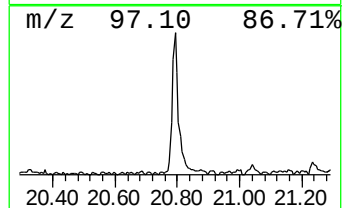
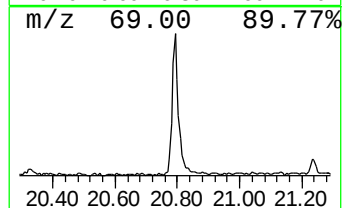
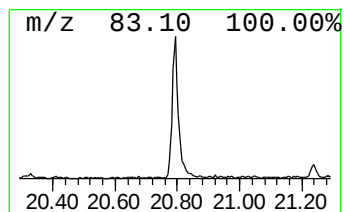
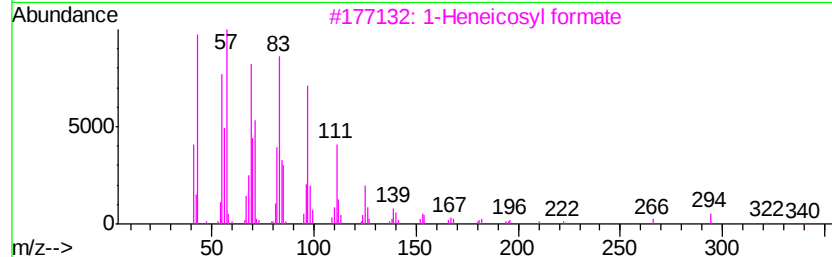
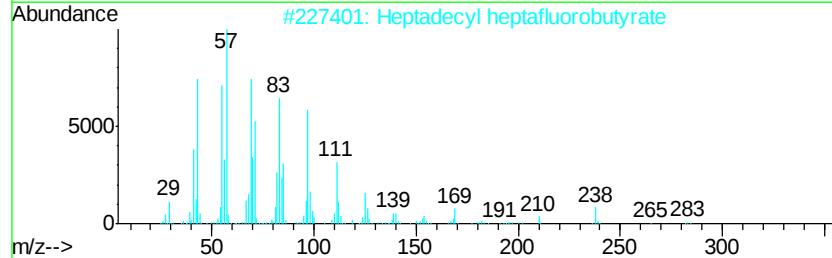
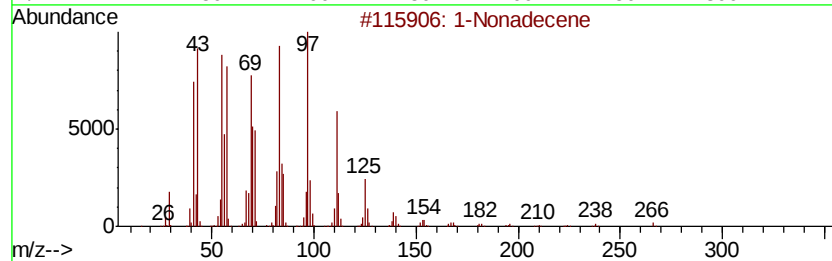
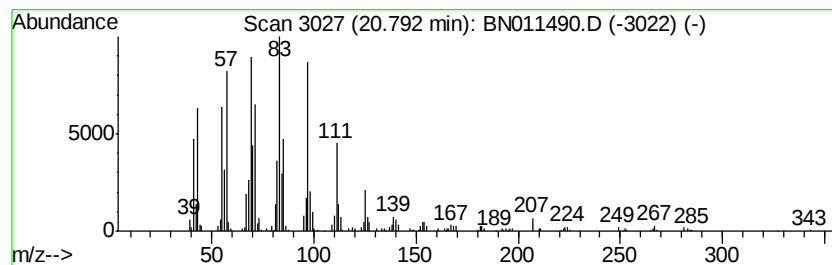
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	6.48 ng/ul	702941	Chrysene-d12	21.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	96
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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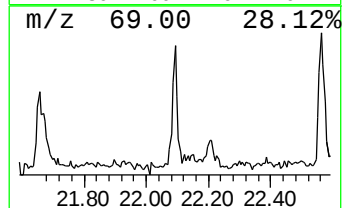
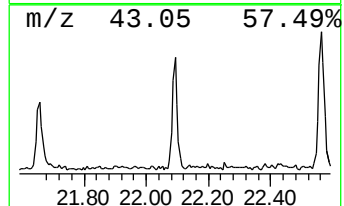
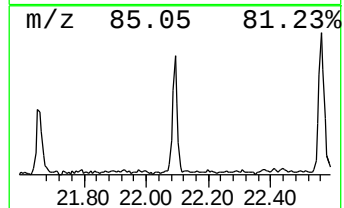
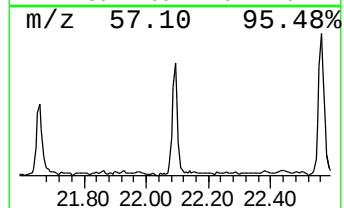
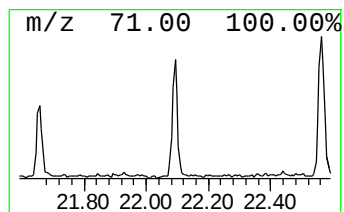
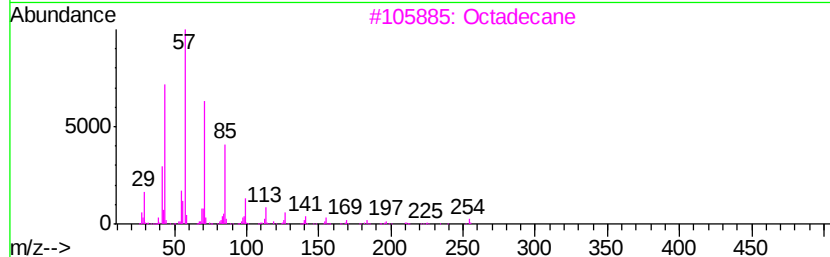
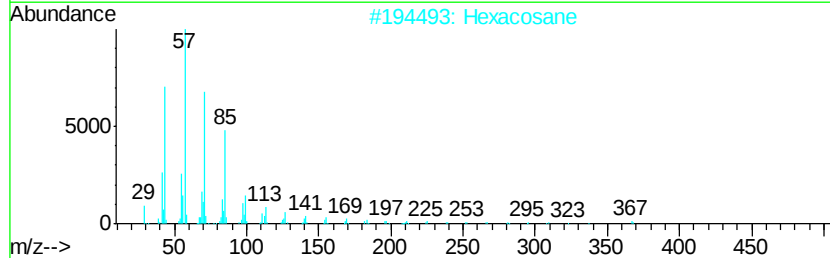
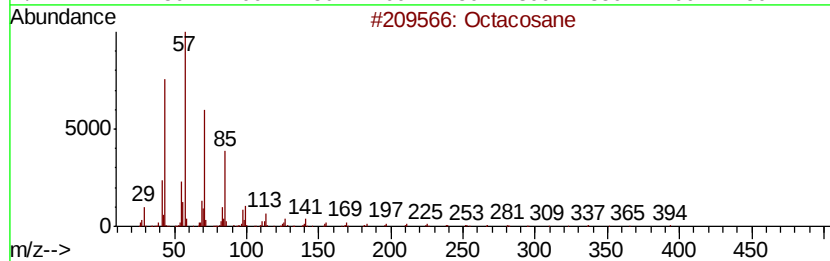
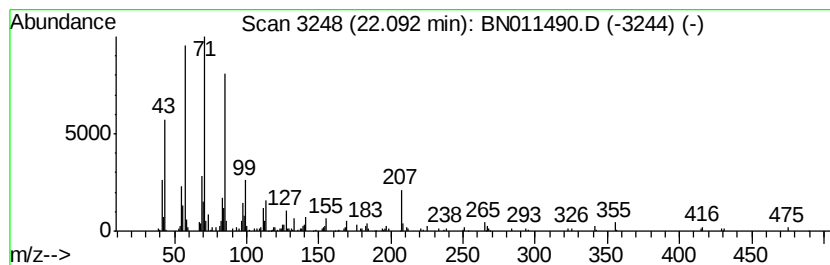
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.50 ng/ul	271271	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Hexacosane	366	C26H54	000630-01-3	81
3		Octadecane	254	C18H38	000593-45-3	74
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011490.D
Acq On : 18 Aug 2020 18:31
Operator : CG/JU
Sample : L3668-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFS6

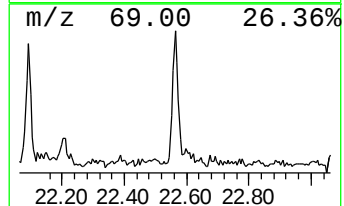
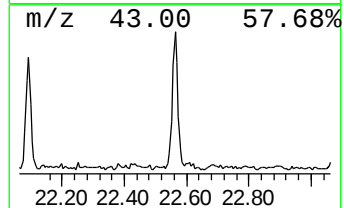
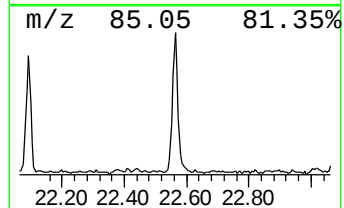
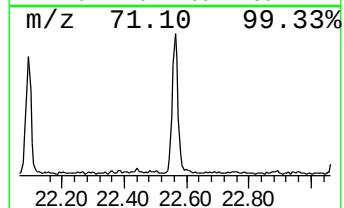
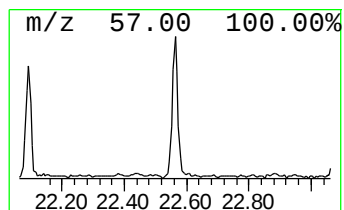
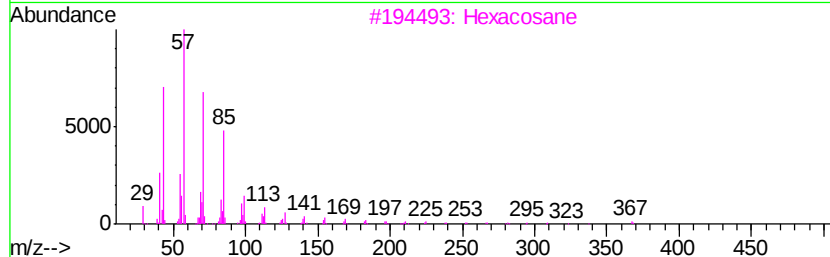
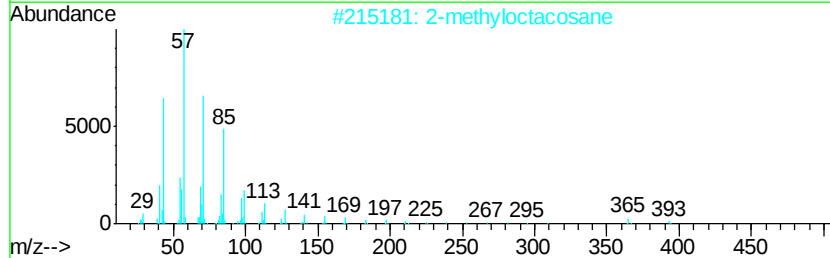
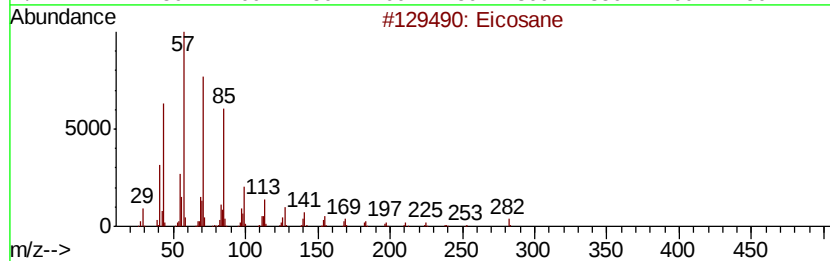
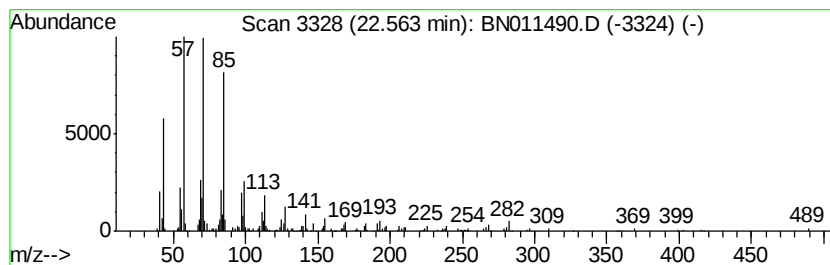
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.90 ng/ul	330892	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011490.D
Acq On : 18 Aug 2020 18:31
Operator : CG/JU
Sample : L3668-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFS6

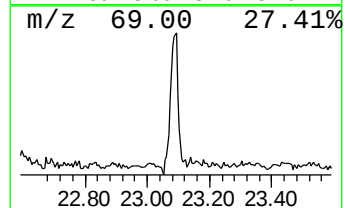
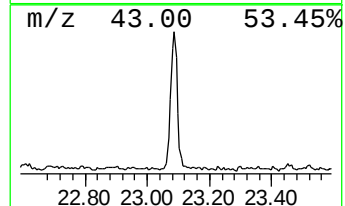
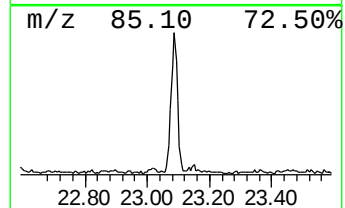
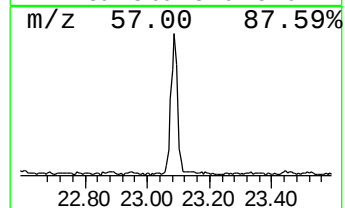
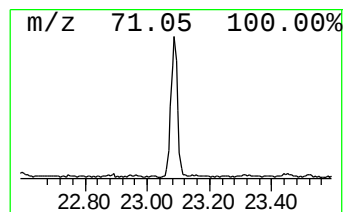
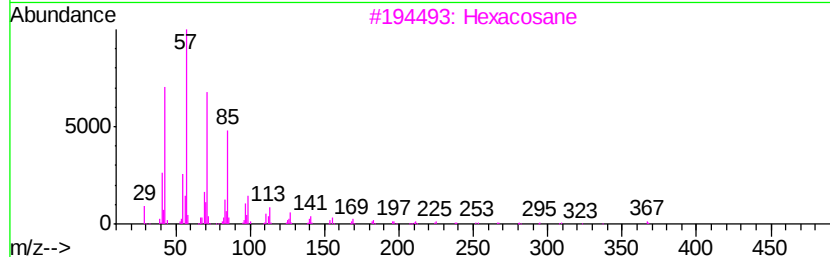
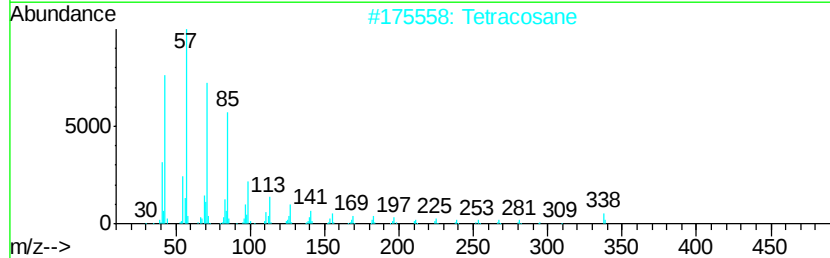
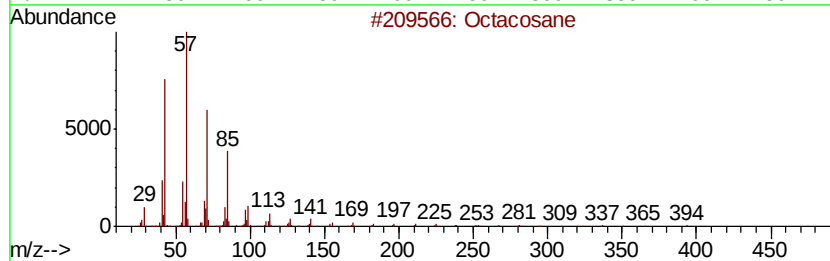
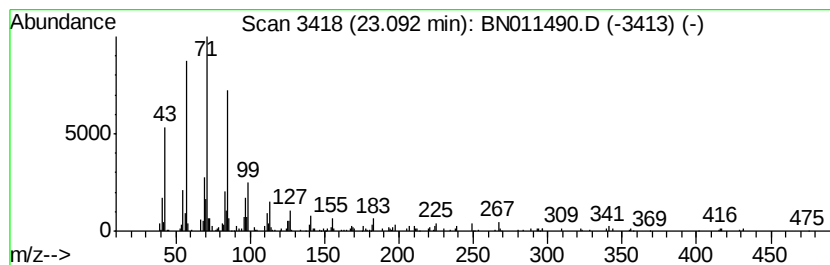
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.35 ng/ul	381681	Perylene-d12	23.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011490.D
Acq On : 18 Aug 2020 18:31
Operator : CG/JU
Sample : L3668-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFS6

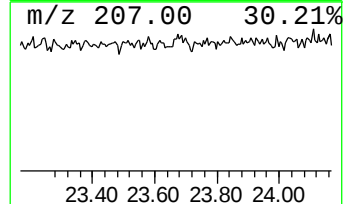
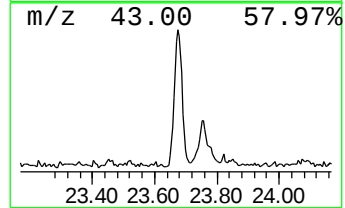
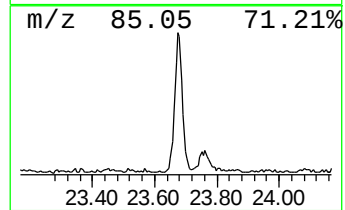
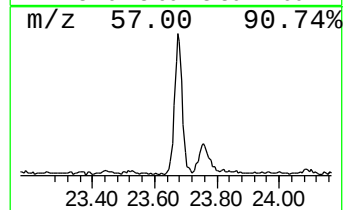
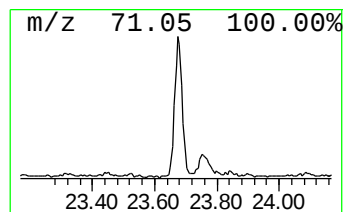
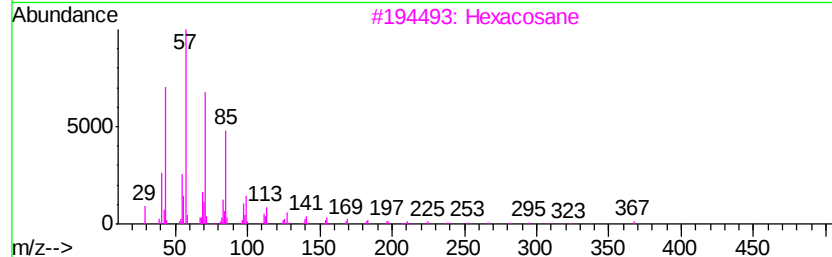
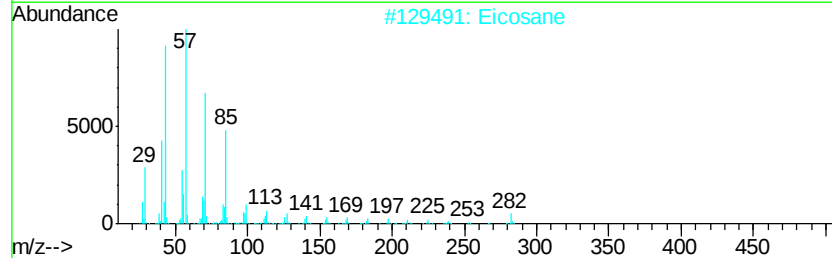
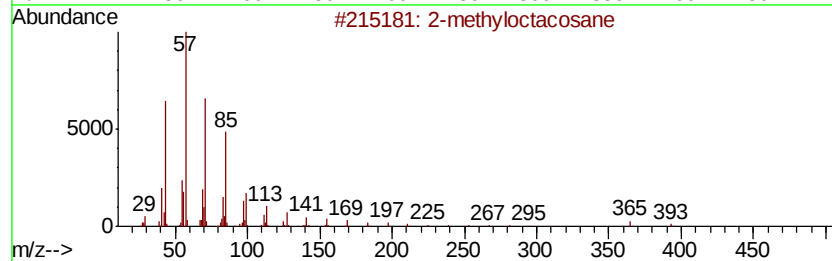
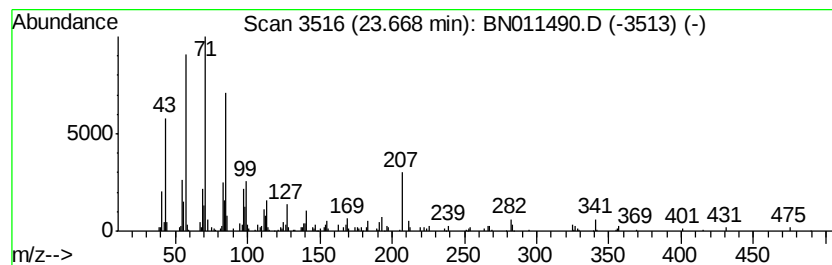
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.67	3.48 ng/ul	397351	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	76
2		Eicosane	282	C20H42	000112-95-8	76
3		Hexacosane	366	C26H54	000630-01-3	76
4		Eicosane	282	C20H42	000112-95-8	76
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081720\
Data File : BN011490.D
Acq On : 18 Aug 2020 18:31
Operator : CG/JU
Sample : L3668-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.76	2.4	ng/ul	209303	4	16.82	1714890	20.0
(DEL) Alkane: Str...	20.79	6.5	ng/ul	702941	5	21.04	2169760	20.0
(DEL) Alkane: Str...	22.09	2.5	ng/ul	271271	5	21.04	2169760	20.0
(DEL) Alkane: Str...	22.56	2.9	ng/ul	330892	6	23.15	2280710	20.0
(DEL) Alkane: Str...	23.09	3.4	ng/ul	381681	6	23.15	2280710	20.0
(DEL) Alkane: Str...	23.67	3.5	ng/ul	397351	6	23.15	2280710	20.0