

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009456.D
 Acq On : 28 Jan 2020 18:13
 Operator : CG/JU
 Sample : L1270-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT09

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-BN012220MA.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	3.087	13	17	22	rBV	47740	67873	1.51%	0.148%
2	3.693	116	120	126	rVB2	20281	31309	0.69%	0.068%
3	3.781	131	135	139	rVB3	11650	16220	0.36%	0.035%
4	3.899	152	155	159	rVB2	8654	10434	0.23%	0.023%
5	6.658	617	624	634	rBV2	230492	415054	9.20%	0.907%
6	6.810	644	650	663	rBV	664161	1050061	23.28%	2.296%
7	6.999	675	682	697	rVV	779046	1222162	27.10%	2.672%
8	7.110	697	701	707	rVB6	5247	7488	0.17%	0.016%
9	7.458	752	760	768	rBV	669290	1029940	22.84%	2.252%
10	7.552	772	776	780	rVB5	6649	11161	0.25%	0.024%
11	7.810	817	820	825	rVB4	3880	5965	0.13%	0.013%
12	8.099	865	869	872	rBV5	3621	5799	0.13%	0.013%
13	8.169	875	881	889	rVV	598509	929949	20.62%	2.033%
14	8.599	946	954	964	rBV	903371	1455714	32.28%	3.182%
15	8.687	964	969	973	rVV3	13348	19427	0.43%	0.042%
16	8.846	991	996	1001	rBV	38915	50989	1.13%	0.111%
17	9.004	1019	1023	1026	rBV5	5604	7526	0.17%	0.016%
18	9.057	1028	1032	1037	rVB6	7215	11686	0.26%	0.026%
19	9.310	1068	1075	1085	rBV	746769	1227701	27.22%	2.684%
20	9.775	1149	1154	1159	rBV8	4382	10023	0.22%	0.022%
21	9.846	1159	1166	1179	rVV	978099	1663887	36.90%	3.638%
22	10.210	1220	1228	1237	rBV	946733	1509421	33.47%	3.300%
23	10.363	1245	1254	1265	rBV3	48202	102226	2.27%	0.223%
24	10.846	1329	1336	1340	rBV2	13696	21696	0.48%	0.047%
25	10.999	1355	1362	1366	rBV	13002	21867	0.48%	0.048%
26	11.081	1368	1376	1380	rVB3	18495	33573	0.74%	0.073%
27	11.263	1402	1407	1410	rBV5	6422	10034	0.22%	0.022%
28	11.298	1410	1413	1417	rVB5	4219	5337	0.12%	0.012%
29	11.404	1427	1431	1434	rVB5	4286	5387	0.12%	0.012%
30	11.493	1439	1446	1453	rVV3	21379	37630	0.83%	0.082%
31	11.669	1469	1476	1482	rBV3	22013	35885	0.80%	0.078%
32	11.810	1495	1500	1504	rBV	17583	25738	0.57%	0.056%
33	11.887	1509	1513	1515	rBV5	4876	6716	0.15%	0.015%
34	12.146	1553	1557	1562	rVB5	4009	7719	0.17%	0.017%

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35	12.387	1595	1598	1602	rVB4	3263	5445	0.12%	0.012%
36	12.498	1612	1617	1620	rBV5	3944	6501	0.14%	0.014%
37	12.640	1636	1641	1648	rVB	21634	36851	0.82%	0.081%
38	12.698	1648	1651	1656	rVB4	4871	7381	0.16%	0.016%
39	12.940	1686	1692	1698	rBV	23769	34088	0.76%	0.075%
40	13.010	1701	1704	1706	rVV3	5631	7368	0.16%	0.016%
41	13.028	1706	1707	1711	rVB4	5703	6188	0.14%	0.014%
42	13.404	1768	1771	1774	rVV4	4834	5778	0.13%	0.013%
43	13.516	1784	1790	1795	rBV	1739517	2381426	52.81%	5.206%
44	13.563	1795	1798	1803	rVB	82656	114775	2.55%	0.251%
45	13.669	1809	1816	1821	rVB6	16240	31544	0.70%	0.069%
46	13.781	1829	1835	1849	rVV	2023103	2940489	65.20%	6.428%
47	14.028	1872	1877	1882	rVV3	23647	34497	0.76%	0.075%
48	14.092	1882	1888	1897	rVB2	1287446	1866663	41.39%	4.081%
49	14.198	1903	1906	1909	rVB3	4562	6436	0.14%	0.014%
50	14.328	1920	1928	1942	rBV2	148060	356857	7.91%	0.780%
51	14.551	1962	1966	1970	rVB5	10425	16127	0.36%	0.035%
52	14.651	1980	1983	1988	rVB4	6159	9035	0.20%	0.020%
53	14.710	1988	1993	1994	rBV4	6050	6216	0.14%	0.014%
54	14.987	2036	2040	2045	rVB4	23711	31282	0.69%	0.068%
55	15.098	2049	2059	2069	rBV	2557360	3508123	77.79%	7.669%
56	15.234	2077	2082	2093	rBV	914945	1281937	28.43%	2.803%
57	15.334	2095	2099	2104	rVB4	26461	38709	0.86%	0.085%
58	15.486	2121	2125	2129	rVB5	6689	9233	0.20%	0.020%
59	15.675	2154	2157	2160	rBV4	3897	5688	0.13%	0.012%
60	15.857	2184	2188	2190	rBV4	17191	21241	0.47%	0.046%
61	15.881	2190	2192	2196	rVB4	15093	17041	0.38%	0.037%
62	16.110	2225	2231	2234	rVB5	7258	12075	0.27%	0.026%
63	16.204	2243	2247	2249	rBV5	5673	8764	0.19%	0.019%
64	16.257	2252	2256	2257	rBV3	6890	8035	0.18%	0.018%
65	16.310	2264	2265	2270	rBV5	4035	6733	0.15%	0.015%
66	16.433	2282	2286	2287	rBV3	4758	6675	0.15%	0.015%
67	16.469	2287	2292	2296	rVB	30564	38883	0.86%	0.085%
68	16.528	2300	2302	2310	rVB8	6898	10245	0.23%	0.022%
69	16.645	2318	2322	2328	rVV5	18820	31701	0.70%	0.069%
70	16.692	2328	2330	2336	rVB5	5669	9598	0.21%	0.021%
71	16.845	2350	2356	2362	rBV	1481744	2034052	45.10%	4.447%

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72	16.892	2362	2364	2367	rVV2	15916	16502	0.37%	0.036%
73	16.945	2367	2373	2383	rVB	2990219	4061761	90.07%	8.880%
74	17.069	2390	2394	2397	rVB3	24818	28211	0.63%	0.062%
75	17.122	2399	2403	2409	rVV7	18486	30709	0.68%	0.067%
76	17.169	2409	2411	2415	rVV5	6357	9334	0.21%	0.020%
77	17.233	2418	2422	2424	rVB5	5917	6643	0.15%	0.015%
78	17.381	2443	2447	2452	rBV2	14325	22846	0.51%	0.050%
79	17.569	2471	2479	2485	rBV2	17167	40595	0.90%	0.089%
80	17.657	2491	2494	2499	rBV6	10405	16204	0.36%	0.035%
81	17.716	2500	2504	2507	rBV6	10433	15894	0.35%	0.035%
82	17.775	2510	2514	2520	rBV2	165505	238448	5.29%	0.521%
83	18.063	2559	2563	2564	rBV4	28015	26809	0.59%	0.059%
84	18.333	2606	2609	2614	rBV7	8472	16506	0.37%	0.036%
85	18.510	2637	2639	2640	rBV2	7211	5524	0.12%	0.012%
86	18.586	2649	2652	2654	rBV4	15765	16772	0.37%	0.037%
87	18.704	2668	2672	2676	rBV7	23699	46711	1.04%	0.102%
88	18.886	2699	2703	2706	rBV	45422	58490	1.30%	0.128%
89	19.069	2730	2734	2739	rBV7	55415	89634	1.99%	0.196%
90	19.139	2742	2746	2752	rVV	39563	64130	1.42%	0.140%
91	19.251	2757	2765	2773	rBV2	3256264	4509759	100.00%	9.859%
92	20.798	3025	3028	3035	rBV2	520604	680868	15.10%	1.489%
93	21.057	3067	3072	3077	rBV	1618379	2038462	45.20%	4.456%
94	21.669	3173	3176	3181	rBV2	153136	201919	4.48%	0.441%
95	22.104	3247	3250	3255	rVB	207854	242990	5.39%	0.531%
96	22.580	3328	3331	3336	rVB	296063	407676	9.04%	0.891%
97	23.045	3404	3410	3416	rVB	2455764	3993955	88.56%	8.732%
98	23.110	3417	3421	3426	rVV	307392	436636	9.68%	0.955%
99	23.174	3427	3432	3441	rVB2	1134890	1937142	42.95%	4.235%
100	23.704	3518	3522	3528	rVB	281399	453241	10.05%	0.991%

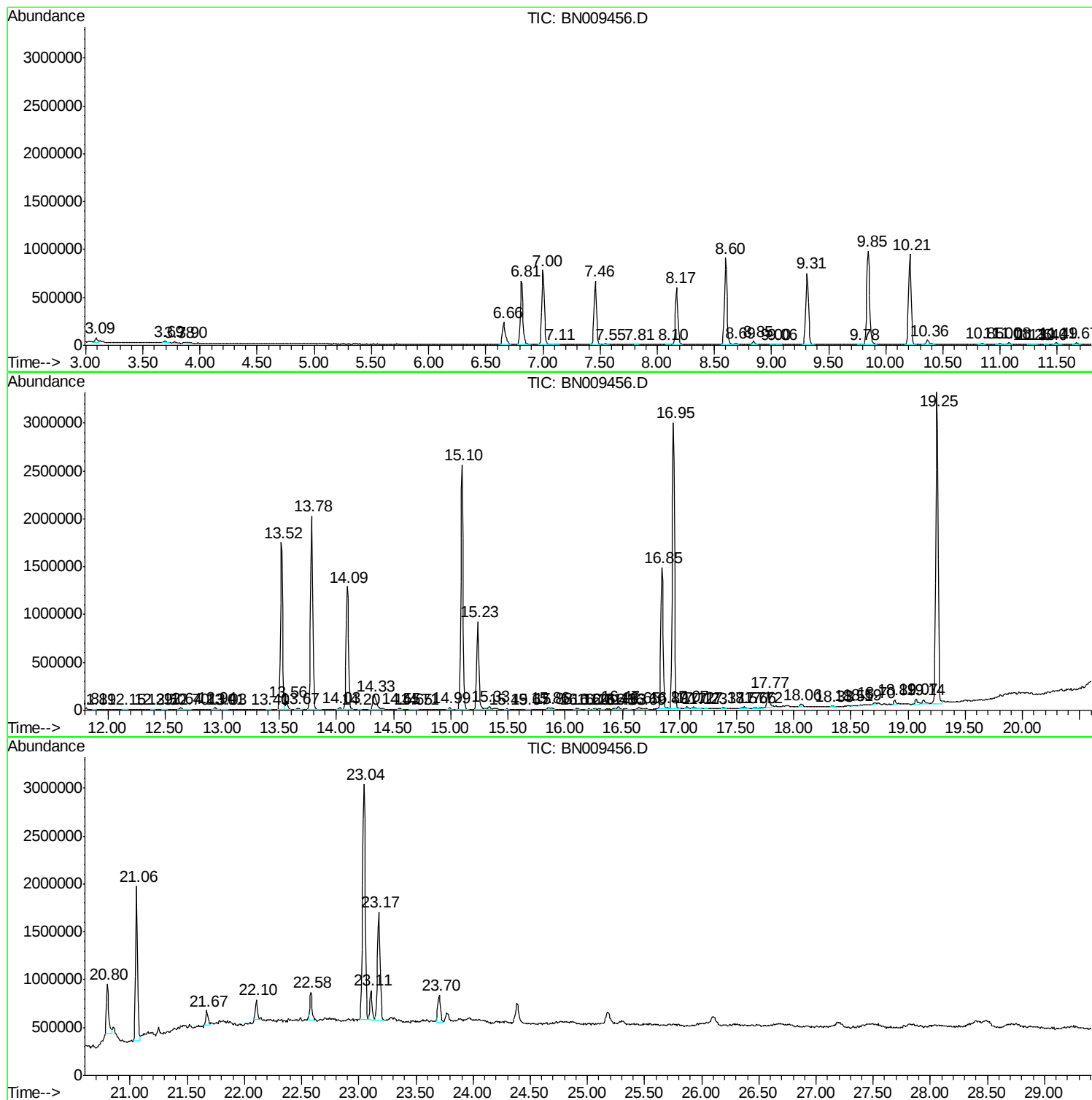
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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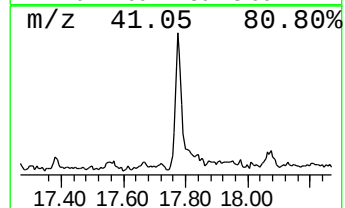
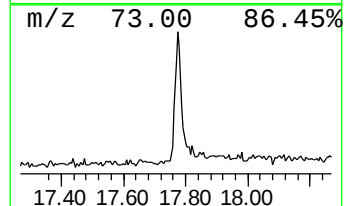
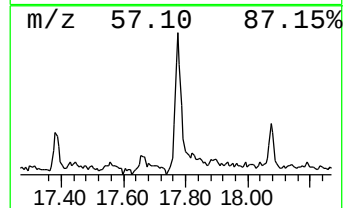
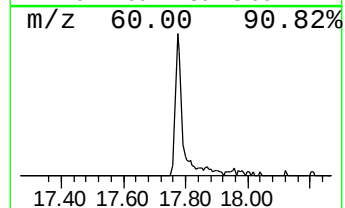
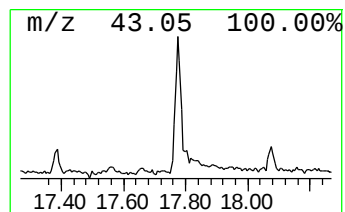
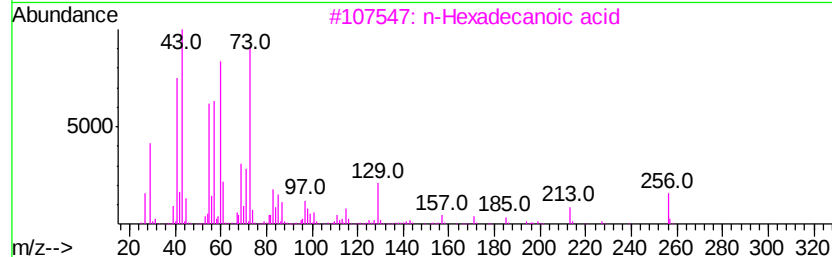
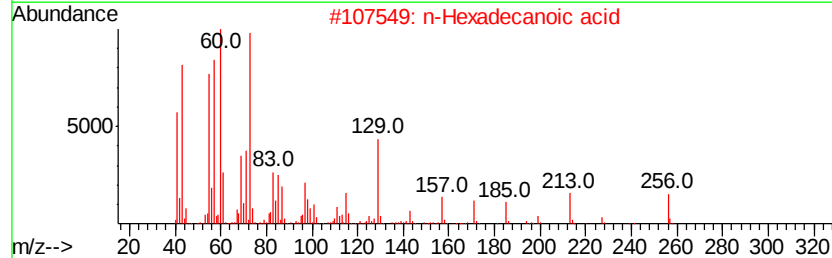
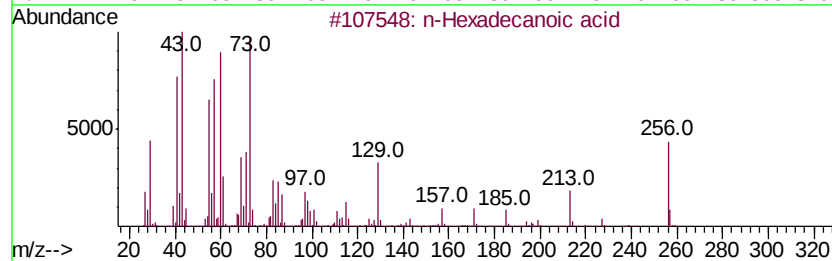
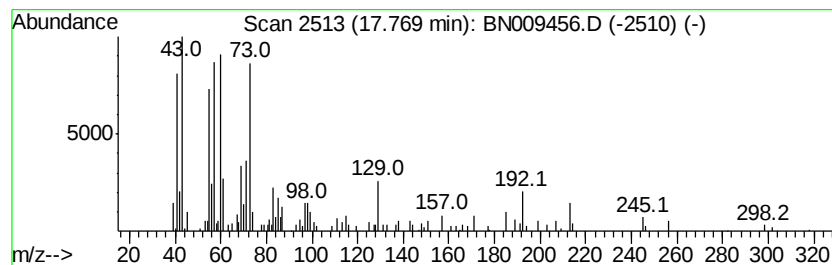
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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.
17.77	2.34 ng/ul	238448	Phenanthrene-d10	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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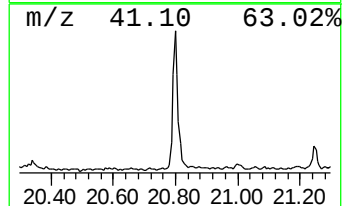
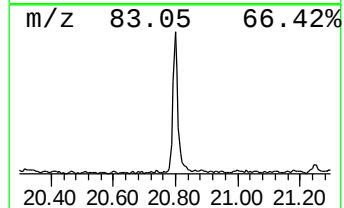
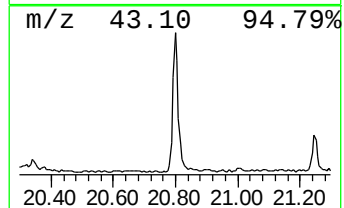
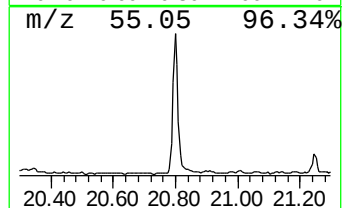
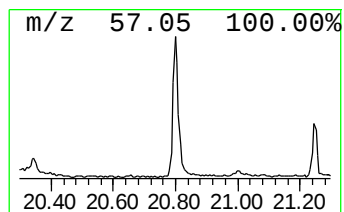
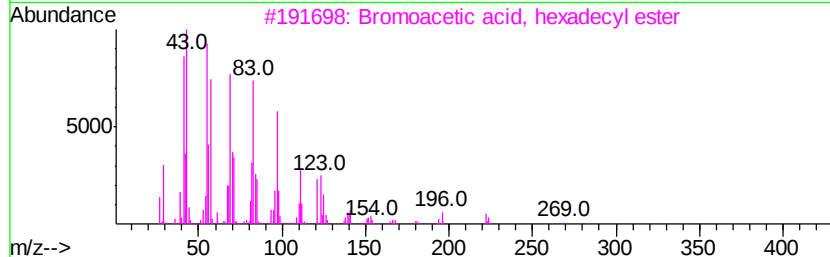
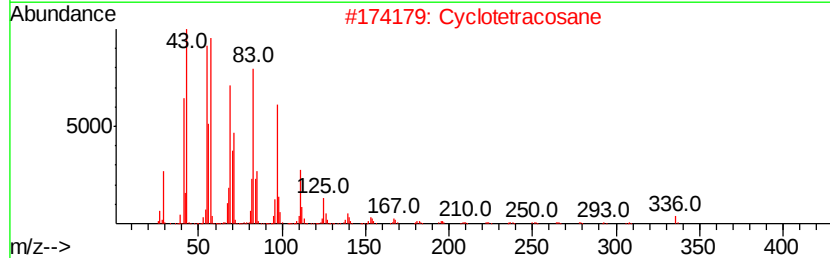
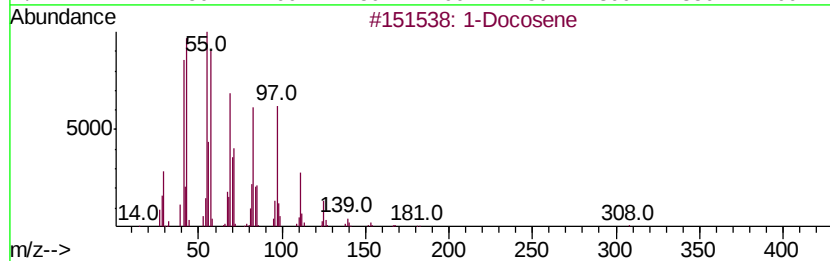
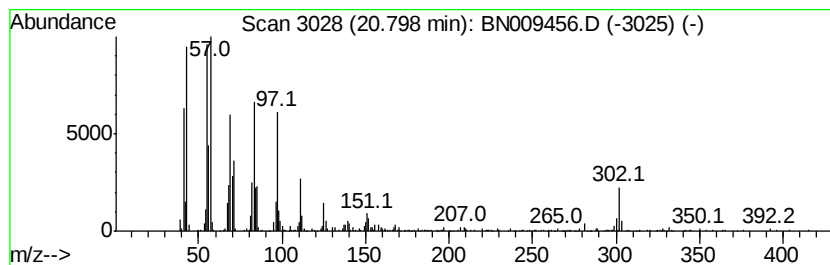
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.80	6.68 ng/ul	680868	Chrysene-d12	21.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Cyclotetracosane	336	C24H48	000297-03-0	87
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	1-Tricosene	322	C23H46	018835-32-0	87



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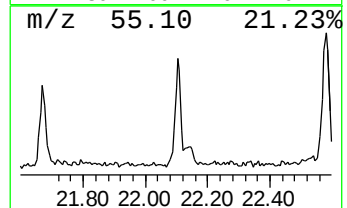
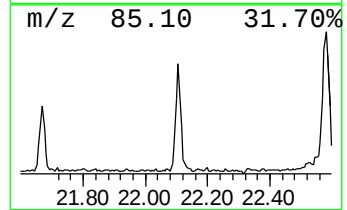
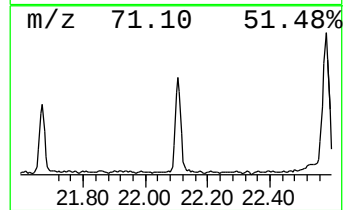
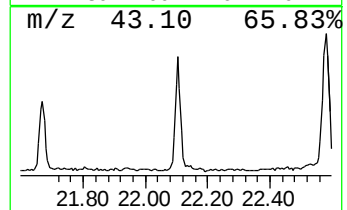
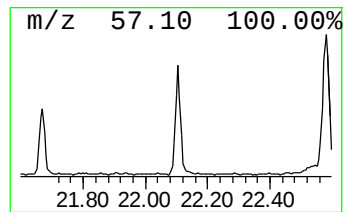
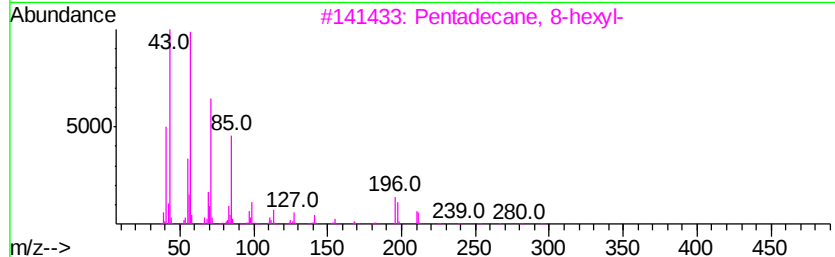
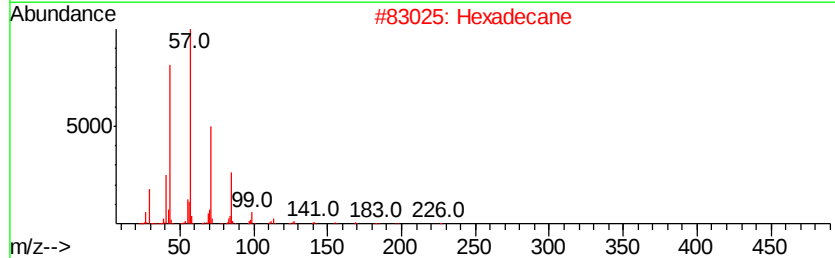
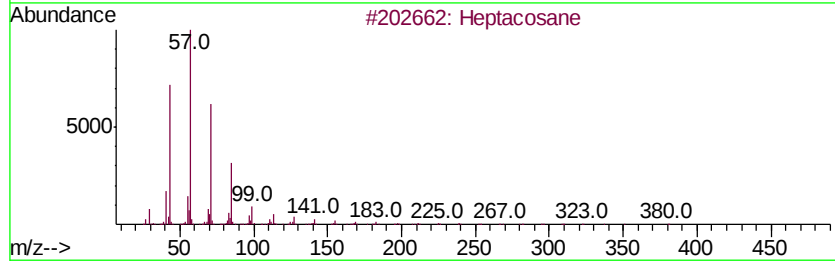
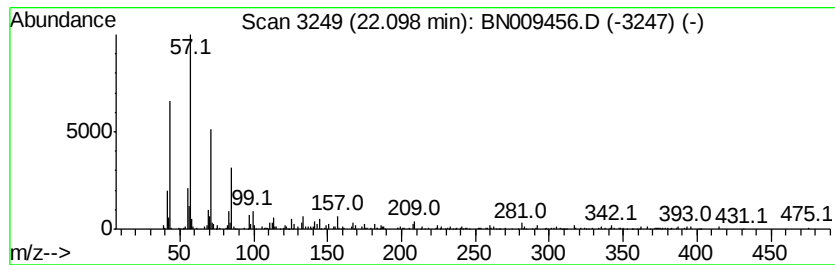
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.38 ng/ul	242990	Chrysene-d12	21.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	89
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009456.D
Acq On : 28 Jan 2020 18:13
Operator : CG/JU
Sample : L1270-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT09

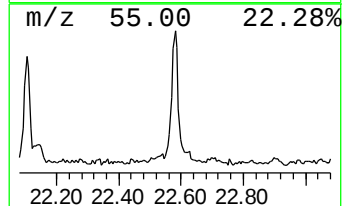
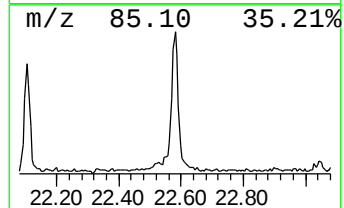
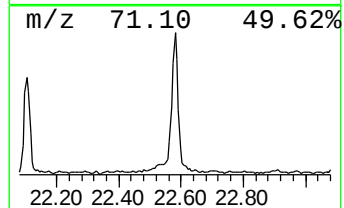
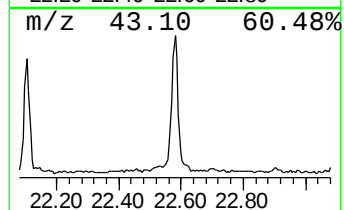
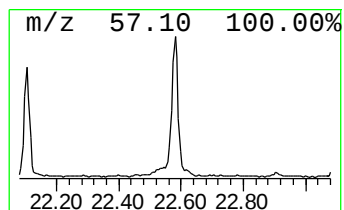
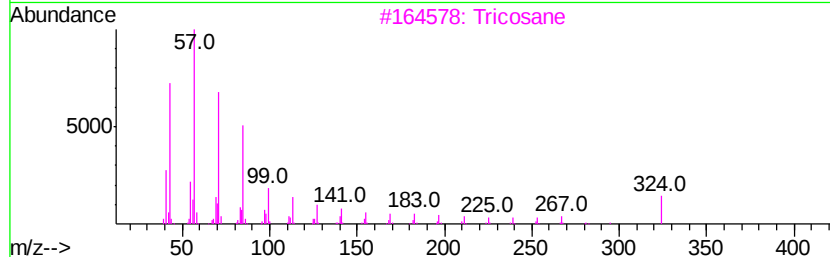
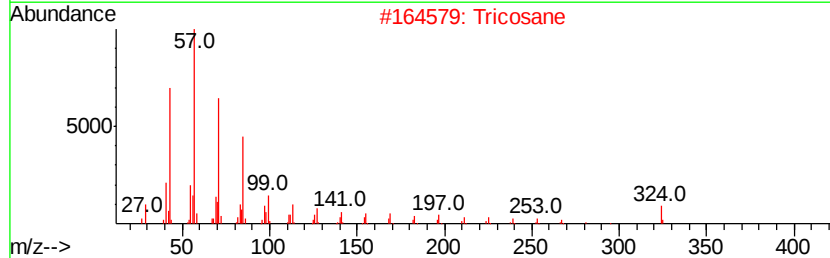
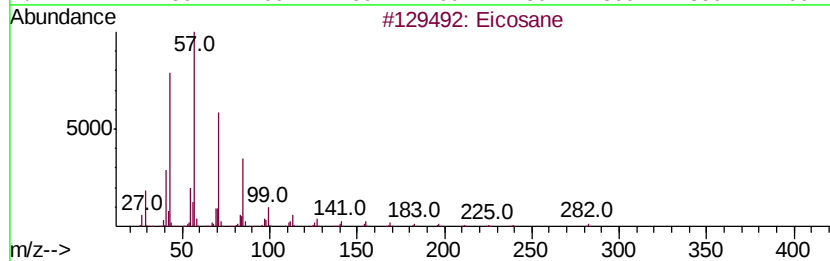
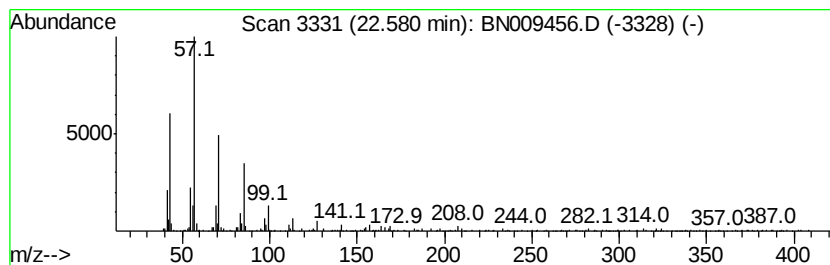
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Quant Title : SVOA CALIBRATION

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.
22.58	4.21 ng/ul	407676	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Tricosane	324	C23H48	000638-67-5	91
3			Tricosane	324	C23H48	000638-67-5	91
4			Docosane	310	C22H46	000629-97-0	87
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009456.D
Acq On : 28 Jan 2020 18:13
Operator : CG/JU
Sample : L1270-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT09

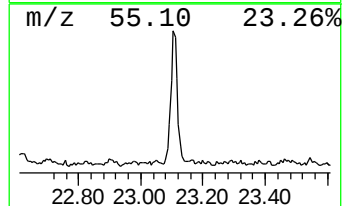
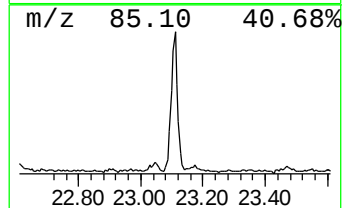
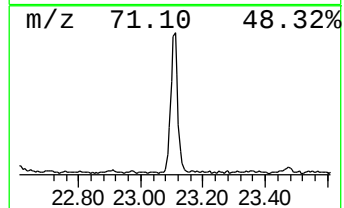
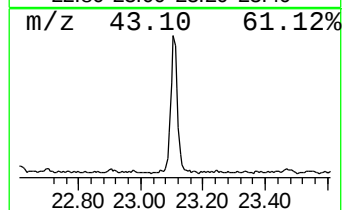
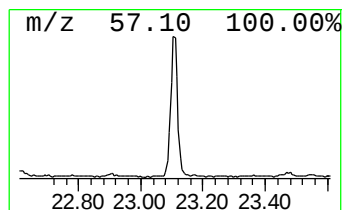
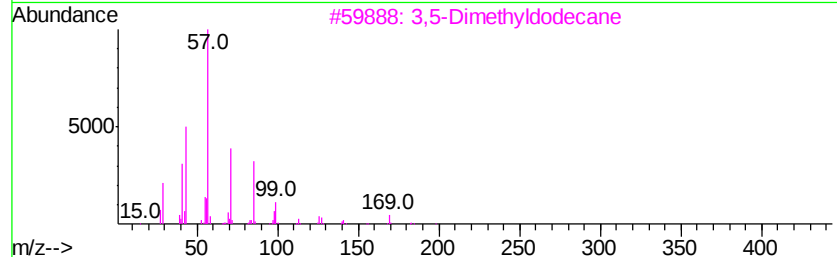
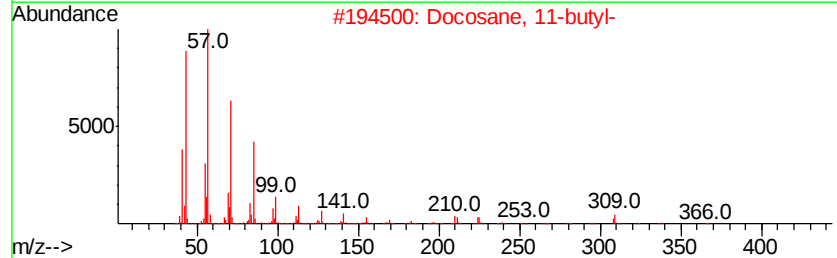
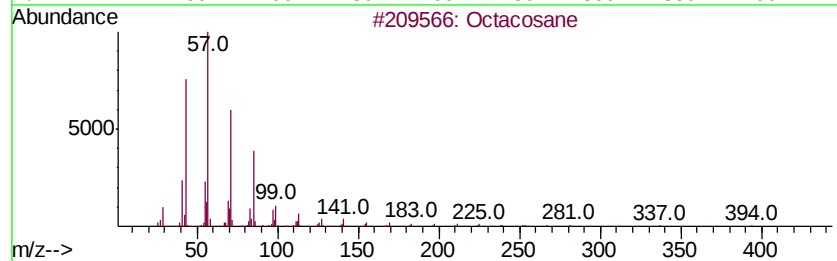
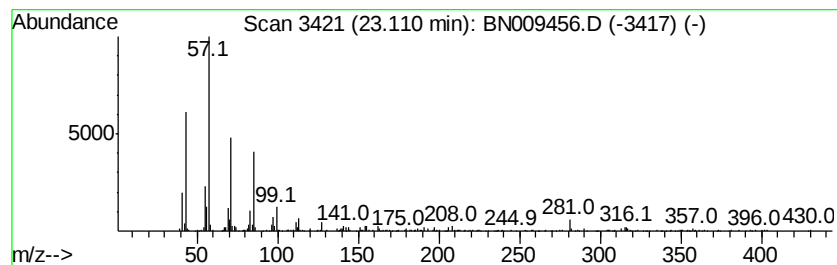
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Quant Title : SVOA CALIBRATION

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.
23.11	4.51 ng/ul	436636	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
4		Eicosane	282	C20H42	000112-95-8	70
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009456.D
Acq On : 28 Jan 2020 18:13
Operator : CG/JU
Sample : L1270-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT09

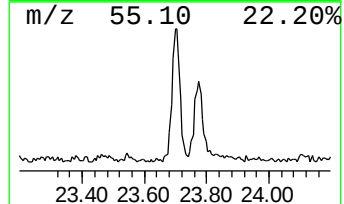
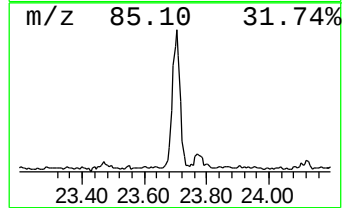
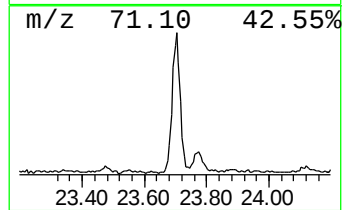
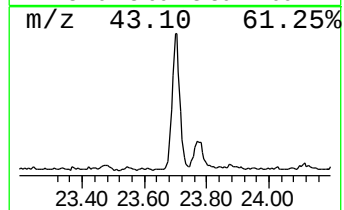
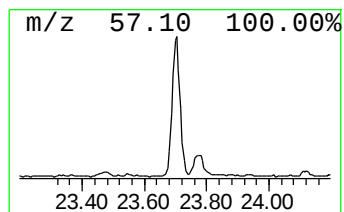
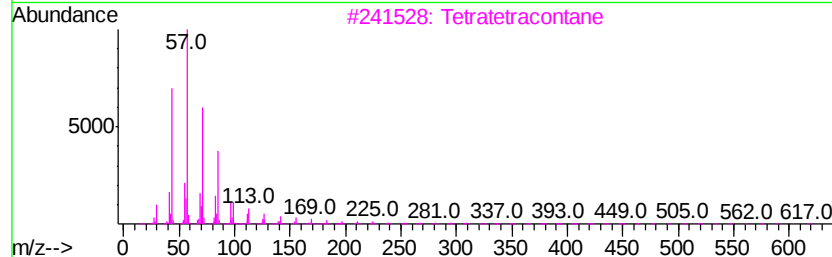
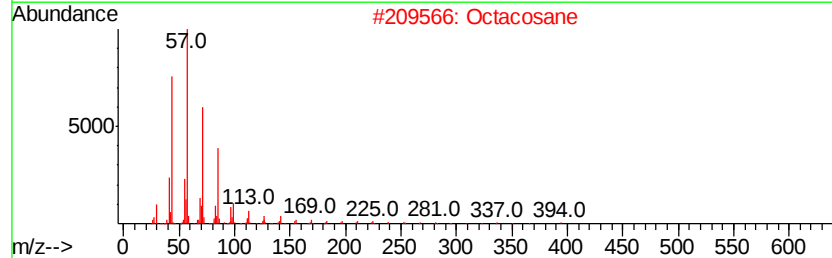
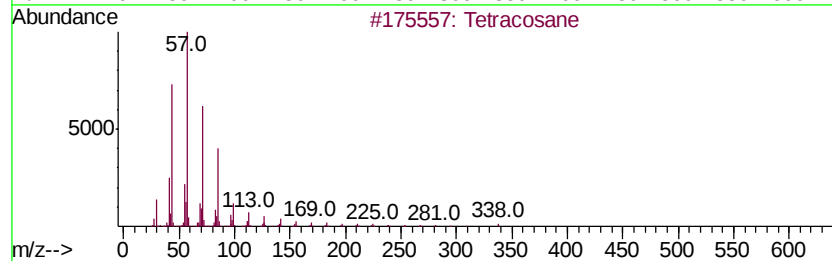
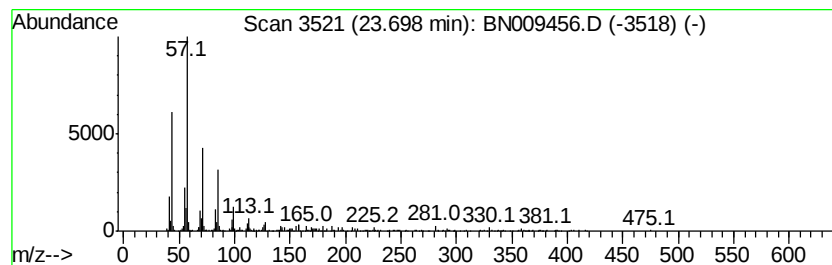
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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.
23.70	4.68 ng/ul	453241	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	89
2			Octacosane	394	C28H58	000630-02-4	87
3			Tetratetracontane	619	C44H90	007098-22-8	83
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5			Tetracosane	338	C24H50	000646-31-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009456.D
Acq On : 28 Jan 2020 18:13
Operator : CG/JU
Sample : L1270-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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	17.77	2.3	ng/ul	238448	4	16.85	2034050	20.0
(DEL) Alkane: Cyc...	20.80	6.7	ng/ul	680868	5	21.06	2038460	20.0
(DEL) Alkane: Str...	22.10	2.4	ng/ul	242990	5	21.06	2038460	20.0
(DEL) Alkane: Str...	22.58	4.2	ng/ul	407676	6	23.17	1937140	20.0
(DEL) Alkane: Str...	23.11	4.5	ng/ul	436636	6	23.17	1937140	20.0
(DEL) Alkane: Str...	23.70	4.7	ng/ul	453241	6	23.17	1937140	20.0