

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021349.D
 Acq On : 02 Jul 2019 18:48
 Operator : HP/JU
 Sample : K3594-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BE1

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_M\METHODS\SOM-EPA-BM061419MA.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	4.398	237	240	244	rVB	35760	42729	1.51%	0.134%
2	6.845	654	656	663	rVB	21471	30258	1.07%	0.095%
3	6.922	664	669	681	rVB	110927	209329	7.41%	0.657%
4	7.092	693	698	704	rBV	71235	118467	4.19%	0.372%
5	7.281	725	730	740	rVB	113151	188980	6.69%	0.593%
6	7.751	803	810	817	rBV	700823	1136260	40.23%	3.568%
7	7.804	817	819	827	rVB3	17267	27255	0.96%	0.086%
8	8.004	849	853	864	rVB3	14253	32407	1.15%	0.102%
9	8.457	924	930	939	rVB	153190	251821	8.91%	0.791%
10	8.910	1001	1007	1014	rBV	100996	175273	6.20%	0.550%
11	9.063	1029	1033	1040	rVB4	16770	25811	0.91%	0.081%
12	9.269	1065	1068	1073	rVB2	16523	23649	0.84%	0.074%
13	9.627	1123	1129	1139	rVB2	85804	146231	5.18%	0.459%
14	10.163	1214	1220	1231	rBV	144583	260107	9.21%	0.817%
15	10.533	1276	1283	1290	rBV	1055627	1794349	63.52%	5.634%
16	10.686	1303	1309	1324	rBV	119603	227910	8.07%	0.716%
17	11.222	1396	1400	1406	rBV6	4905	9309	0.33%	0.029%
18	11.333	1414	1419	1424	rVB4	7087	11577	0.41%	0.036%
19	11.574	1453	1460	1468	rBV9	5607	16372	0.58%	0.051%
20	11.727	1481	1486	1487	rBV2	5074	7968	0.28%	0.025%
21	11.763	1488	1492	1497	rVB2	16092	23748	0.84%	0.075%
22	11.874	1506	1511	1518	rVB4	3437	7195	0.25%	0.023%
23	12.039	1533	1539	1544	rVV5	6809	10737	0.38%	0.034%
24	12.280	1576	1580	1584	rBV3	7132	11190	0.40%	0.035%
25	12.380	1593	1597	1602	rVB	7733	11686	0.41%	0.037%
26	12.668	1642	1646	1651	rBV5	4447	7187	0.25%	0.023%
27	12.733	1651	1657	1670	rVV2	38911	77618	2.75%	0.244%
28	12.845	1670	1676	1680	rVV6	6420	9764	0.35%	0.031%
29	12.904	1680	1686	1692	rVB7	4115	10124	0.36%	0.032%
30	12.986	1694	1700	1707	rBV	60100	85484	3.03%	0.268%
31	13.345	1755	1761	1766	rVB6	8973	14025	0.50%	0.044%
32	13.804	1834	1839	1844	rVV	335448	468156	16.57%	1.470%
33	13.851	1844	1847	1856	rVV	78345	110633	3.92%	0.347%
34	14.045	1872	1880	1881	rBV3	13643	21376	0.76%	0.067%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
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35	14.086	1881	1887	1898	rVV	320763	499467	17.68%	1.568%
36	14.257	1912	1916	1926	rBV2	15023	25118	0.89%	0.079%
37	14.392	1932	1939	1948	rBV2	1767925	2569345	90.96%	8.067%
38	14.627	1972	1979	1988	rBV3	44624	101963	3.61%	0.320%
39	14.804	2001	2009	2012	rBV5	8526	14217	0.50%	0.045%
40	15.057	2046	2052	2055	rVB5	8811	11372	0.40%	0.036%
41	15.180	2069	2073	2077	rVV	35158	48034	1.70%	0.151%
42	15.221	2077	2080	2086	rVB3	12592	20131	0.71%	0.063%
43	15.339	2094	2100	2102	rBV2	7673	8953	0.32%	0.028%
44	15.386	2102	2108	2115	rVV	457332	660106	23.37%	2.073%
45	15.445	2115	2118	2122	rVB2	7083	9484	0.34%	0.030%
46	15.521	2127	2131	2137	rBV2	43535	67149	2.38%	0.211%
47	15.621	2145	2148	2154	rVB6	6225	10725	0.38%	0.034%
48	15.751	2165	2170	2174	rBV7	4862	9115	0.32%	0.029%
49	15.898	2190	2195	2199	rBV6	3958	7150	0.25%	0.022%
50	15.951	2199	2204	2213	rVB4	22402	36514	1.29%	0.115%
51	16.098	2225	2229	2237	rBV5	8586	17917	0.63%	0.056%
52	16.256	2251	2256	2260	rBV4	9685	16963	0.60%	0.053%
53	16.468	2287	2292	2296	rBV5	9070	15634	0.55%	0.049%
54	16.539	2300	2304	2308	rBV5	13119	16384	0.58%	0.051%
55	16.804	2346	2349	2353	rVB4	9399	13649	0.48%	0.043%
56	16.898	2356	2365	2369	rBV5	25859	49675	1.76%	0.156%
57	17.033	2384	2388	2392	rBV4	18599	26167	0.93%	0.082%
58	17.098	2396	2399	2400	rBV	10063	8703	0.31%	0.027%
59	17.145	2400	2407	2411	rBV2	1949553	2782892	98.52%	8.738%
60	17.186	2411	2414	2418	rVB	227035	282796	10.01%	0.888%
61	17.239	2418	2423	2429	rBV	428128	639435	22.64%	2.008%
62	17.427	2451	2455	2458	rVV	11194	13406	0.47%	0.042%
63	17.521	2468	2471	2474	rVV5	14803	23350	0.83%	0.073%
64	17.556	2475	2477	2483	rVV2	19255	24144	0.85%	0.076%
65	17.627	2487	2489	2491	rVV3	9053	7612	0.27%	0.024%
66	17.656	2491	2494	2500	rVB6	9026	15839	0.56%	0.050%
67	17.727	2502	2506	2508	rBV3	4619	7387	0.26%	0.023%
68	17.762	2508	2512	2515	rBV6	6711	10505	0.37%	0.033%
69	17.803	2517	2519	2522	rVB4	9758	9060	0.32%	0.028%
70	17.915	2533	2538	2542	rBV3	40499	57188	2.02%	0.180%
71	17.968	2542	2547	2552	rBV3	92516	157686	5.58%	0.495%

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72	18.033	2552	2558	2562	rBV2	314348	449199	15.90%	1.410%
73	18.109	2568	2571	2575	rVB	21991	29280	1.04%	0.092%
74	18.215	2584	2589	2592	rBV3	42184	66028	2.34%	0.207%
75	18.327	2604	2608	2613	rBV7	19461	37190	1.32%	0.117%
76	18.374	2614	2616	2619	rVB4	9635	10350	0.37%	0.032%
77	18.462	2628	2631	2635	rBV5	7355	14171	0.50%	0.044%
78	18.521	2637	2641	2646	rVV	29800	40885	1.45%	0.128%
79	18.568	2646	2649	2657	rVV2	40145	61475	2.18%	0.193%
80	18.762	2680	2682	2686	rBV4	8416	12814	0.45%	0.040%
81	18.939	2709	2712	2713	rBV2	10474	12618	0.45%	0.040%
82	19.056	2729	2732	2734	rBV2	25642	33168	1.17%	0.104%
83	19.168	2748	2751	2752	rBV	49054	50095	1.77%	0.157%
84	19.203	2752	2757	2763	rVB	644460	894867	31.68%	2.810%
85	19.309	2772	2775	2786	rBV4	77720	139931	4.95%	0.439%
86	19.539	2809	2814	2816	rBV	651050	866070	30.66%	2.719%
87	19.568	2816	2819	2824	rVB	443173	584183	20.68%	1.834%
88	19.744	2847	2849	2856	rVB	29335	39245	1.39%	0.123%
89	21.033	3065	3068	3076	rVB2	256991	341310	12.08%	1.072%
90	21.327	3112	3118	3122	rBV	1958185	2824722	100.00%	8.869%
91	21.362	3122	3124	3134	rVB	280702	370299	13.11%	1.163%
92	21.903	3213	3216	3219	rBV	259799	292802	10.37%	0.919%
93	22.374	3293	3296	3300	rVB	231498	277854	9.84%	0.872%
94	22.609	3331	3336	3342	rBV	1152434	1513044	53.56%	4.751%
95	22.885	3379	3383	3386	rBV	553790	817575	28.94%	2.567%
96	22.938	3388	3392	3403	rVB	1202883	2499766	88.50%	7.849%
97	23.456	3475	3480	3484	rBV2	551288	942163	33.35%	2.958%
98	23.597	3498	3504	3519	rVB	1389591	2751936	97.42%	8.640%
99	23.780	3531	3535	3541	rVB2	303720	499557	17.69%	1.568%
100	24.109	3586	3591	3600	rVB	809265	1476849	52.28%	4.637%

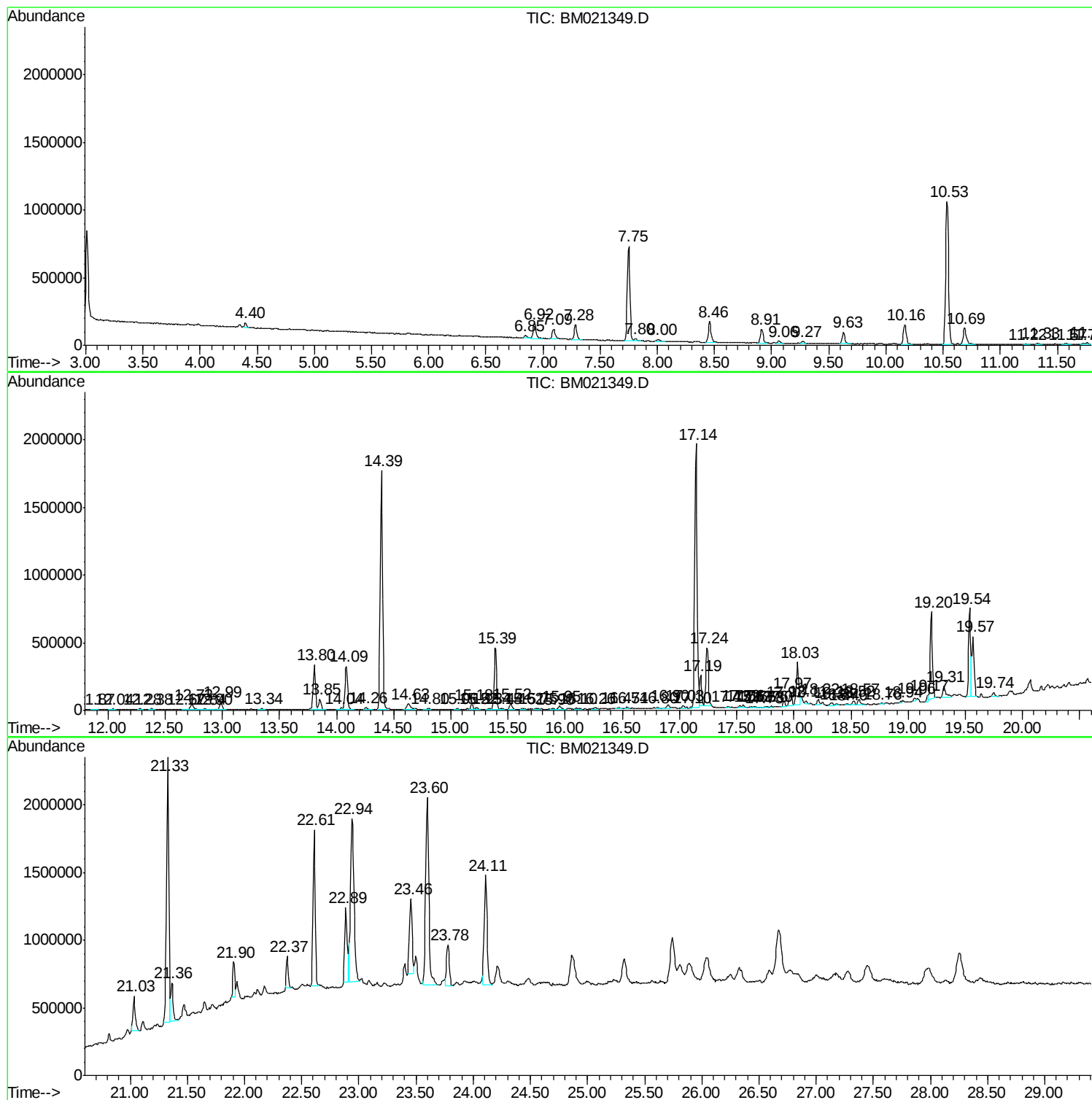
Sum of corrected areas: 31849666

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Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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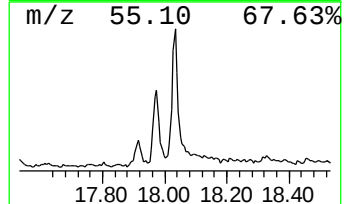
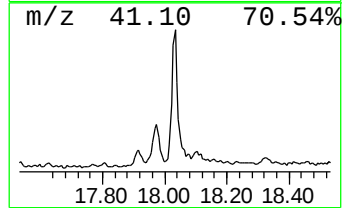
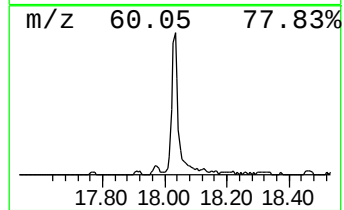
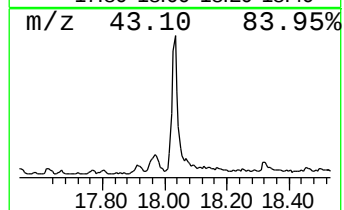
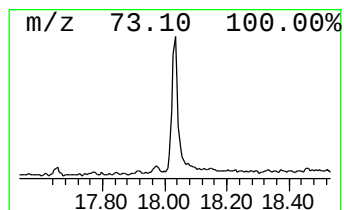
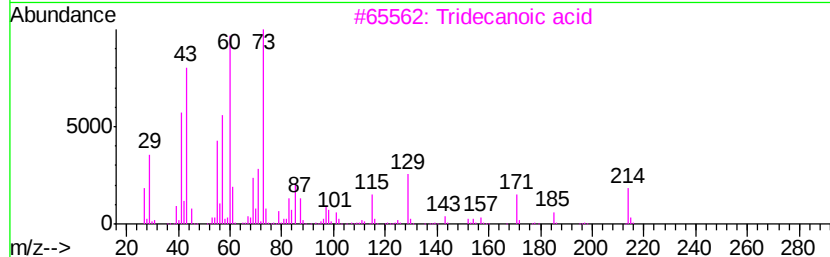
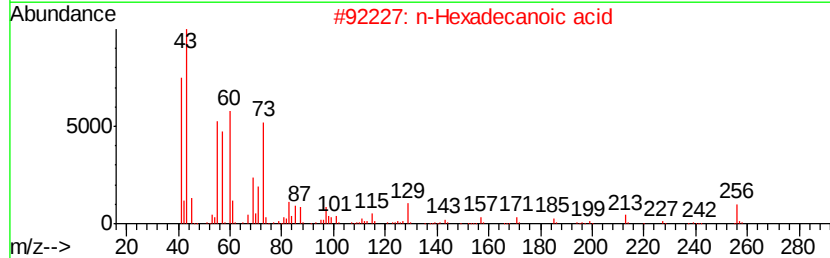
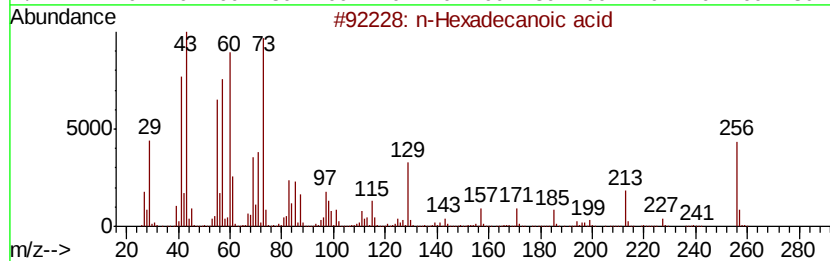
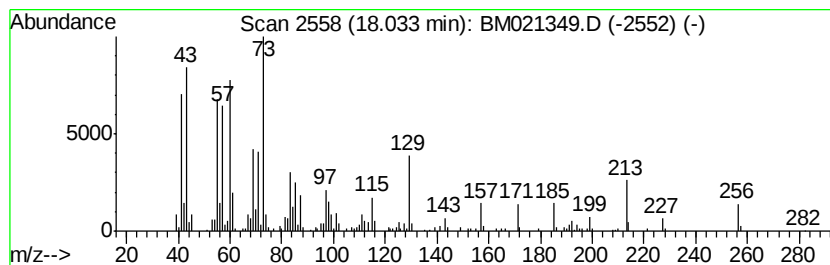
Instrument :
BNA_M
ClientSampleId :
C5BE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.03	3.23 ng/ul	449199	Phenanthrene-d10		17.14		
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	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	93
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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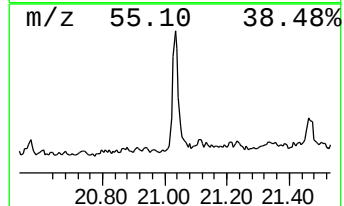
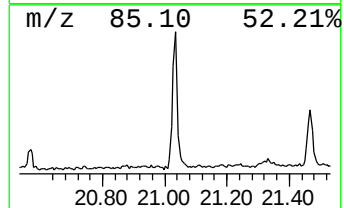
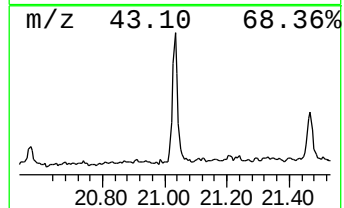
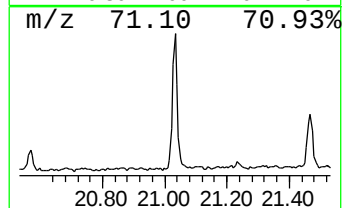
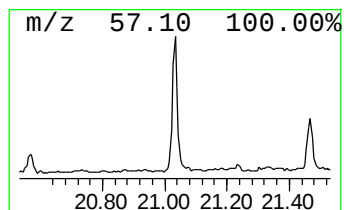
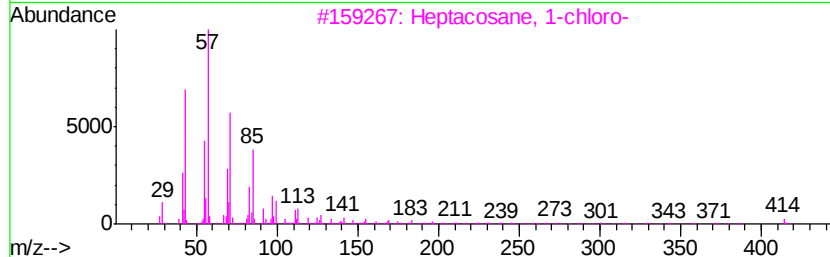
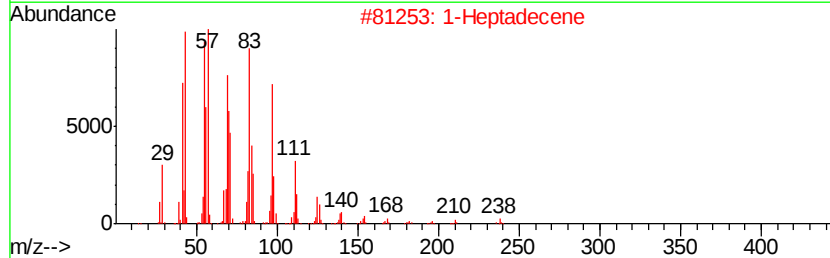
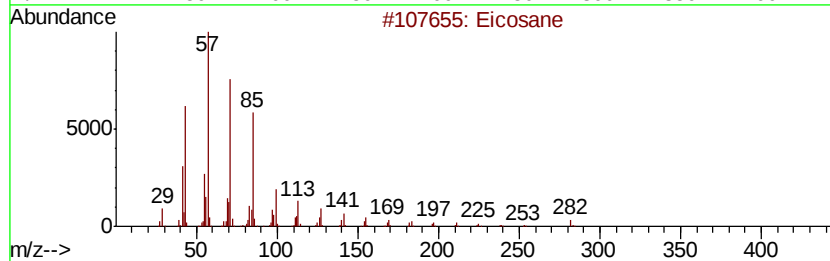
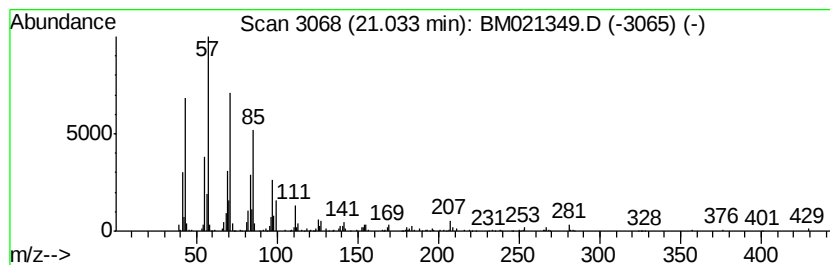
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.42 ng/ul	341310	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		1-Heptadecene	238	C17H34	006765-39-5	84
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4		Nonadecane	268	C19H40	000629-92-5	68
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	60



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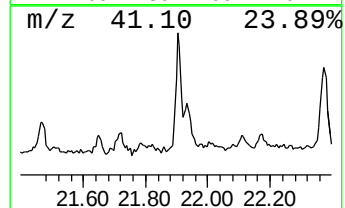
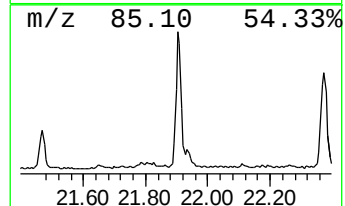
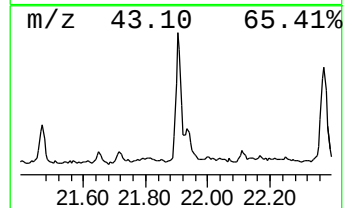
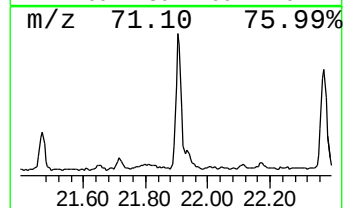
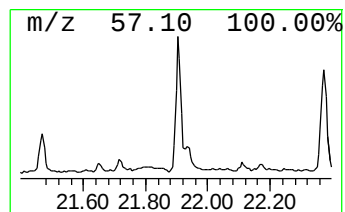
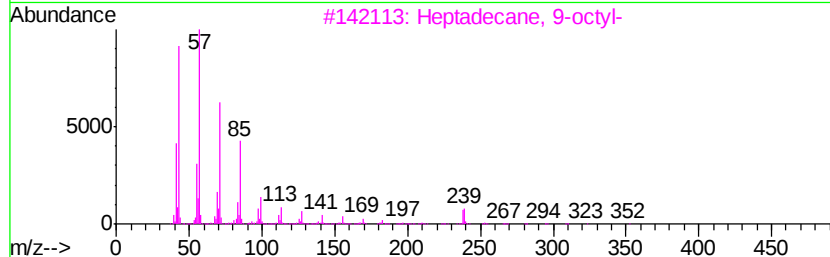
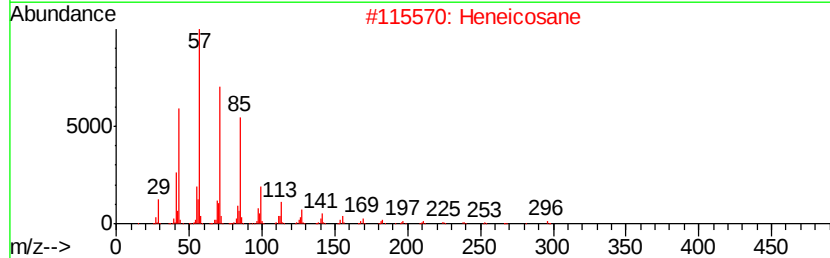
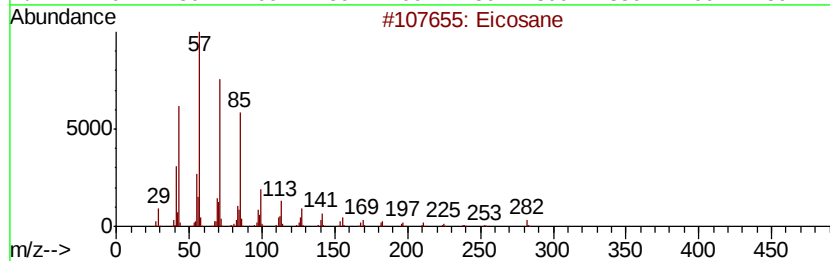
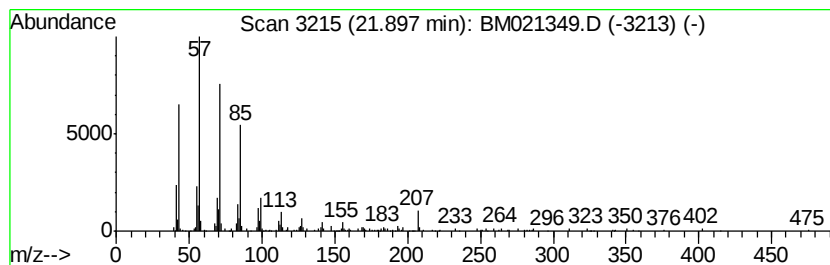
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.07 ng/ul	292802	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021349.D
Acq On : 02 Jul 2019 18:48
Operator : HP/JU
Sample : K3594-10
Misc :
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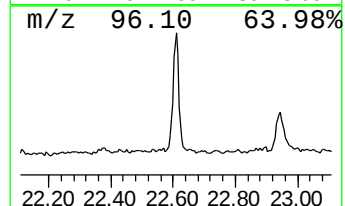
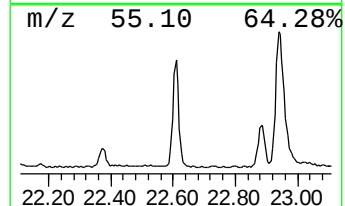
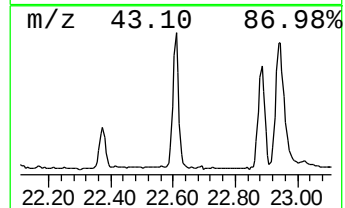
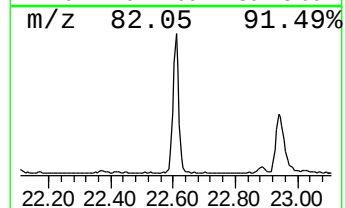
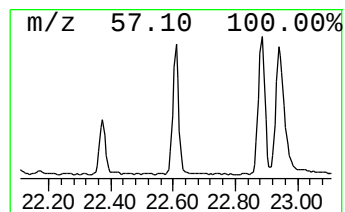
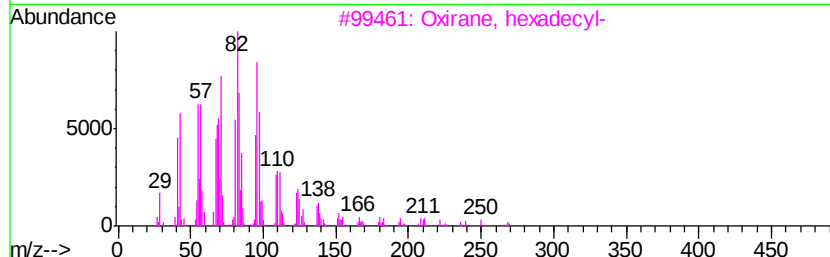
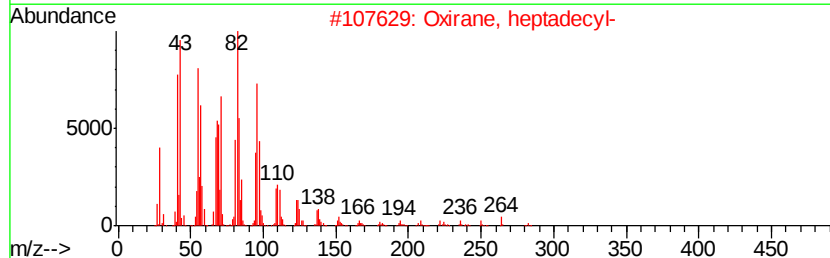
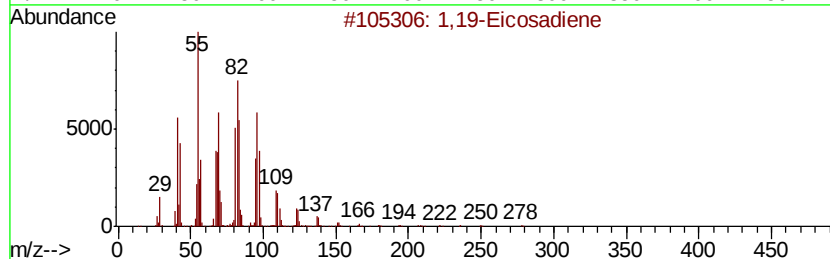
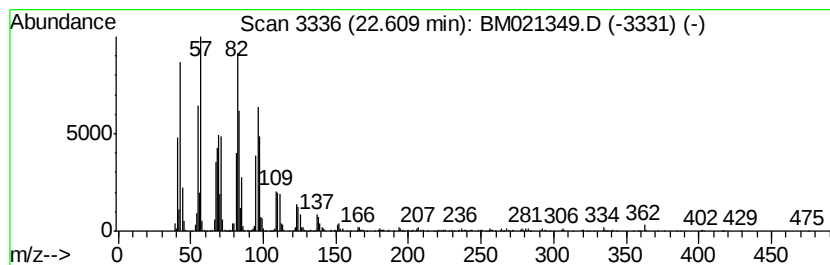
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,19-Eicosadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	11.00 ng/ul	1513040	Perylene-d12	23.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene		278 C20H38	014811-95-1 93
2	Oxirane, heptadecyl-		282 C19H38O	067860-04-2 93
3	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 91
4	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 91
5	Octadecanal		268 C18H36O	000638-66-4 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021349.D
Acq On : 02 Jul 2019 18:48
Operator : HP/JU
Sample : K3594-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BE1

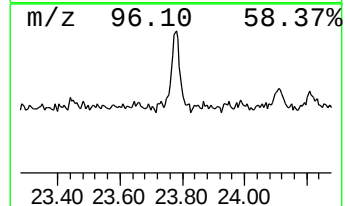
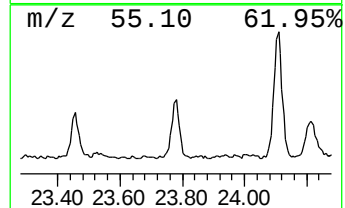
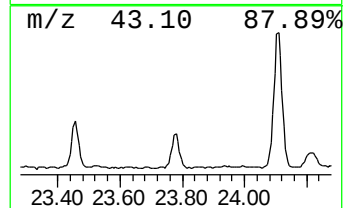
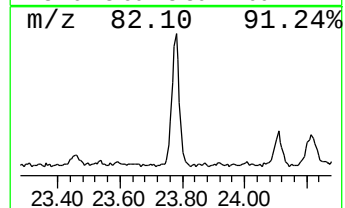
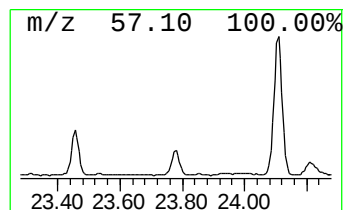
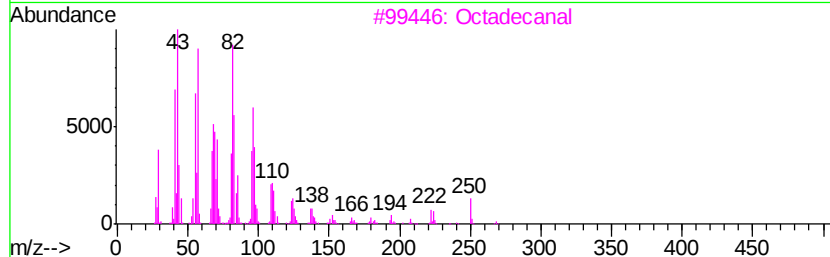
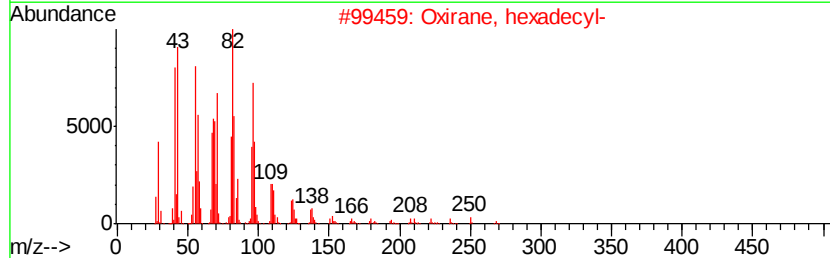
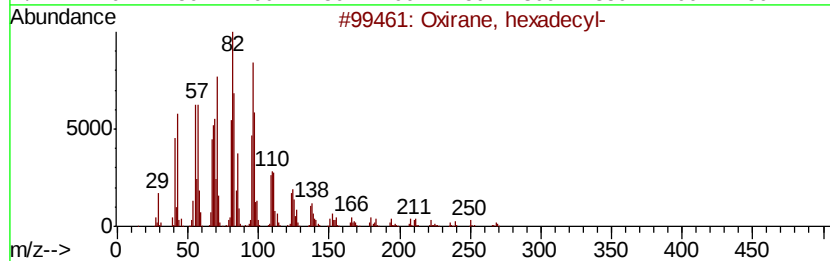
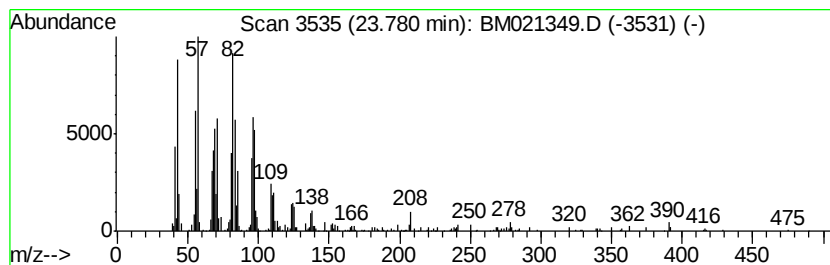
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	3.63 ng/ul	499557	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3			Octadecanal	268	C18H36O	000638-66-4	91
4			1,19-Eicosadiene	278	C20H38	014811-95-1	90
5			Octadecanal	268	C18H36O	000638-66-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021349.D
Acq On : 02 Jul 2019 18:48
Operator : HP/JU
Sample : K3594-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BE1

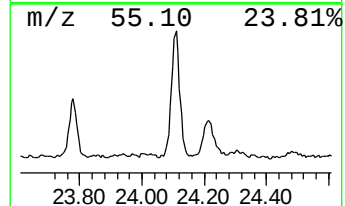
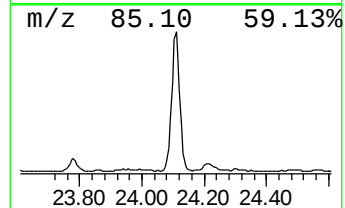
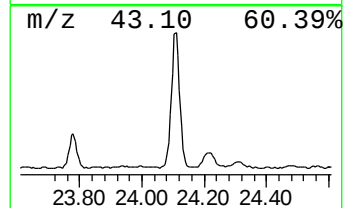
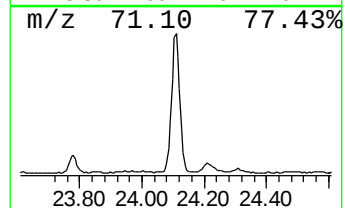
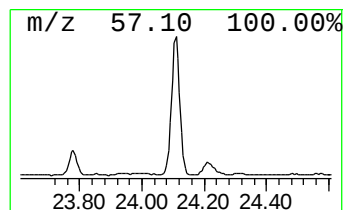
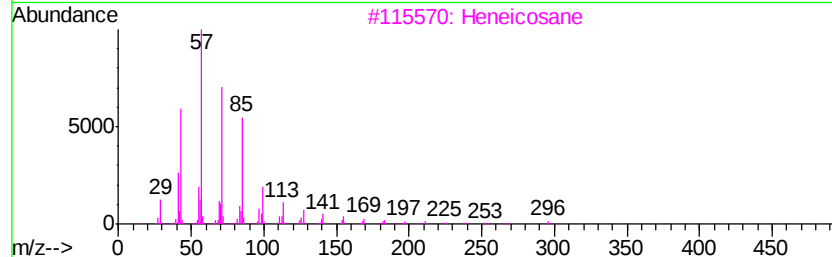
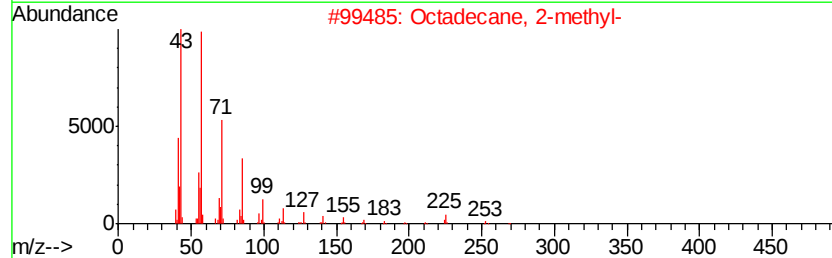
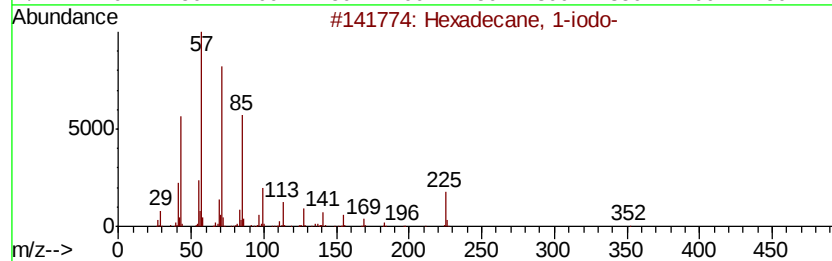
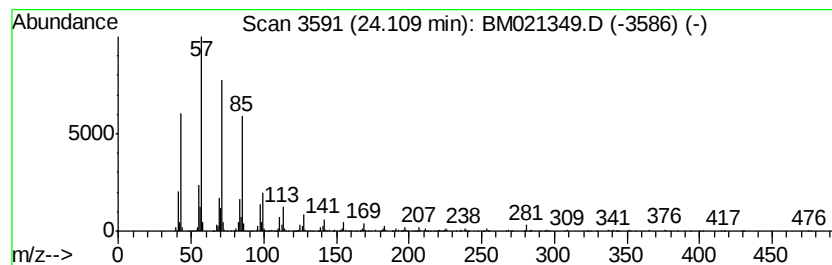
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	10.73 ng/ul	1476850	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
Data File : BM021349.D
Acq On : 02 Jul 2019 18:48
Operator : HP/JU
Sample : K3594-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	18.03	3.2	ng/ul	449199	4	17.14	2782890	20.0
(DEL) Alkane: Str...	21.03	2.4	ng/ul	341310	5	21.33	2824720	20.0
(DEL) Alkane: Str...	21.90	2.1	ng/ul	292802	5	21.33	2824720	20.0
1,19-Eicosadiene	22.61	11.0	ng/ul	1513040	6	23.60	2751940	20.0
Oxirane, hexadecyl-	23.78	3.6	ng/ul	499557	6	23.60	2751940	20.0
Hexadecane, 1-iodo-	24.11	10.7	ng/ul	1476850	6	23.60	2751940	20.0