

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024132.D
 Acq On : 17 Dec 2019 21:34
 Operator : JU
 Sample : K6132-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQR4

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-BM121719MA.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	3.011	18	21	37	rVB	82626	161913	1.65%	0.146%
2	3.346	74	78	86	rVB2	26166	47318	0.48%	0.043%
3	3.516	104	107	110	rBV3	16537	21117	0.21%	0.019%
4	3.705	136	139	145	rVB2	20789	33659	0.34%	0.030%
5	5.557	453	454	459	rVB5	9998	9936	0.10%	0.009%
6	6.522	613	618	625	rBV2	30761	67948	0.69%	0.061%
7	6.651	632	640	654	rBV2	343737	682417	6.93%	0.617%
8	6.804	658	666	683	rBV	1036348	1757159	17.85%	1.589%
9	6.993	691	698	711	rVB	1162726	1939655	19.71%	1.754%
10	7.451	767	776	787	rBV	1567719	2521353	25.62%	2.280%
11	7.540	787	791	795	rVB5	9240	13801	0.14%	0.012%
12	7.775	826	831	837	rVB8	5413	10030	0.10%	0.009%
13	8.075	879	882	884	rBV3	11714	14269	0.14%	0.013%
14	8.175	892	899	910	rBV	1076801	1787690	18.16%	1.617%
15	8.351	923	929	940	rVB5	25444	61532	0.63%	0.056%
16	8.445	940	945	953	rBV8	13729	26280	0.27%	0.024%
17	8.557	957	964	966	rBV5	20094	36327	0.37%	0.033%
18	8.604	966	972	990	rVB	1359400	2265985	23.02%	2.049%
19	8.763	994	999	1005	rBV2	49056	91869	0.93%	0.083%
20	8.881	1017	1019	1026	rVB8	11779	16316	0.17%	0.015%
21	8.951	1026	1031	1035	rBV6	5590	10734	0.11%	0.010%
22	9.010	1035	1041	1043	rBV7	7092	13228	0.13%	0.012%
23	9.045	1043	1047	1048	rBV	12510	13972	0.14%	0.013%
24	9.081	1048	1053	1057	rVB	104781	155796	1.58%	0.141%
25	9.322	1086	1094	1110	rBV	1124363	1953969	19.85%	1.767%
26	9.528	1122	1129	1137	rBV8	16337	45385	0.46%	0.041%
27	9.598	1137	1141	1146	rVV4	22435	42327	0.43%	0.038%
28	9.651	1146	1150	1155	rVB6	17903	32168	0.33%	0.029%
29	9.751	1161	1167	1172	rBV6	17961	39699	0.40%	0.036%
30	9.857	1178	1185	1196	rBV2	2224707	3881031	39.43%	3.510%
31	9.934	1196	1198	1205	rVB6	35796	59416	0.60%	0.054%
32	10.075	1218	1222	1225	rBV6	9668	14399	0.15%	0.013%
33	10.222	1239	1247	1265	rVB	2493300	4186874	42.54%	3.786%
34	10.375	1265	1273	1290	rBV	490421	1041293	10.58%	0.942%

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35	10.534	1298	1300	1308	rVB9	11345	21015	0.21%	0.019%
36	10.651	1314	1320	1329	rBV2	38051	93632	0.95%	0.085%
37	10.886	1356	1360	1365	rVB3	20338	34095	0.35%	0.031%
38	11.063	1382	1390	1392	rBV4	35294	74691	0.76%	0.068%
39	11.345	1434	1438	1439	rBV4	7825	10072	0.10%	0.009%
40	11.592	1477	1480	1485	rBV7	8452	11785	0.12%	0.011%
41	11.763	1504	1509	1513	rVV7	19188	35689	0.36%	0.032%
42	11.828	1513	1520	1534	rVB4	52823	147896	1.50%	0.134%
43	11.933	1534	1538	1539	rBV3	11361	10347	0.11%	0.009%
44	11.969	1539	1544	1554	rVB10	21686	46253	0.47%	0.042%
45	12.057	1554	1559	1566	rBV5	30244	71041	0.72%	0.064%
46	12.257	1590	1593	1598	rVB7	15170	24073	0.24%	0.022%
47	12.310	1598	1602	1609	rVB9	14726	27130	0.28%	0.025%
48	12.398	1612	1617	1618	rBV4	19024	26976	0.27%	0.024%
49	12.457	1622	1627	1631	rBV4	36394	64124	0.65%	0.058%
50	12.510	1631	1636	1643	rVB	102430	174465	1.77%	0.158%
51	12.592	1648	1650	1662	rVV	24576	53113	0.54%	0.048%
52	12.716	1662	1671	1676	rVB3	58532	114626	1.16%	0.104%
53	12.910	1701	1704	1707	rBV5	10648	17761	0.18%	0.016%
54	12.963	1709	1713	1719	rVV4	24891	50644	0.51%	0.046%
55	13.022	1721	1723	1727	rVB5	10286	10985	0.11%	0.010%
56	13.169	1744	1748	1750	rBV5	11965	18742	0.19%	0.017%
57	13.204	1750	1754	1758	rVB3	16608	26188	0.27%	0.024%
58	13.304	1767	1771	1775	rBV7	10957	19193	0.20%	0.017%
59	13.539	1804	1811	1815	rBV	3724464	5226054	53.10%	4.726%
60	13.586	1815	1819	1824	rVB	274362	408790	4.15%	0.370%
61	13.657	1829	1831	1837	rVB7	20728	23697	0.24%	0.021%
62	13.704	1837	1839	1842	rBV4	10703	16750	0.17%	0.015%
63	13.798	1849	1855	1863	rBV	4248099	6264611	63.65%	5.665%
64	13.939	1875	1879	1885	rVB	60694	86269	0.88%	0.078%
65	14.110	1902	1908	1915	rBV	3981973	5982918	60.79%	5.410%
66	14.322	1939	1944	1948	rBV	186183	283652	2.88%	0.257%
67	14.369	1948	1952	1958	rVV	263424	498014	5.06%	0.450%
68	14.427	1958	1962	1971	rVV	158172	303407	3.08%	0.274%
69	14.510	1973	1976	1983	rVV5	36270	59765	0.61%	0.054%
70	14.574	1984	1987	1990	rVV5	28751	32666	0.33%	0.030%
71	14.657	1997	2001	2007	rVB4	30548	57560	0.58%	0.052%

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72	14.751	2014	2017	2023	rVB3	60186	87526	0.89%	0.079%
73	14.810	2024	2027	2032	rVB5	39941	58067	0.59%	0.053%
74	14.957	2047	2052	2056	rVB3	28758	55976	0.57%	0.051%
75	15.116	2073	2079	2093	rVB	5952178	8361313	84.96%	7.561%
76	15.263	2098	2104	2115	rBV	1884726	2719566	27.63%	2.459%
77	15.357	2117	2120	2122	rBV	37364	42486	0.43%	0.038%
78	15.669	2169	2173	2178	rBV	126021	179053	1.82%	0.162%
79	16.304	2279	2281	2285	rBV5	34357	44542	0.45%	0.040%
80	16.657	2338	2341	2345	rBV2	48542	74603	0.76%	0.067%
81	16.868	2371	2377	2387	rBV	5284071	7211809	73.28%	6.522%
82	16.968	2388	2394	2406	rVB	6569351	8866380	90.09%	8.018%
83	17.180	2426	2430	2435	rBV	90953	115733	1.18%	0.105%
84	17.798	2530	2535	2543	rBV	1017793	1508853	15.33%	1.364%
85	19.092	2751	2755	2760	rBV	308077	428031	4.35%	0.387%
86	19.274	2781	2786	2792	rBV	7399483	9841653	100.00%	8.900%
87	20.821	3045	3049	3054	rBV	1401382	1624819	16.51%	1.469%
88	21.080	3088	3093	3103	rBV	6199469	7459820	75.80%	6.746%
89	21.262	3121	3124	3130	rBV	346525	373664	3.80%	0.338%
90	21.680	3192	3195	3205	rVB	486039	654695	6.65%	0.592%
91	22.121	3267	3270	3277	rVB	602835	750612	7.63%	0.679%
92	22.597	3348	3351	3357	rVB	640160	870844	8.85%	0.788%
93	23.080	3427	3433	3438	rBV	4659700	7701626	78.26%	6.965%
94	23.133	3439	3442	3447	rVB	660465	954548	9.70%	0.863%
95	23.209	3450	3455	3466	rVB	3435575	6222463	63.23%	5.627%
96	23.739	3541	3545	3552	rVB	523872	888754	9.03%	0.804%

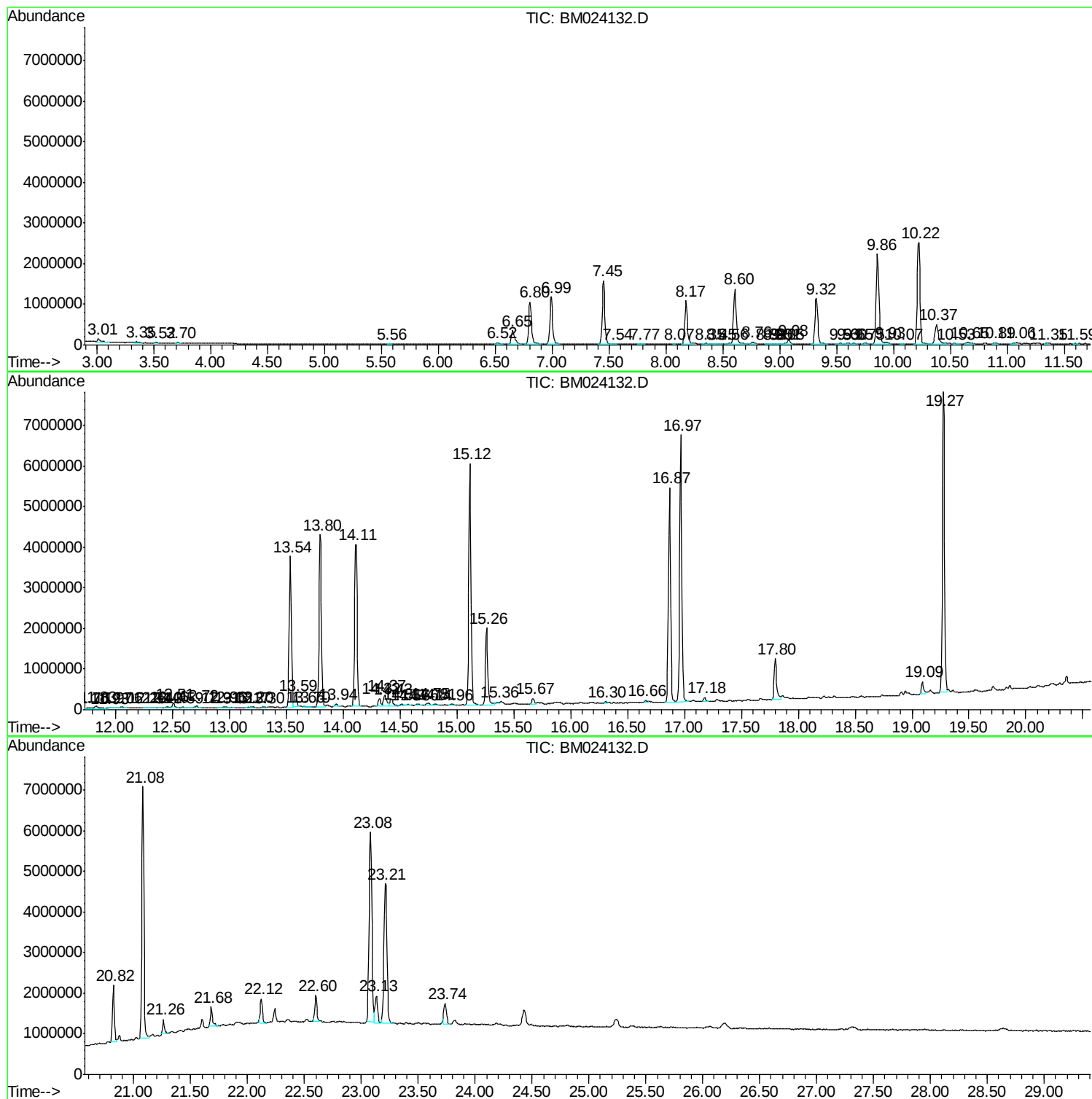
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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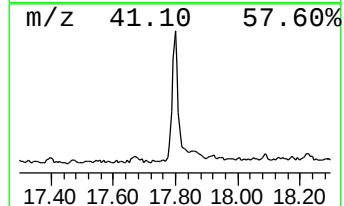
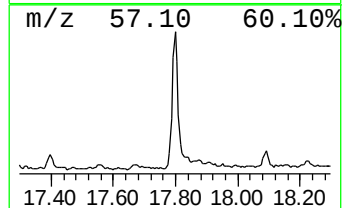
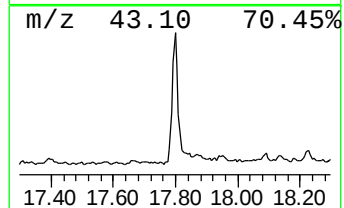
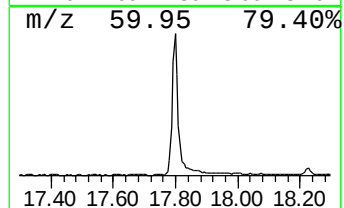
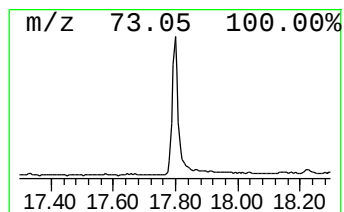
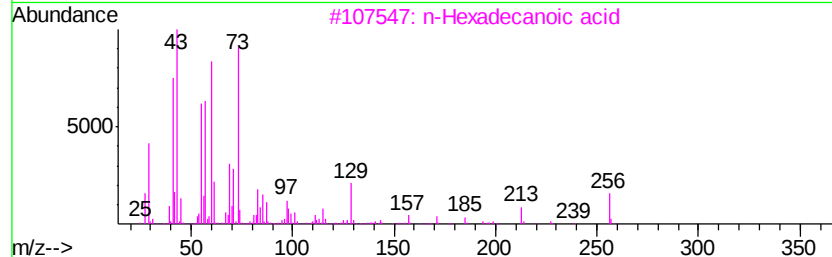
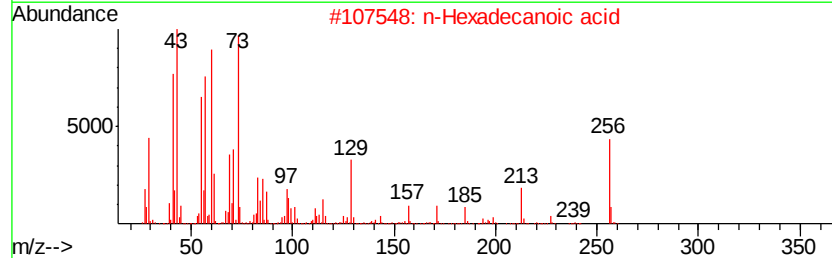
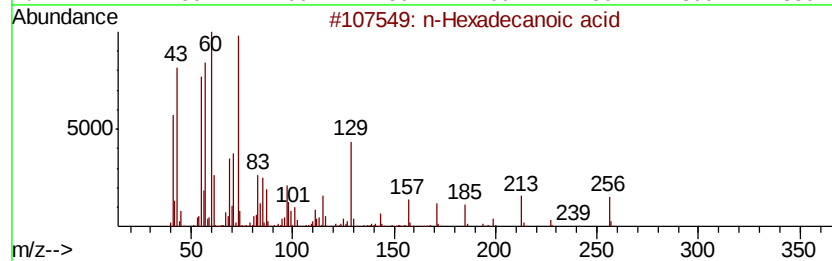
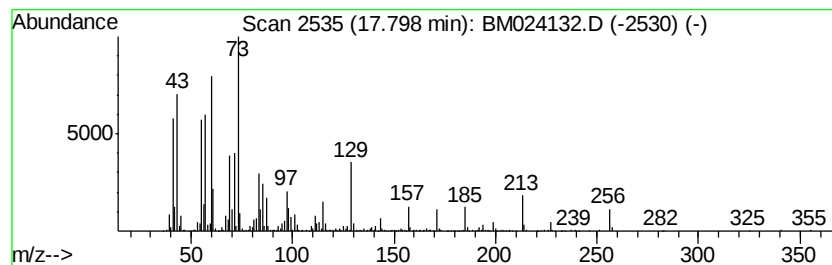
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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.
17.80	4.18 ng/ul	1508850	Phenanthrene-d10	16.87

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		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	95
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	94



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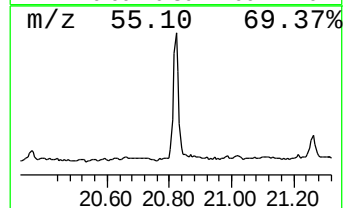
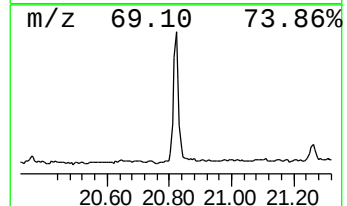
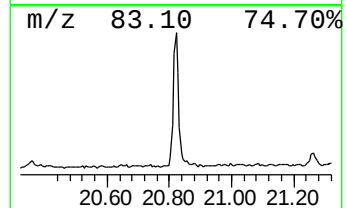
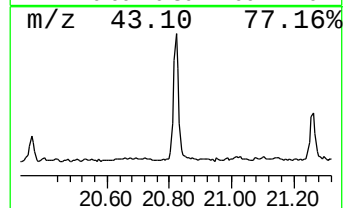
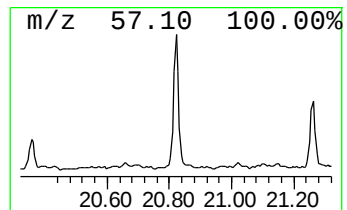
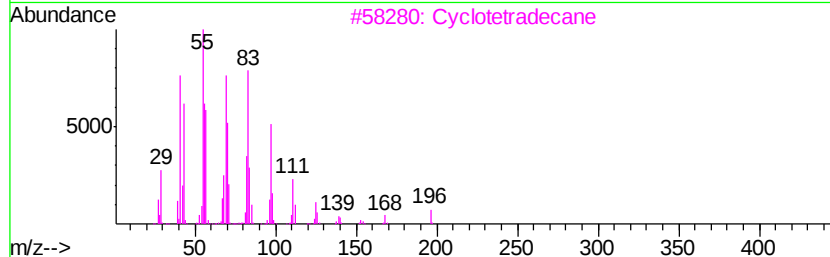
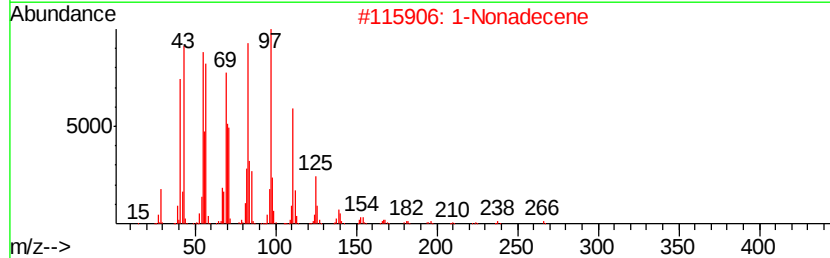
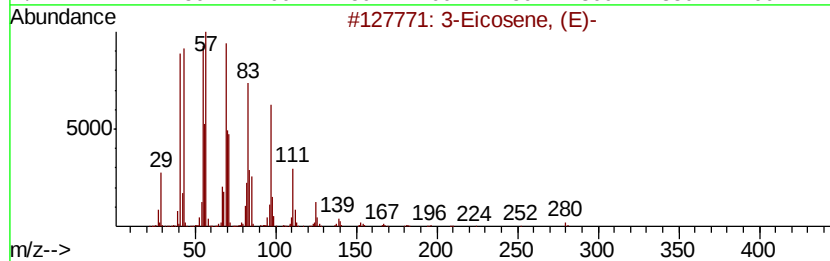
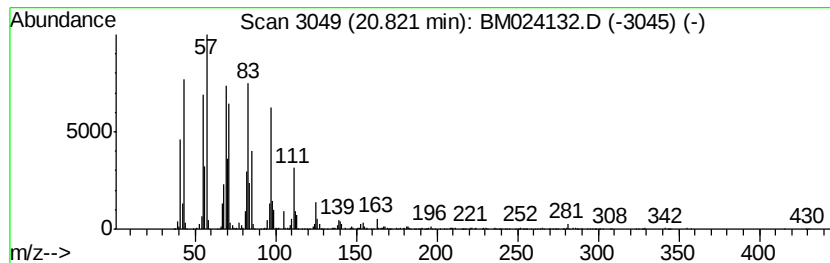
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.36 ng/ul	1624820	Chrysene-d12	21.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2			1-Nonadecene	266	C19H38	018435-45-5	97
3			Cyclotetradecane	196	C14H28	000295-17-0	93
4			Cyclotetradecane	196	C14H28	000295-17-0	93
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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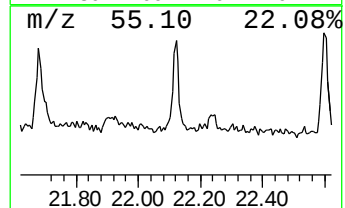
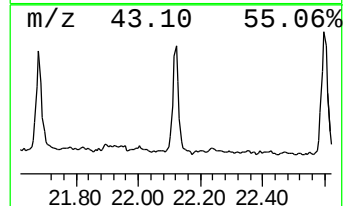
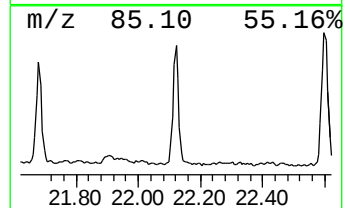
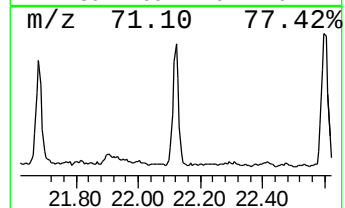
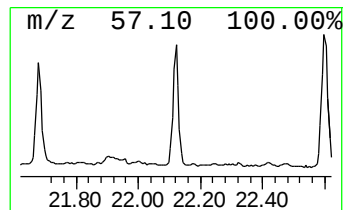
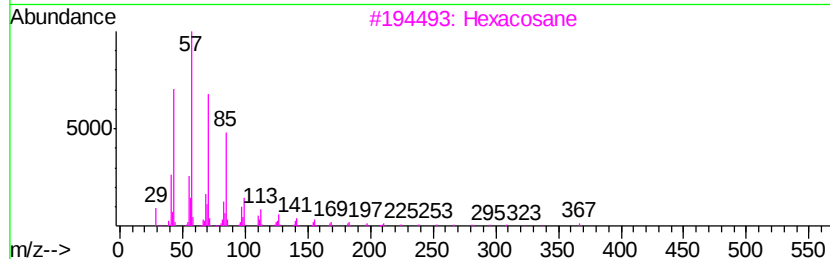
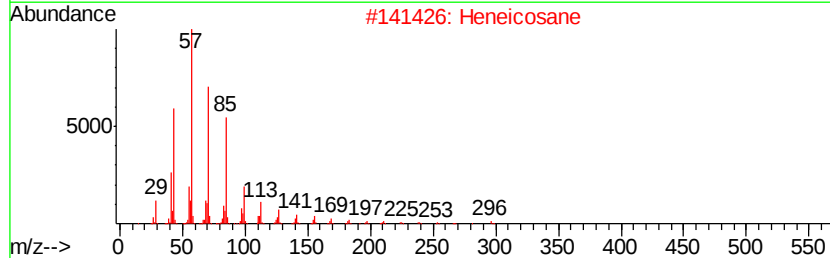
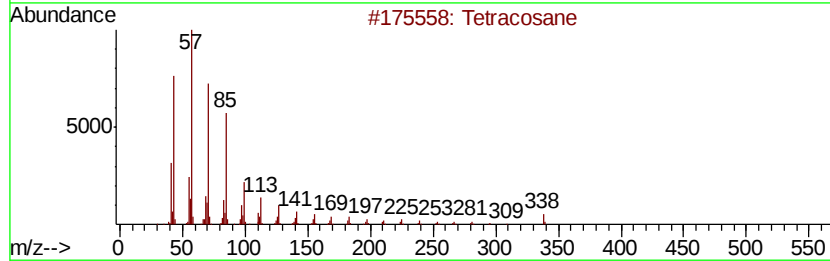
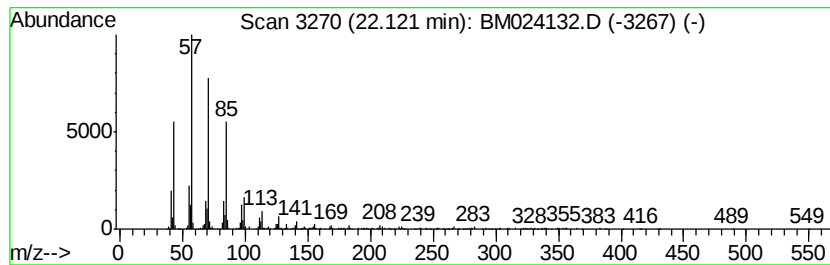
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.01 ng/ul	750612	Chrysene-d12	21.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 97
2		Heneicosane	296 C21H44	000629-94-7 91
3		Hexacosane	366 C26H54	000630-01-3 91
4		Octacosane	394 C28H58	000630-02-4 91
5		Heneicosane	296 C21H44	000629-94-7 91



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ClientSampleId :
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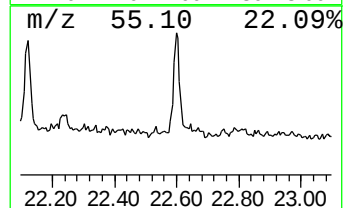
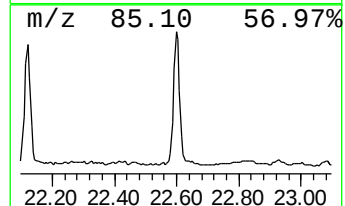
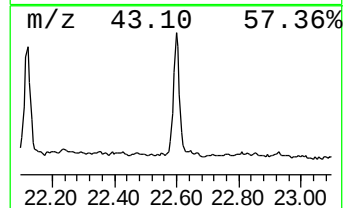
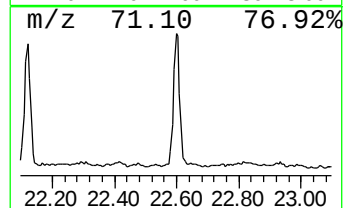
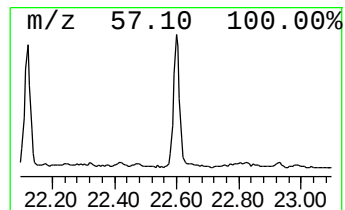
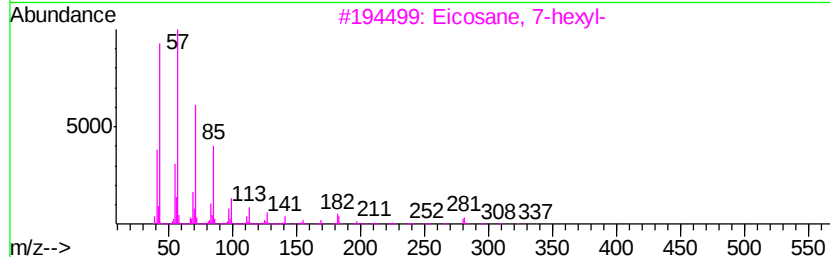
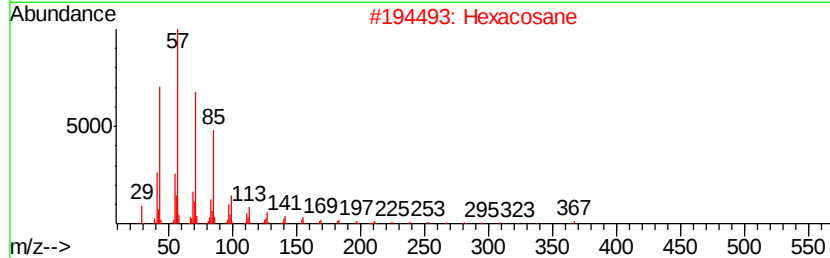
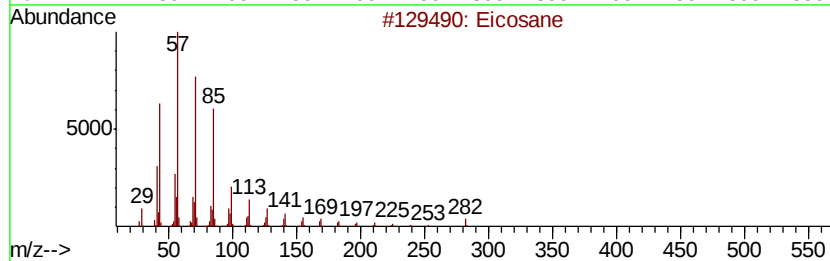
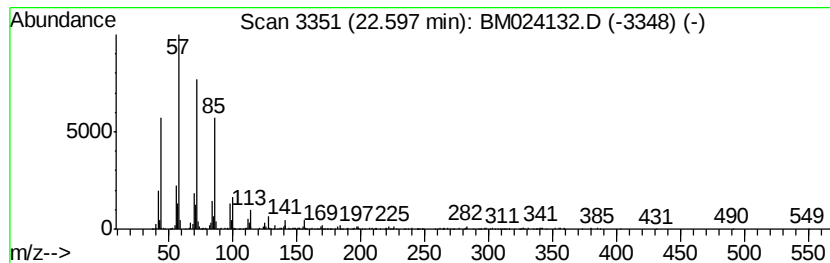
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.80 ng/ul	870844	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024132.D
Acq On : 17 Dec 2019 21:34
Operator : JU
Sample : K6132-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR4

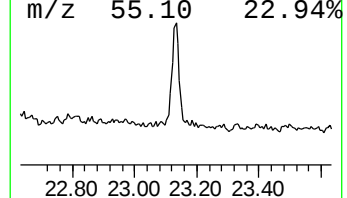
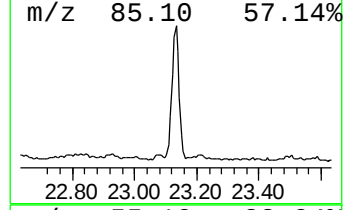
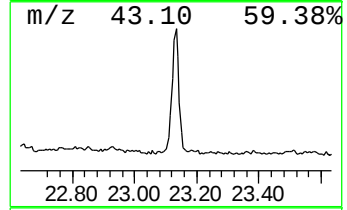
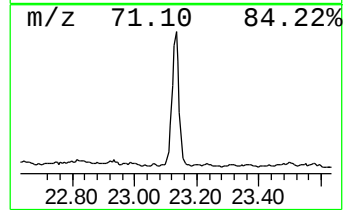
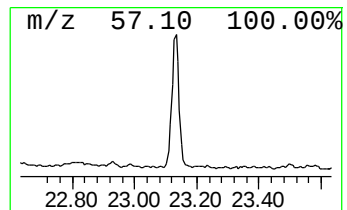
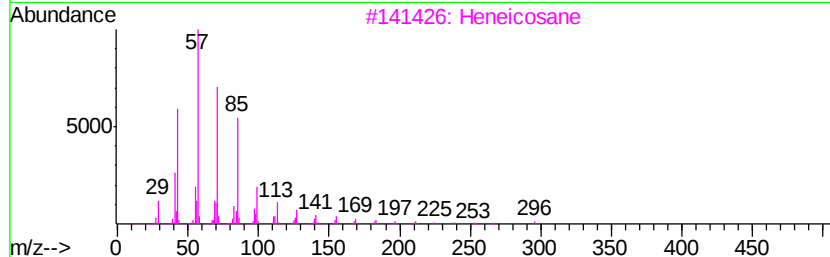
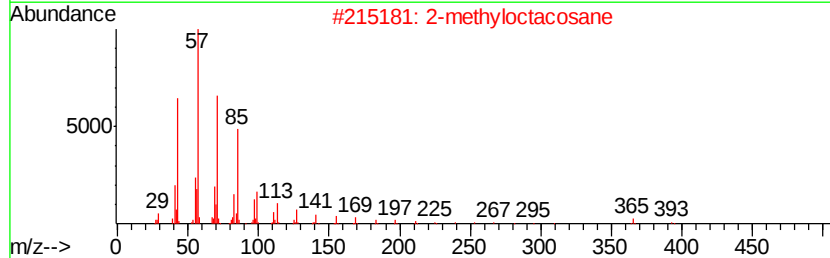
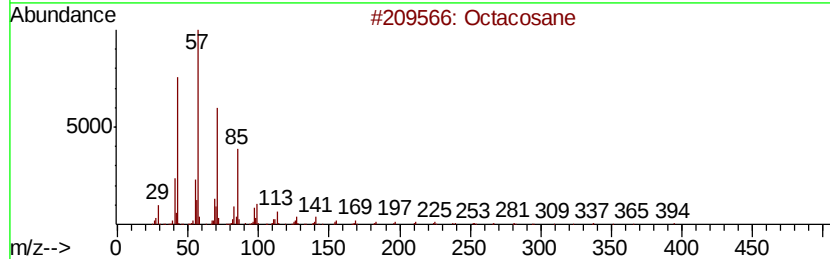
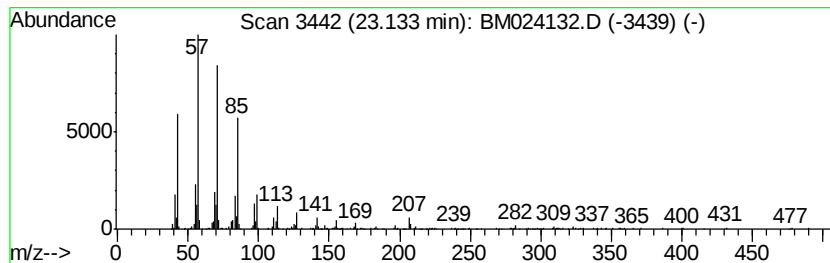
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Quant Title : SVOA CALIBRATION

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.
23.13	3.07 ng/ul	954548	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024132.D
Acq On : 17 Dec 2019 21:34
Operator : JU
Sample : K6132-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR4

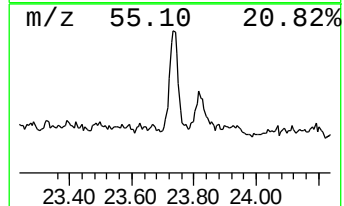
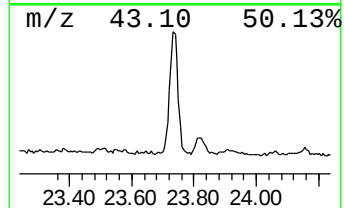
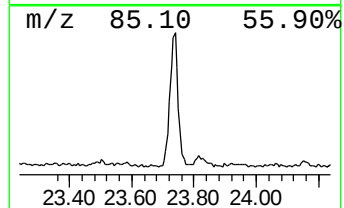
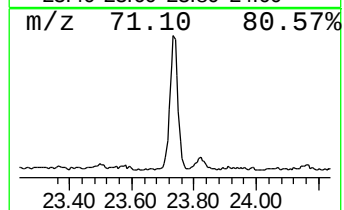
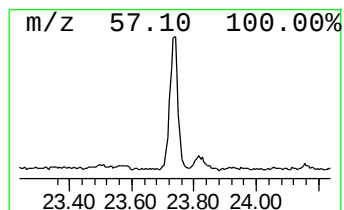
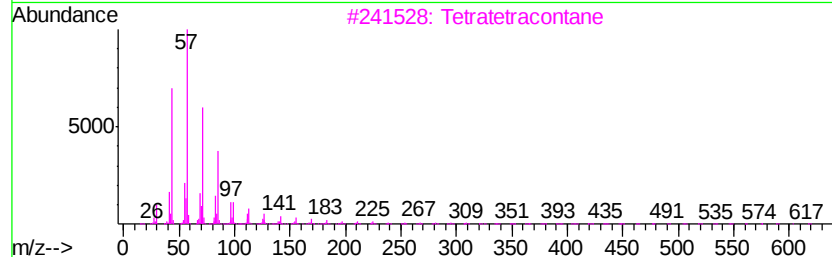
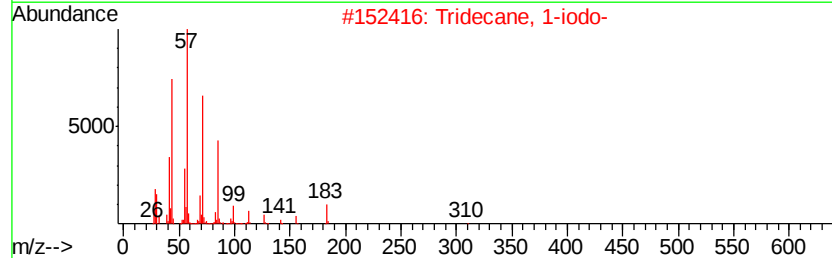
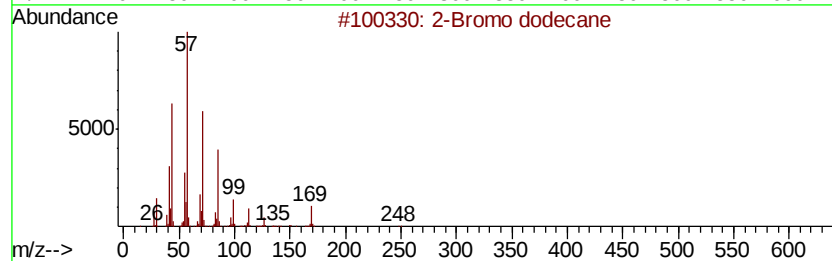
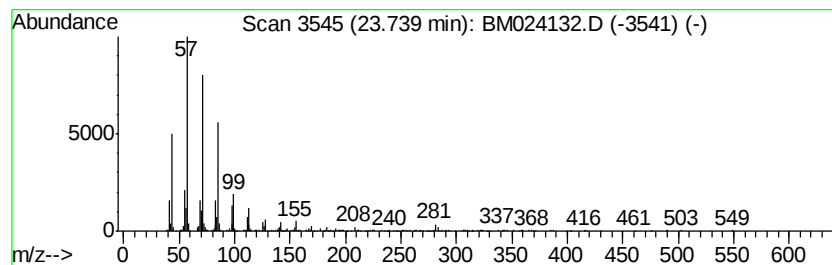
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.86 ng/ul	888754	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024132.D
Acq On : 17 Dec 2019 21:34
Operator : JU
Sample : K6132-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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	17.80	4.2	ng/ul	1508850	4	16.87	7211810	20.0
(DEL) Alkane: Cyc...	20.82	4.4	ng/ul	1624820	5	21.08	7459820	20.0
(DEL) Alkane: Str...	22.12	2.0	ng/ul	750612	5	21.08	7459820	20.0
(DEL) Alkane: Str...	22.60	2.8	ng/ul	870844	6	23.22	6222460	20.0
(DEL) Alkane: Str...	23.13	3.1	ng/ul	954548	6	23.22	6222460	20.0
2-Bromo dodecane	23.74	2.9	ng/ul	888754	6	23.22	6222460	20.0