

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
 Data File : BN005939.D
 Acq On : 29 May 2019 20:14
 Operator : JU/SJ
 Sample : K2924-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4280

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-BN052819MA.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	3.266	15	19	39	rVB	162346	298114	2.02%	0.163%
2	3.672	86	88	93	rVB3	19493	27662	0.19%	0.015%
3	3.772	101	105	113	rVB	133324	185226	1.25%	0.101%
4	3.842	113	117	120	rBV5	25493	32956	0.22%	0.018%
5	3.889	120	125	133	rVB	135431	205277	1.39%	0.112%
6	3.983	138	141	148	rVB	26371	31643	0.21%	0.017%
7	4.077	154	157	162	rBV4	21266	31971	0.22%	0.018%
8	4.342	199	202	205	rVB4	23471	27682	0.19%	0.015%
9	4.524	229	233	238	rVB3	25673	36192	0.24%	0.020%
10	4.872	287	292	301	rVB	143680	221209	1.50%	0.121%
11	4.960	303	307	315	rBV2	41828	68098	0.46%	0.037%
12	5.830	447	455	461	rVB3	42998	74515	0.50%	0.041%
13	6.142	502	508	513	rBV2	23329	40669	0.28%	0.022%
14	6.383	547	549	558	rVB2	20453	34422	0.23%	0.019%
15	6.607	582	587	594	rBV3	24552	40818	0.28%	0.022%
16	6.713	602	605	611	rBV2	25299	45323	0.31%	0.025%
17	6.895	629	636	646	rBV	2909059	4784727	32.37%	2.622%
18	7.066	659	665	679	rVB	2220993	3611000	24.43%	1.979%
19	7.265	688	699	707	rBV	2966896	4723809	31.96%	2.588%
20	7.330	707	710	716	rBV	38883	62480	0.42%	0.034%
21	7.424	723	726	731	rVB6	13426	20774	0.14%	0.011%
22	7.730	770	778	785	rBV	2310123	3626691	24.54%	1.987%
23	7.789	785	788	794	rVB	66491	101289	0.69%	0.055%
24	8.430	885	897	907	rBV	3645599	5776452	39.08%	3.165%
25	8.548	912	917	923	rVB	51311	87234	0.59%	0.048%
26	8.883	966	974	983	rBV	2848313	4576317	30.96%	2.508%
27	8.983	988	991	995	rVV6	18937	29991	0.20%	0.016%
28	9.042	995	1001	1006	rVB7	22296	54784	0.37%	0.030%
29	9.307	1041	1046	1051	rVB	116826	165428	1.12%	0.091%
30	9.424	1062	1066	1076	rVB9	10961	22068	0.15%	0.012%
31	9.601	1088	1096	1103	rBV	2285796	3721572	25.18%	2.039%
32	9.730	1114	1118	1123	rVB3	17288	29132	0.20%	0.016%
33	9.818	1128	1133	1142	rVB9	15751	31893	0.22%	0.017%
34	10.130	1177	1186	1195	rBV	3818023	6376419	43.14%	3.494%

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35	10.512	1243	1251	1259	rBV	3391155	5548934	37.54%	3.040%
36	10.648	1266	1274	1291	rBV	1974025	3546648	24.00%	1.943%
37	11.036	1337	1340	1349	rVB	14106	25269	0.17%	0.014%
38	11.295	1379	1384	1393	rVB9	19988	39583	0.27%	0.022%
39	11.542	1422	1426	1431	rVB6	11750	21767	0.15%	0.012%
40	11.942	1489	1494	1500	rBV6	24769	42667	0.29%	0.023%
41	12.006	1500	1505	1515	rVV2	37984	79571	0.54%	0.044%
42	12.101	1515	1521	1530	rVB	71368	125433	0.85%	0.069%
43	12.724	1622	1627	1632	rBV7	11832	23829	0.16%	0.013%
44	13.100	1684	1691	1695	rBV8	20747	45364	0.31%	0.025%
45	13.148	1695	1699	1704	rVV2	57114	98645	0.67%	0.054%
46	13.200	1704	1708	1714	rVV3	30900	54798	0.37%	0.030%
47	13.265	1714	1719	1724	rVV6	18492	41190	0.28%	0.023%
48	13.336	1724	1731	1738	rVB4	16279	40433	0.27%	0.022%
49	13.547	1762	1767	1771	rBV7	16108	21480	0.15%	0.012%
50	13.606	1771	1777	1780	rBV8	17109	29952	0.20%	0.016%
51	13.689	1787	1791	1794	rVB5	13768	21463	0.15%	0.012%
52	13.783	1800	1807	1811	rBV	5935989	8610270	58.26%	4.718%
53	13.830	1811	1815	1823	rVB	2257850	2980255	20.16%	1.633%
54	13.942	1830	1834	1840	rVB4	16148	23468	0.16%	0.013%
55	14.065	1843	1855	1865	rBV	7331634	11010267	74.49%	6.033%
56	14.277	1888	1891	1896	rVB	35031	47323	0.32%	0.026%
57	14.371	1896	1907	1915	rBV2	4680700	7406825	50.11%	4.058%
58	14.436	1915	1918	1925	rVB8	18130	34502	0.23%	0.019%
59	14.518	1928	1932	1934	rBV	29881	39602	0.27%	0.022%
60	14.571	1934	1941	1945	rVV	2989878	4349114	29.43%	2.383%
61	14.618	1945	1949	1961	rVV	353966	635474	4.30%	0.348%
62	14.724	1962	1967	1973	rVV	200751	307216	2.08%	0.168%
63	14.794	1974	1979	1984	rVB3	109510	166043	1.12%	0.091%
64	14.900	1993	1997	2003	rVB8	12970	22481	0.15%	0.012%
65	14.977	2006	2010	2012	rVV6	13468	23872	0.16%	0.013%
66	15.036	2016	2020	2025	rVB2	58840	85297	0.58%	0.047%
67	15.142	2035	2038	2041	rBV2	29292	39413	0.27%	0.022%
68	15.183	2041	2045	2050	rVV2	48718	83076	0.56%	0.046%
69	15.236	2050	2054	2058	rVB2	48908	61576	0.42%	0.034%
70	15.371	2068	2077	2083	rBV	9201506	13139630	88.90%	7.200%
71	15.424	2083	2086	2090	rVB5	24206	30697	0.21%	0.017%

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72	15.483	2091	2096	2105	rBV	984144	1373065	9.29%	0.752%
73	15.606	2112	2117	2122	rBV	117991	170477	1.15%	0.093%
74	16.100	2197	2201	2204	rBV2	45047	59003	0.40%	0.032%
75	16.153	2206	2210	2217	rVB	64133	96300	0.65%	0.053%
76	16.524	2270	2273	2277	rVB3	47574	59997	0.41%	0.033%
77	16.777	2313	2316	2318	rBV2	28617	36978	0.25%	0.020%
78	16.894	2333	2336	2340	rBV3	34192	55740	0.38%	0.031%
79	17.024	2355	2358	2364	rBV7	38239	66138	0.45%	0.036%
80	17.124	2368	2375	2380	rVV2	6226215	8812192	59.62%	4.828%
81	17.165	2380	2382	2386	rVV	265921	305931	2.07%	0.168%
82	17.224	2386	2392	2402	rVB2	9548466	13773542	93.19%	7.547%
83	17.359	2413	2415	2421	rBV5	39431	52188	0.35%	0.029%
84	17.900	2503	2507	2514	rBV8	53731	133617	0.90%	0.073%
85	18.030	2521	2529	2543	rBV	3638523	5693176	38.52%	3.119%
86	18.188	2553	2556	2560	rBV2	74375	113732	0.77%	0.062%
87	18.347	2576	2583	2589	rBV5	92341	241318	1.63%	0.132%
88	19.188	2718	2726	2735	rBV2	755993	1459531	9.87%	0.800%
89	19.318	2744	2748	2756	rBV	1479952	2220405	15.02%	1.217%
90	19.530	2778	2784	2796	rBV	9808376	14780113	100.00%	8.098%
91	20.047	2870	2872	2876	rBV	202535	227542	1.54%	0.125%
92	20.465	2941	2943	2949	rVB	692620	784344	5.31%	0.430%
93	21.047	3038	3042	3048	rBV	3935140	4650812	31.47%	2.548%
94	21.335	3086	3091	3095	rBV	5015553	6762382	45.75%	3.705%
95	21.494	3115	3118	3122	rBV	922341	1188497	8.04%	0.651%
96	21.941	3191	3194	3199	rBV2	1180682	1802285	12.19%	0.988%
97	22.412	3270	3274	3278	rBV	1423245	1975823	13.37%	1.083%
98	22.923	3358	3361	3366	rVB	1466279	2041571	13.81%	1.119%
99	23.465	3447	3453	3457	rBV2	4969664	9233747	62.47%	5.059%
100	23.606	3472	3477	3484	rVB	3198665	6227270	42.13%	3.412%

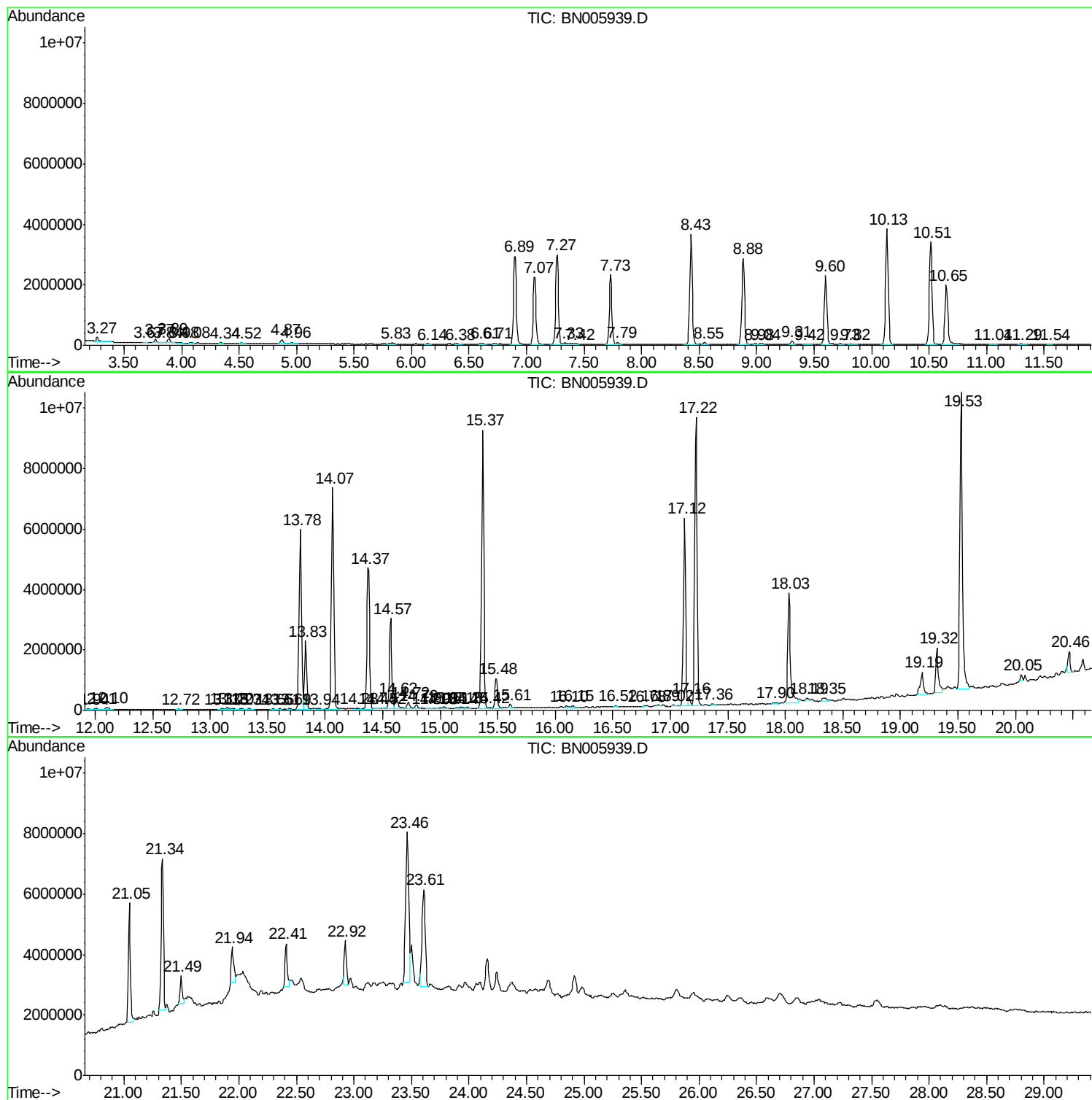
Sum of corrected areas: 182504980

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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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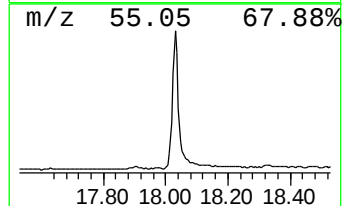
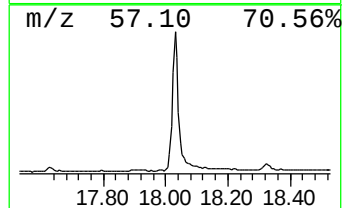
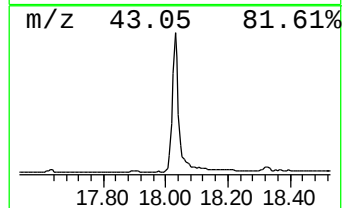
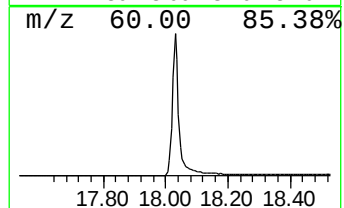
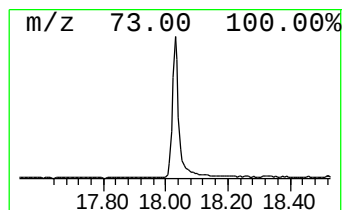
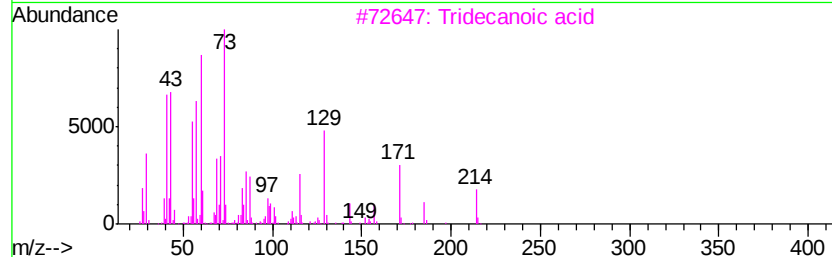
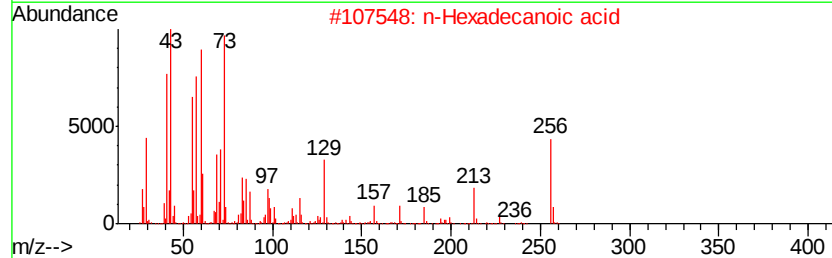
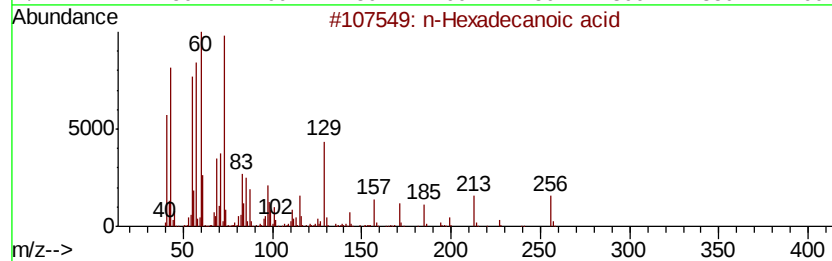
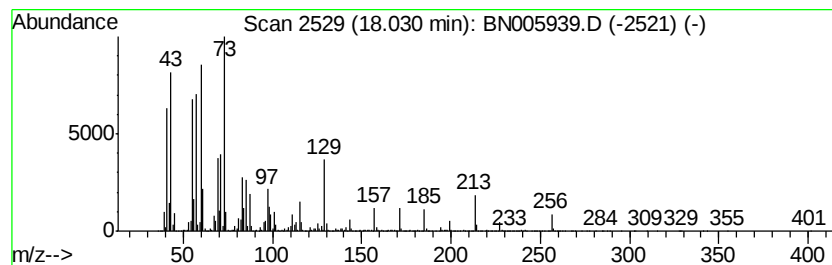
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	12.92 ng/ul	5693180	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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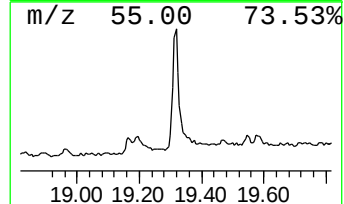
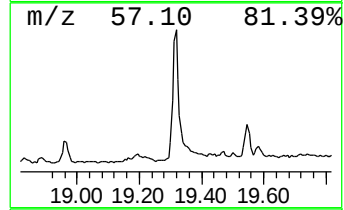
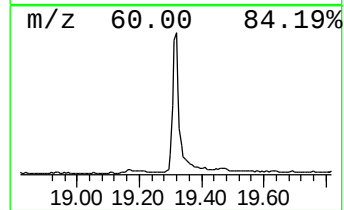
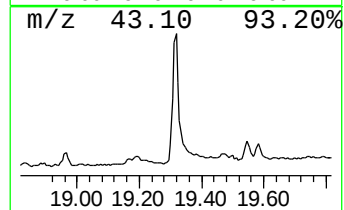
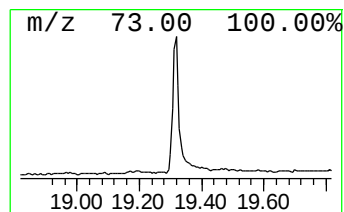
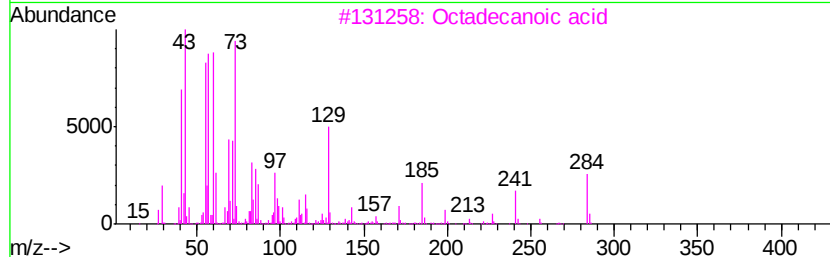
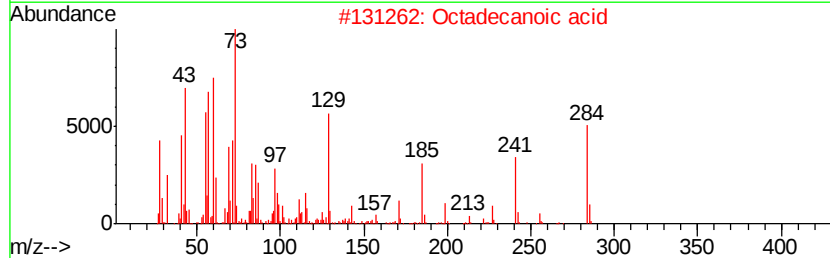
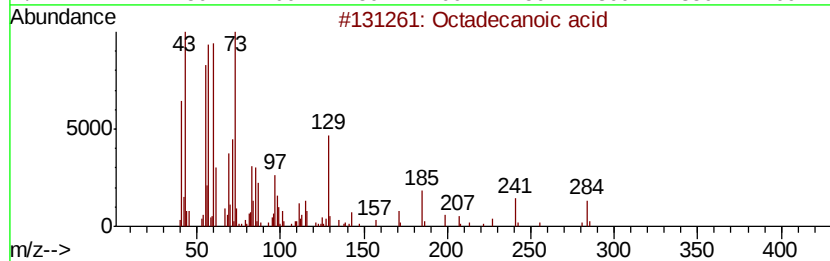
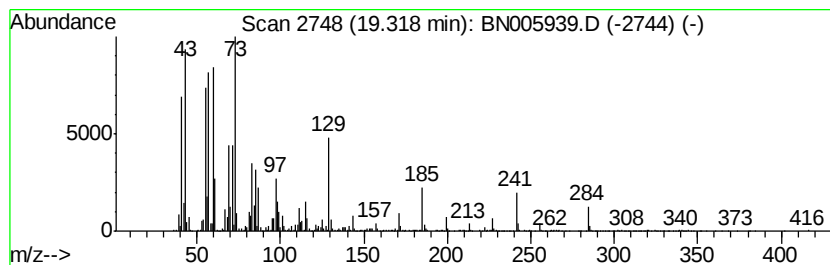
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	6.57 ng/ul	2220410	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



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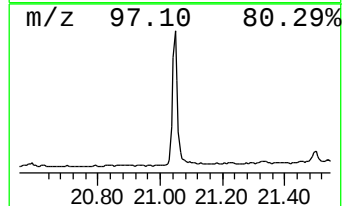
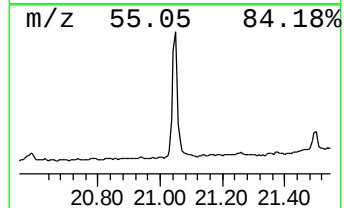
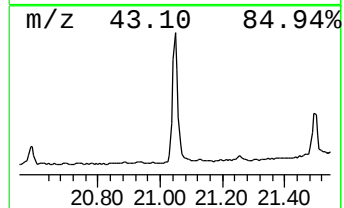
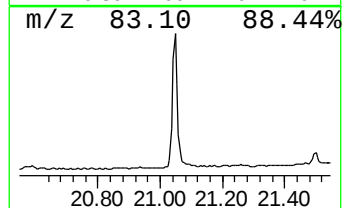
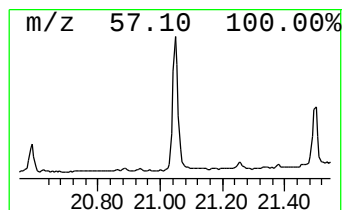
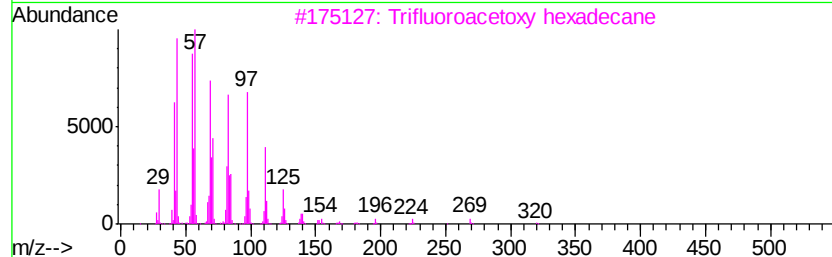
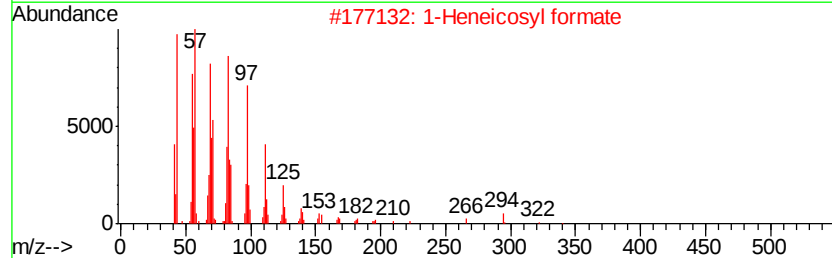
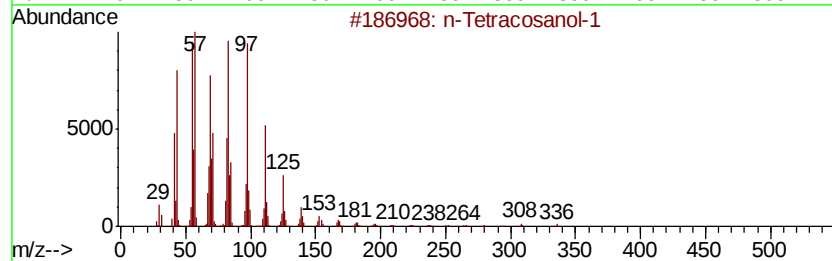
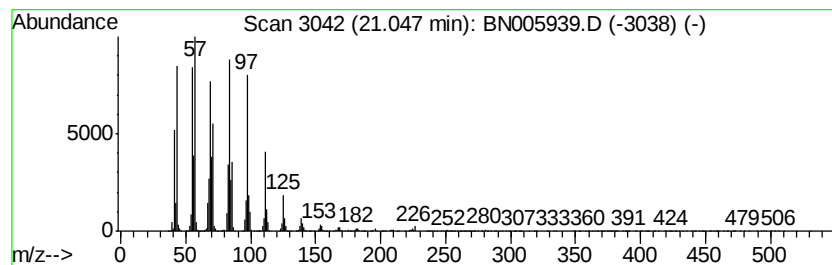
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.05	13.76 ng/ul	4650810	Chrysene-d12	21.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
2	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
3	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	94
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005939.D
Acq On : 29 May 2019 20:14
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4280

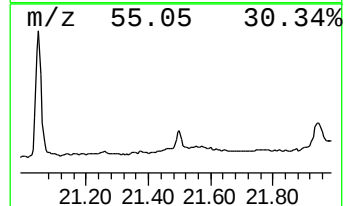
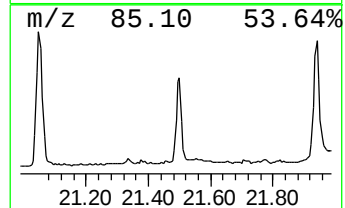
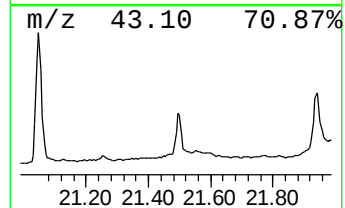
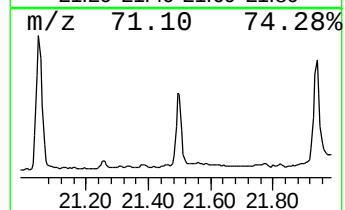
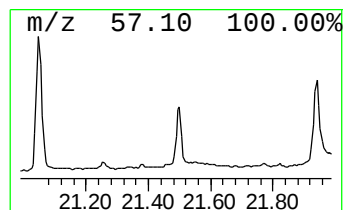
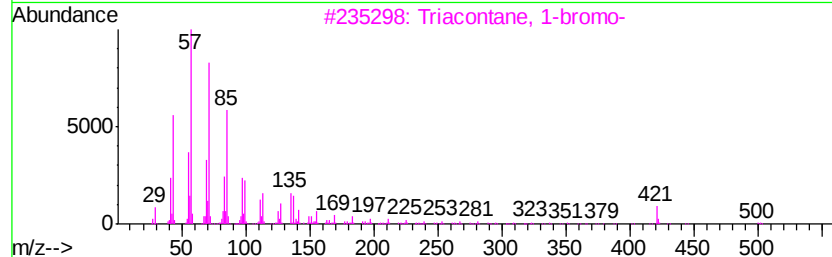
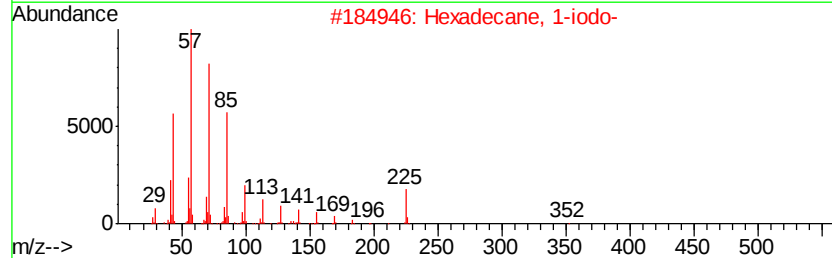
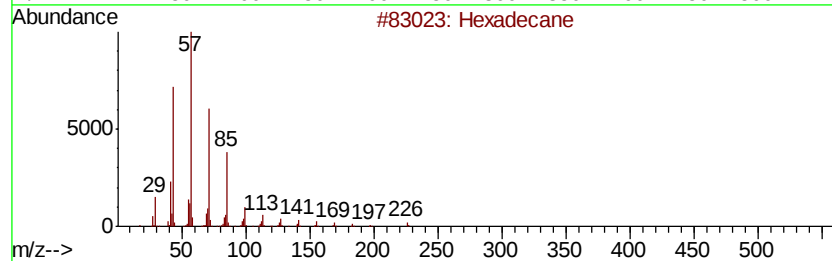
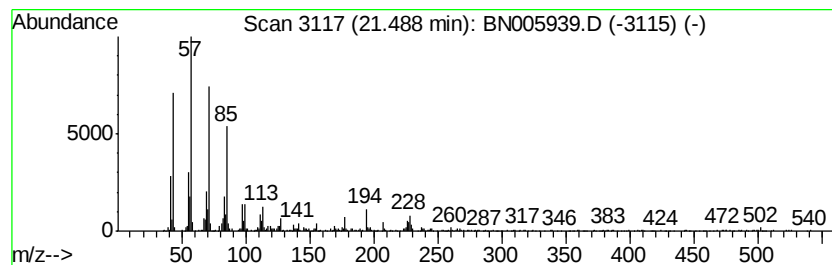
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.52 ng/ul	1188500	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3		triacontane, 1-bromo-	500	C30H61Br	004209-22-7	93
4		Tetracosane	338	C24H50	000646-31-1	93
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005939.D
Acq On : 29 May 2019 20:14
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4280

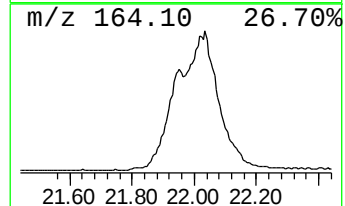
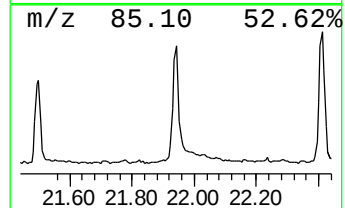
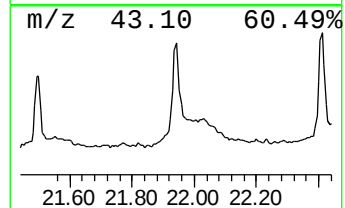
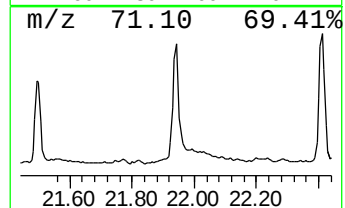
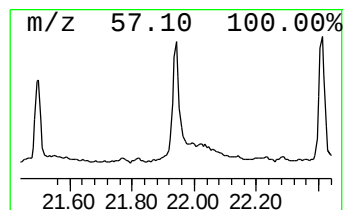
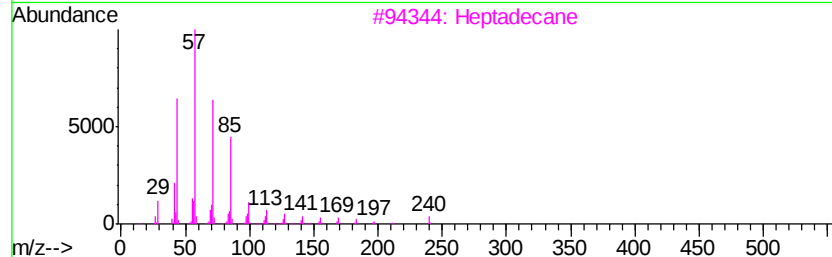
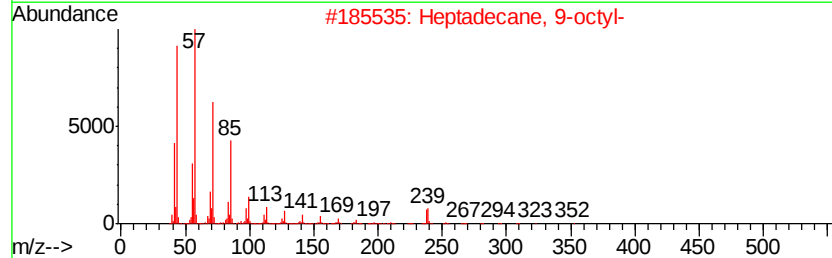
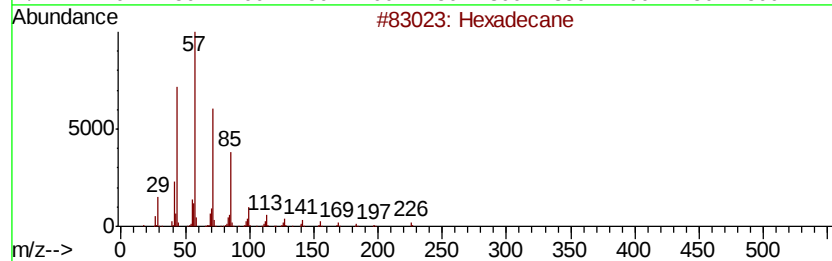
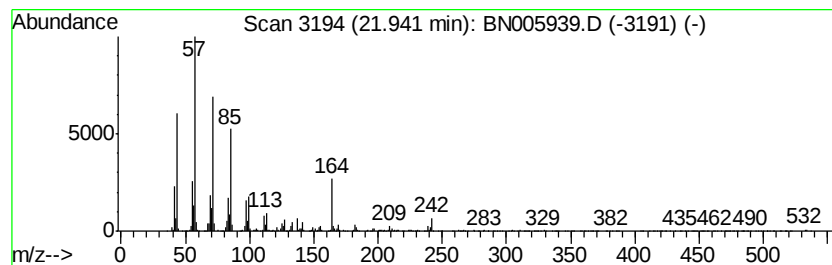
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	5.33 ng/ul	1802290	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Heptadecane	240	C17H36	000629-78-7	93
4		Tetracosane	338	C24H50	000646-31-1	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005939.D
Acq On : 29 May 2019 20:14
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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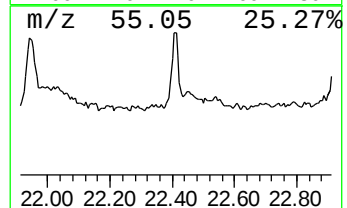
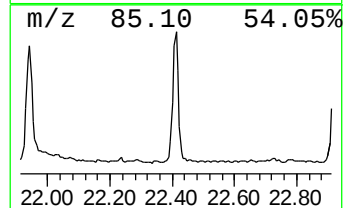
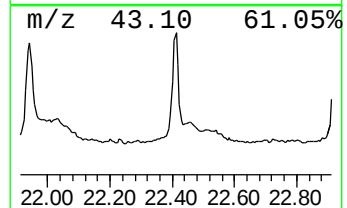
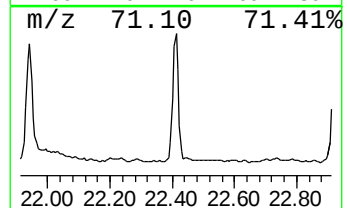
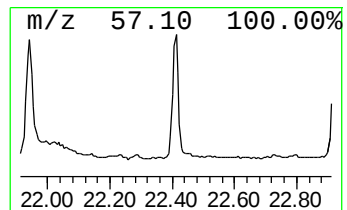
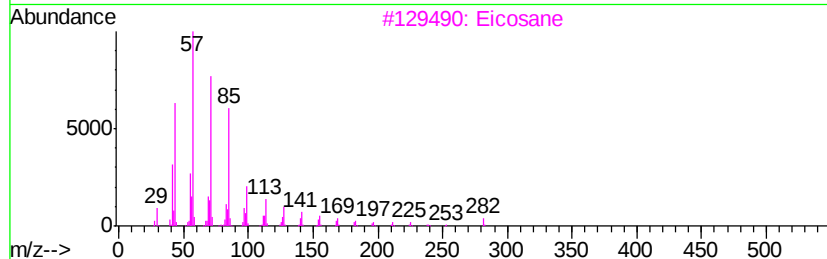
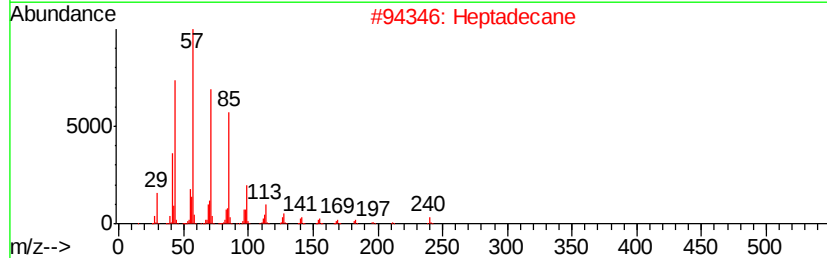
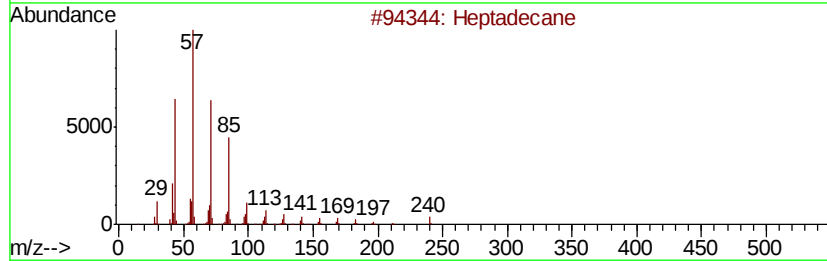
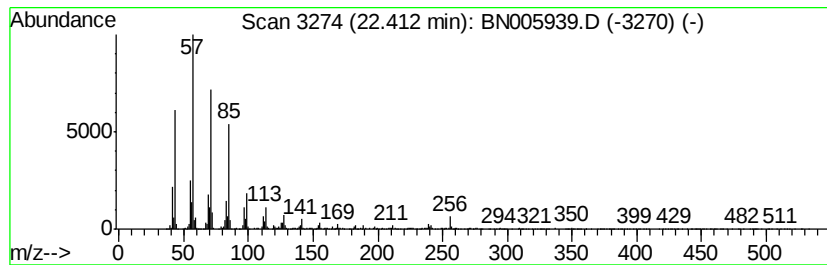
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	5.84 ng/ul	1975820	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heptadecane	240	C17H36	000629-78-7	93
3			Eicosane	282	C20H42	000112-95-8	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005939.D
Acq On : 29 May 2019 20:14
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4280

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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	18.03	12.9	ng/ul	5693180	4	17.12	8812190	20.0
Octadecanoic acid	19.32	6.6	ng/ul	2220410	5	21.34	6762380	20.0
n-Tetracosanol-1	21.05	13.8	ng/ul	4650810	5	21.34	6762380	20.0
(DEL) Alkane: Str...	21.49	3.5	ng/ul	1188500	5	21.34	6762380	20.0
(DEL) Alkane: Str...	21.94	5.3	ng/ul	1802290	5	21.34	6762380	20.0
(DEL) Alkane: Str...	22.41	5.8	ng/ul	1975820	5	21.34	6762380	20.0