

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024079.D
 Acq On : 13 Dec 2019 03:20
 Operator : JU
 Sample : K6089-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR5

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-BM112719MA.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	3.034	22	25	37	rVB	59258	105678	2.00%	0.138%
2	3.540	108	111	115	rVB2	17426	23623	0.45%	0.031%
3	3.646	125	129	135	rVB	42542	75271	1.42%	0.098%
4	3.734	140	144	150	rVB	27101	38818	0.73%	0.051%
5	4.169	215	218	224	rVB6	11360	23163	0.44%	0.030%
6	4.634	293	297	304	rBV	48309	80817	1.53%	0.105%
7	5.516	442	447	452	rVB5	18165	33710	0.64%	0.044%
8	6.663	634	642	658	rVB2	934948	1836199	34.68%	2.391%
9	6.822	663	669	686	rVB	767272	1266508	23.92%	1.649%
10	7.010	694	701	713	rVV	1014150	1681093	31.75%	2.189%
11	7.104	713	717	727	rVB7	22095	54067	1.02%	0.070%
12	7.469	772	779	789	rBV	1430913	2257801	42.65%	2.940%
13	8.187	895	901	913	rBV2	996875	1653555	31.23%	2.153%
14	8.304	917	921	927	rVB2	36205	63380	1.20%	0.083%
15	8.622	968	975	985	rVV	863474	1481799	27.99%	1.930%
16	8.698	985	988	998	rVV3	24662	52359	0.99%	0.068%
17	8.798	1002	1005	1010	rVV7	12479	24424	0.46%	0.032%
18	9.063	1045	1050	1054	rBV	28732	43818	0.83%	0.057%
19	9.339	1091	1097	1110	rBV	688843	1191966	22.51%	1.552%
20	9.875	1181	1188	1203	rBV	1068523	1886640	35.64%	2.457%
21	10.239	1243	1250	1257	rBV	1867606	3084192	58.26%	4.016%
22	10.392	1268	1276	1295	rBV	773127	1593206	30.09%	2.075%
23	11.092	1388	1395	1401	rBV7	11890	31529	0.60%	0.041%
24	11.286	1421	1428	1435	rBV2	24097	40187	0.76%	0.052%
25	11.692	1491	1497	1504	rVB2	21051	36963	0.70%	0.048%
26	11.839	1518	1522	1530	rVV3	17289	33820	0.64%	0.044%
27	11.922	1530	1536	1542	rVB	30127	55869	1.06%	0.073%
28	12.139	1566	1573	1580	rBV2	25032	44423	0.84%	0.058%
29	12.669	1660	1663	1669	rVV3	16327	23897	0.45%	0.031%
30	12.969	1708	1714	1721	rBV2	39323	61225	1.16%	0.080%
31	13.310	1763	1772	1776	rBV10	11121	26625	0.50%	0.035%
32	13.451	1791	1796	1802	rBV6	24795	49068	0.93%	0.064%
33	13.551	1807	1813	1818	rVV	1863771	2606150	49.23%	3.394%
34	13.598	1818	1821	1832	rVV	310006	478922	9.05%	0.624%

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35	13.680	1832	1835	1845	rVB4	22883	46742	0.88%	0.061%
36	13.816	1851	1858	1871	rBV	2186329	3336304	63.02%	4.345%
37	14.057	1894	1899	1905	rBV2	42428	57203	1.08%	0.074%
38	14.127	1905	1911	1922	rBV	2590203	3806307	71.90%	4.957%
39	14.369	1946	1952	1965	rBV	325547	728052	13.75%	0.948%
40	14.539	1978	1981	1984	rBV3	25416	37152	0.70%	0.048%
41	14.580	1984	1988	1993	rVB3	79026	118624	2.24%	0.154%
42	14.680	2002	2005	2010	rVB6	16239	23100	0.44%	0.030%
43	14.757	2012	2018	2024	rVV8	19770	39114	0.74%	0.051%
44	14.816	2024	2028	2033	rVB3	15877	22203	0.42%	0.029%
45	14.927	2043	2047	2050	rBV6	15828	27267	0.52%	0.036%
46	15.016	2058	2062	2066	rVB	46475	60647	1.15%	0.079%
47	15.133	2075	2082	2088	rBV	2744601	3994691	75.46%	5.202%
48	15.274	2101	2106	2119	rBV	546623	845836	15.98%	1.101%
49	15.374	2119	2123	2127	rVV2	31826	49097	0.93%	0.064%
50	15.421	2127	2131	2136	rVB6	18570	31578	0.60%	0.041%
51	15.486	2136	2142	2146	rBV4	16471	27396	0.52%	0.036%
52	15.574	2153	2157	2160	rBV4	21819	31720	0.60%	0.041%
53	15.639	2162	2168	2175	rVB9	15070	38021	0.72%	0.050%
54	15.710	2175	2180	2188	rVB9	13746	30581	0.58%	0.040%
55	15.880	2205	2209	2211	rBV3	53000	74644	1.41%	0.097%
56	15.904	2211	2213	2220	rVB4	47911	70197	1.33%	0.091%
57	16.210	2258	2265	2268	rBV7	10047	23508	0.44%	0.031%
58	16.433	2298	2303	2308	rBV8	26323	57863	1.09%	0.075%
59	16.545	2318	2322	2329	rBV6	19493	42296	0.80%	0.055%
60	16.621	2332	2335	2340	rBV6	16054	28853	0.55%	0.038%
61	16.674	2340	2344	2349	rBV2	57272	71586	1.35%	0.093%
62	16.886	2373	2380	2385	rVV	2774468	4123839	77.89%	5.370%
63	16.921	2385	2386	2390	rVV	97406	103476	1.95%	0.135%
64	16.980	2390	2396	2409	rVV	2865732	4173228	78.83%	5.434%
65	17.086	2409	2414	2421	rVB	17125	35828	0.68%	0.047%
66	17.304	2447	2451	2455	rBV7	17164	26635	0.50%	0.035%
67	17.410	2466	2469	2473	rBV2	40515	47939	0.91%	0.062%
68	17.762	2525	2529	2532	rBV2	26758	36755	0.69%	0.048%
69	17.810	2532	2537	2544	rBV2	333868	506586	9.57%	0.660%
70	17.951	2557	2561	2565	rVV	39626	59424	1.12%	0.077%
71	17.992	2565	2568	2576	rVB2	34150	58028	1.10%	0.076%

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72	18.104	2583	2587	2593	rBV	52368	77483	1.46%	0.101%
73	18.274	2612	2616	2621	rVB2	26542	38679	0.73%	0.050%
74	18.568	2663	2666	2669	rVV2	26320	29221	0.55%	0.038%
75	18.609	2671	2673	2677	rVB4	20044	22992	0.43%	0.030%
76	18.692	2683	2687	2691	rVB2	47367	66343	1.25%	0.086%
77	18.751	2692	2697	2700	rBV2	71430	94458	1.78%	0.123%
78	18.833	2709	2711	2719	rVB8	24324	43246	0.82%	0.056%
79	18.921	2722	2726	2728	rBV	40490	54192	1.02%	0.071%
80	18.951	2728	2731	2741	rVB	270905	402805	7.61%	0.525%
81	19.104	2753	2757	2762	rBV2	130700	194225	3.67%	0.253%
82	19.174	2766	2769	2772	rVB2	31381	42586	0.80%	0.055%
83	19.286	2783	2788	2801	rBV	3648925	5294107	100.00%	6.894%
84	19.651	2847	2850	2852	rBV4	34710	49552	0.94%	0.065%
85	19.821	2877	2879	2884	rVB	62163	83037	1.57%	0.108%
86	19.874	2885	2888	2892	rVB	64994	67296	1.27%	0.088%
87	19.921	2894	2896	2900	rVB2	55356	60840	1.15%	0.079%
88	20.368	2969	2972	2976	rBV2	99544	119003	2.25%	0.155%
89	20.833	3046	3051	3065	rVB	1067786	1603565	30.29%	2.088%
90	21.092	3088	3095	3099	rBV	3767003	5275804	99.65%	6.870%
91	21.127	3099	3101	3105	rVB	345505	372310	7.03%	0.485%
92	21.274	3122	3126	3129	rBV	302114	366786	6.93%	0.478%
93	21.692	3193	3197	3204	rBV2	515058	724507	13.69%	0.943%
94	22.133	3268	3272	3277	rVB	710029	864379	16.33%	1.126%
95	22.609	3347	3353	3367	rVB2	1091196	2189936	41.37%	2.852%
96	23.092	3430	3435	3440	rBV	2954478	4891975	92.40%	6.370%
97	23.144	3440	3444	3450	rVB2	1013732	1699445	32.10%	2.213%
98	23.227	3452	3458	3464	rBV	2728096	4900261	92.56%	6.381%
99	23.750	3543	3547	3555	rVB	738470	1228201	23.20%	1.599%
100	24.450	3662	3666	3673	rVB2	534337	1002780	18.94%	1.306%

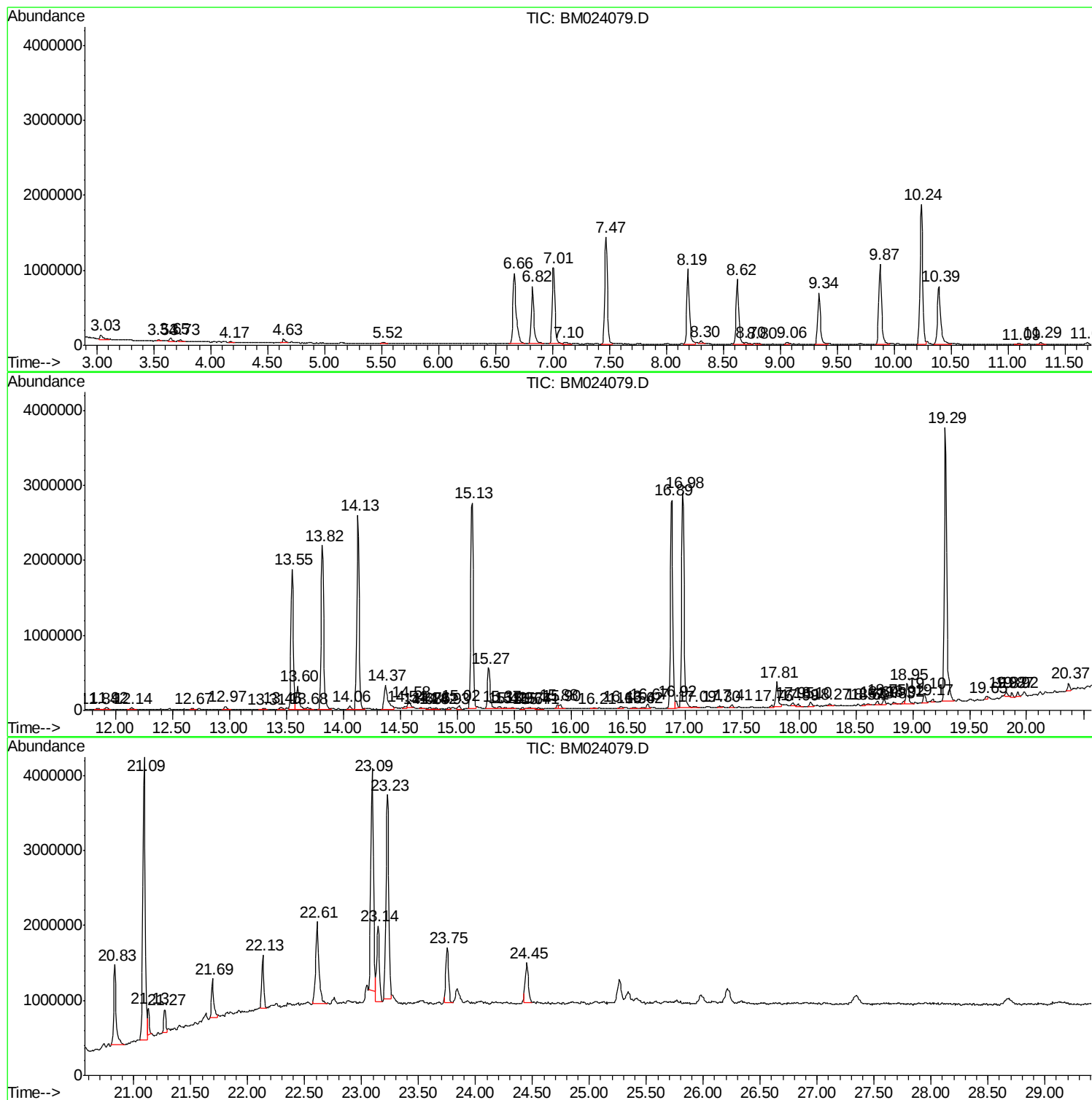
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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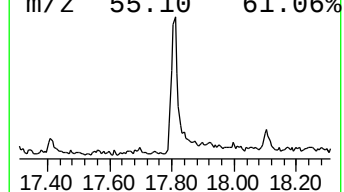
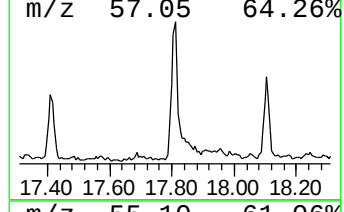
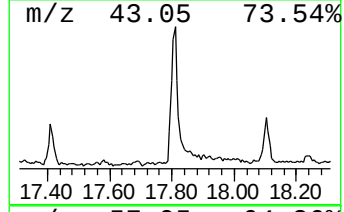
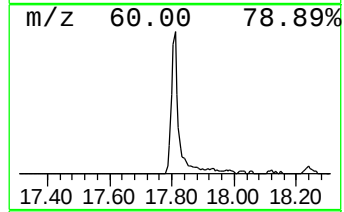
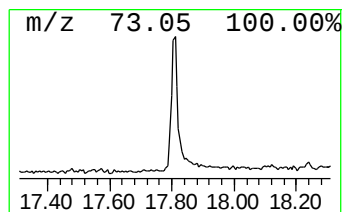
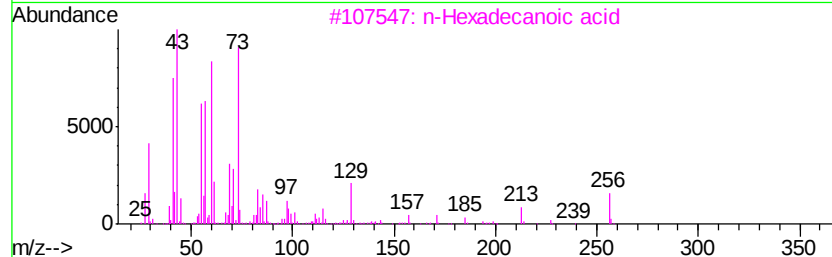
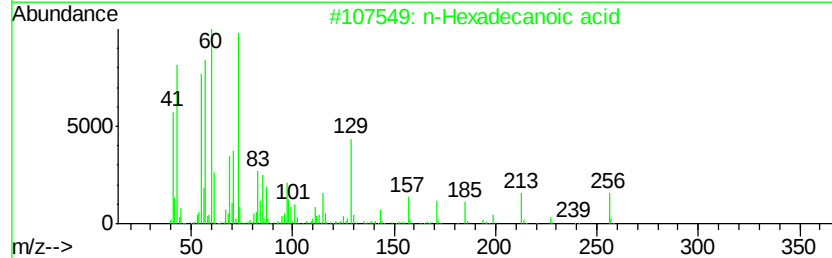
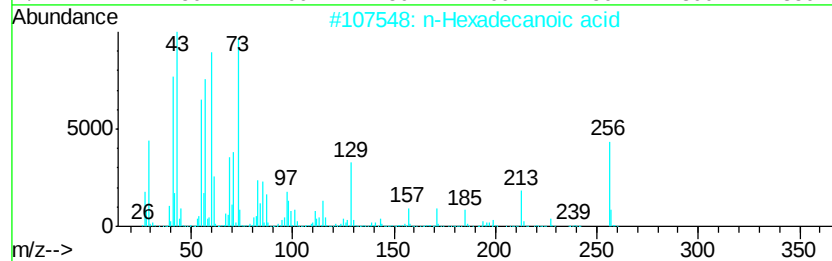
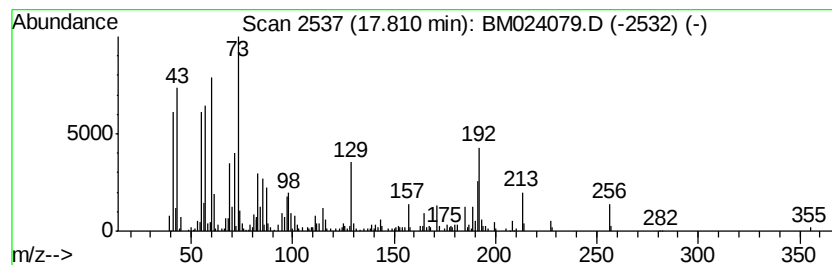
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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.
17.81	2.46 ng/ul	506586	Phenanthrene-d10	16.89

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	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83	



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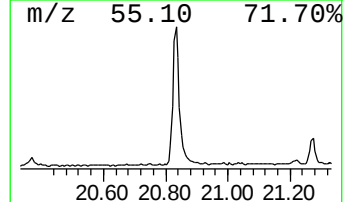
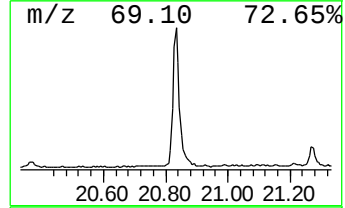
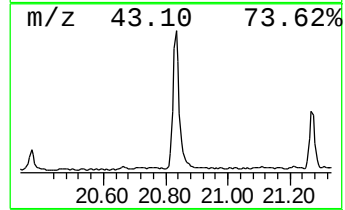
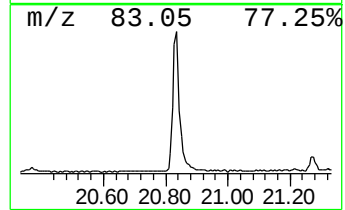
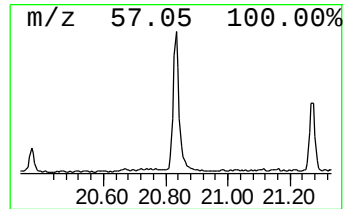
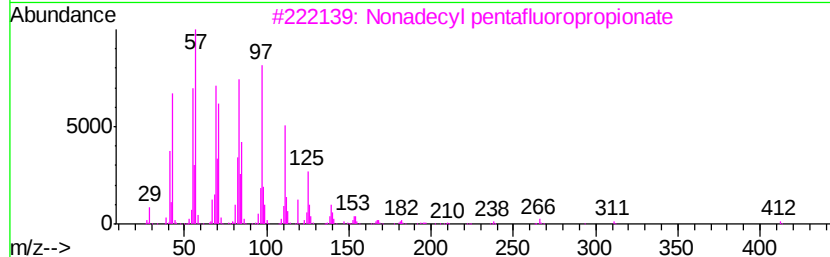
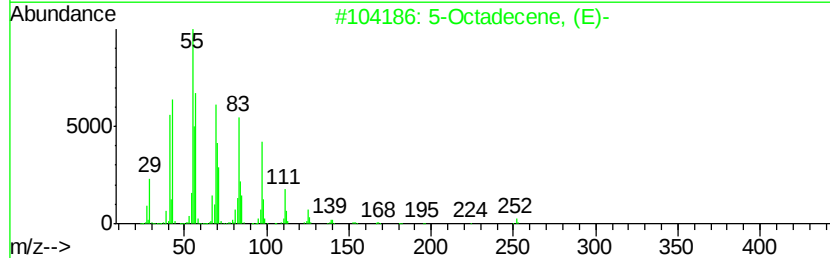
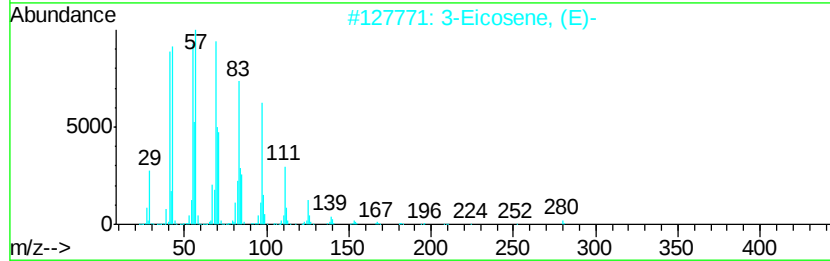
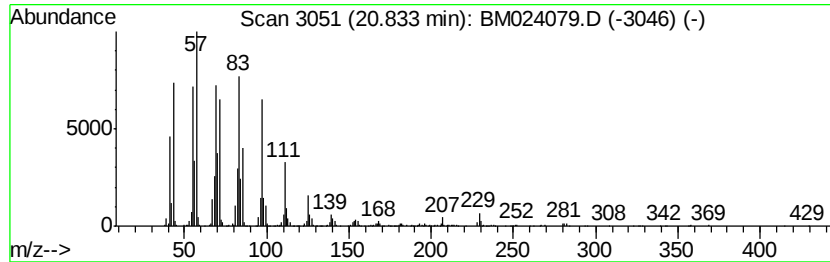
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.08 ng/ul	1603570	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91



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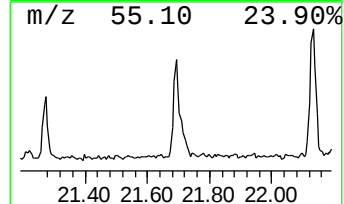
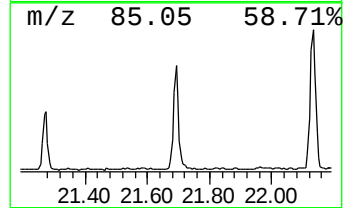
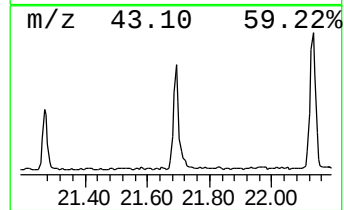
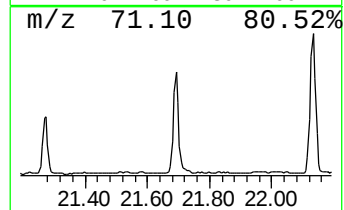
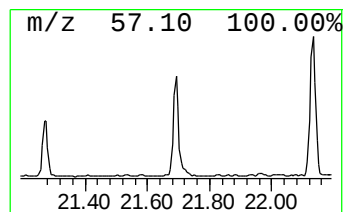
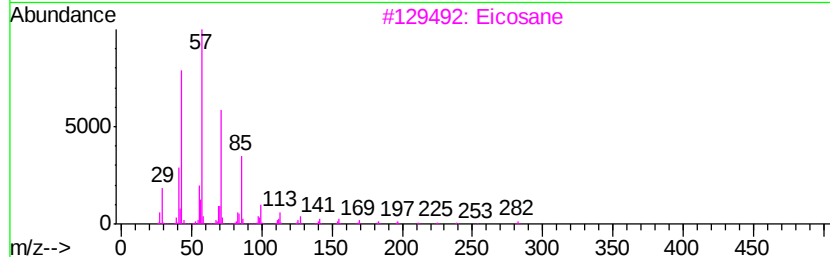
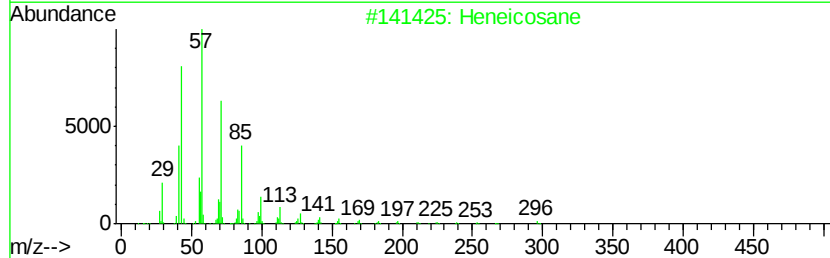
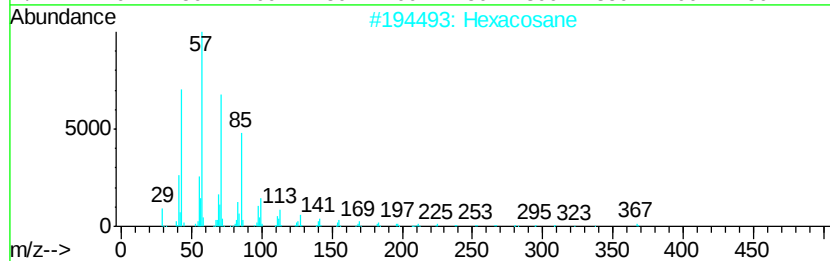
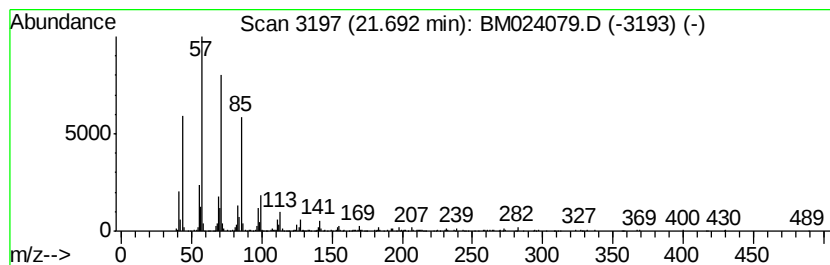
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.75 ng/ul	724507	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heptadecane	240	C17H36	000629-78-7	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024079.D
Acq On : 13 Dec 2019 03:20
Operator : JU
Sample : K6089-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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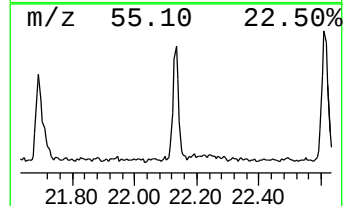
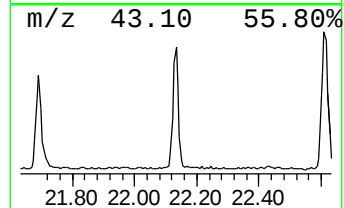
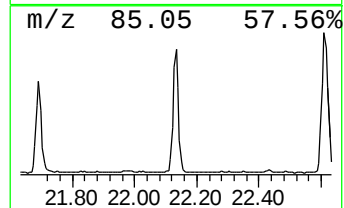
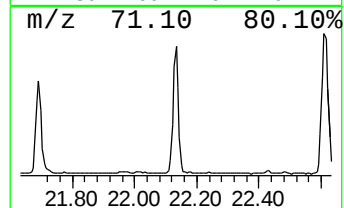
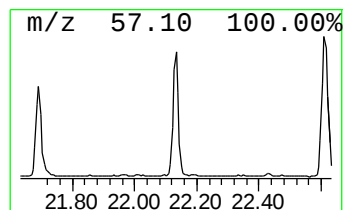
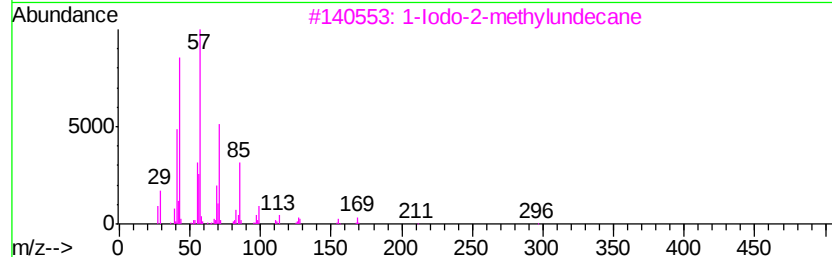
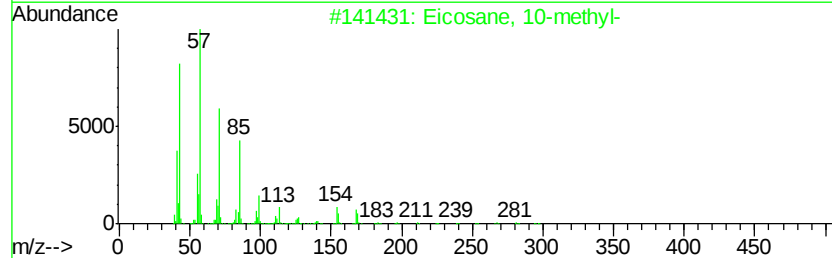
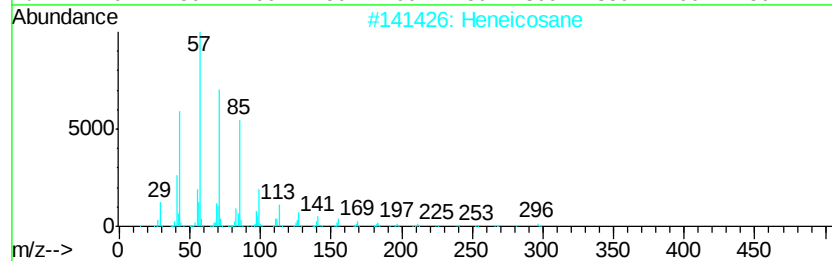
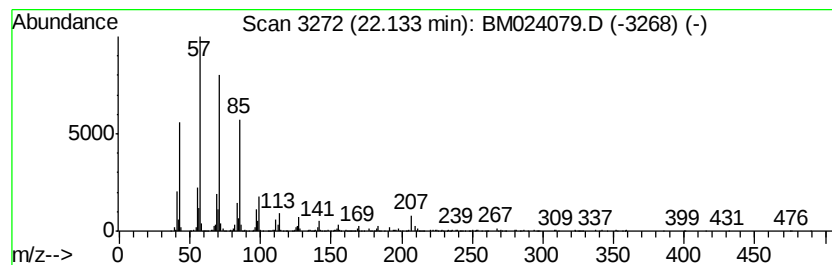
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.28 ng/ul	864379	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024079.D
Acq On : 13 Dec 2019 03:20
Operator : JU
Sample : K6089-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR5

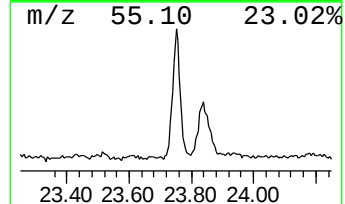
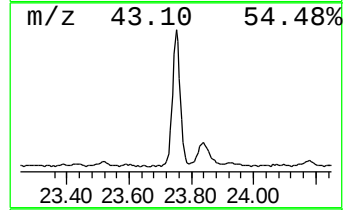
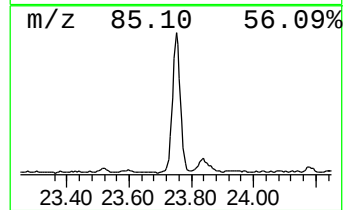
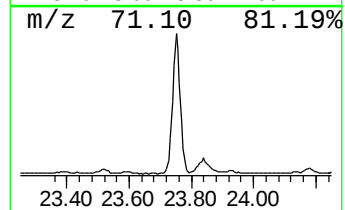
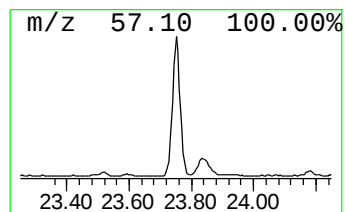
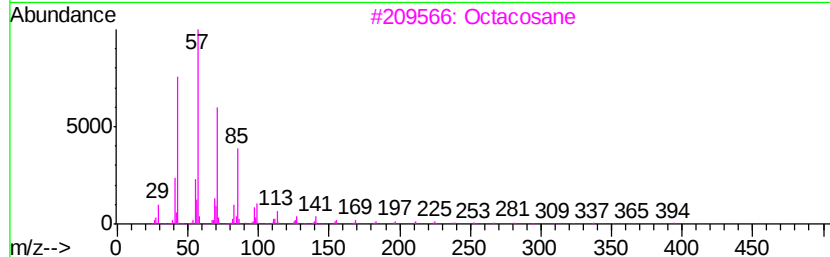
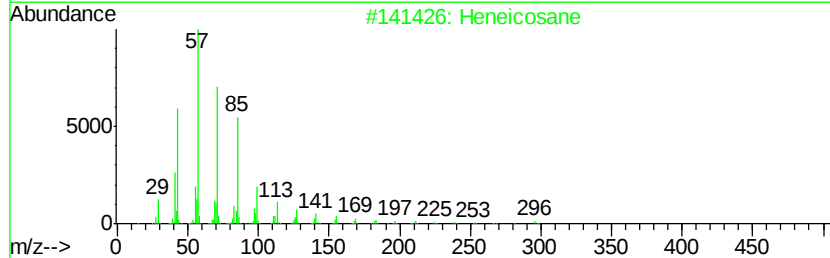
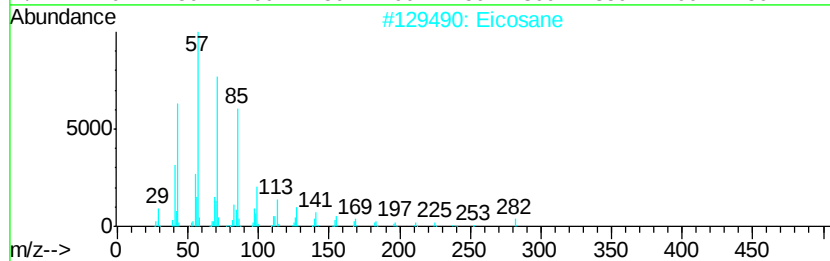
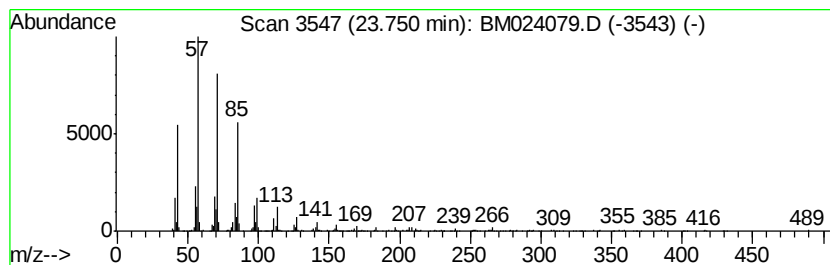
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	5.01 ng/ul	1228200	Perylene-d12	23.23

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		Octacosane	394	C28H58	000630-02-4	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024079.D
Acq On : 13 Dec 2019 03:20
Operator : JU
Sample : K6089-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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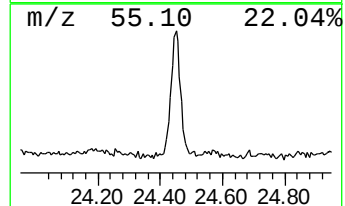
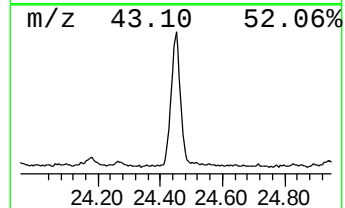
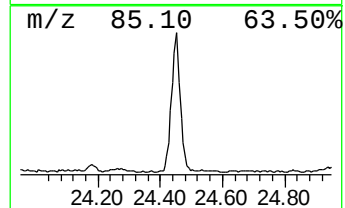
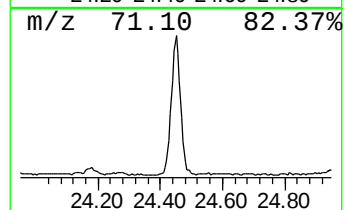
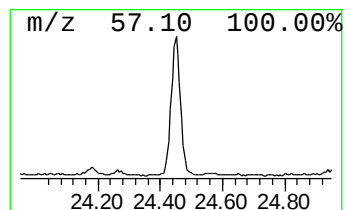
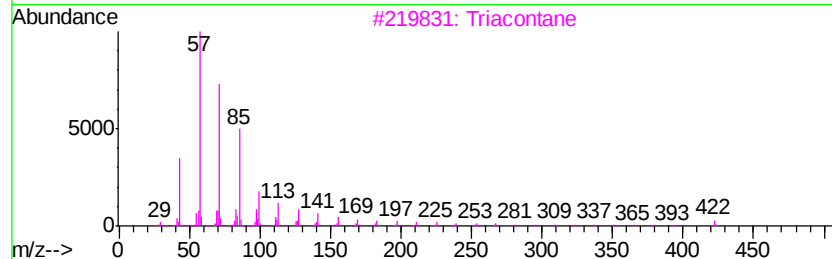
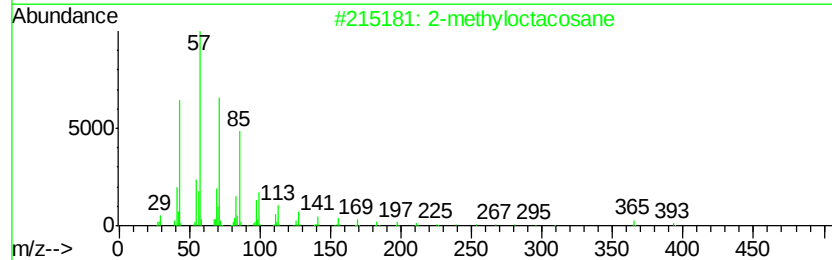
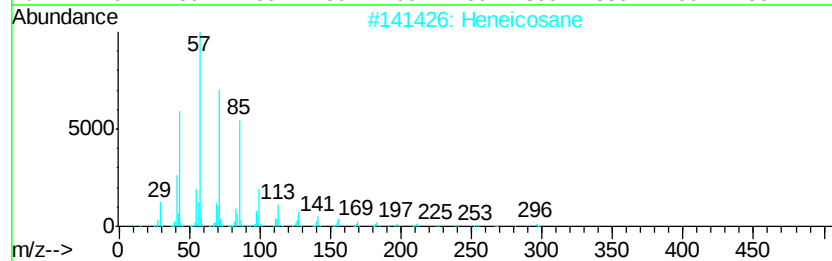
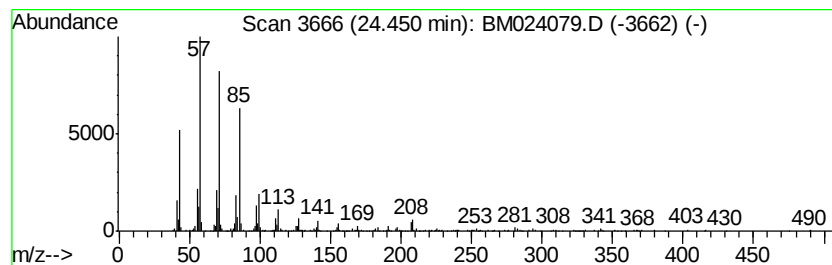
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.45	4.09 ng/ul	1002780	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		triacontane	422	C30H62	000638-68-6	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024079.D
Acq On : 13 Dec 2019 03:20
Operator : JU
Sample : K6089-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.81	2.5	ng/ul	506586	4	16.89	4123840	20.0
(DEL) Alkane: Cyc...	20.83	6.1	ng/ul	1603570	5	21.09	5275800	20.0
(DEL) Alkane: Str...	21.69	2.8	ng/ul	724507	5	21.09	5275800	20.0
(DEL) Alkane: Str...	22.13	3.3	ng/ul	864379	5	21.09	5275800	20.0
(DEL) Alkane: Str...	23.75	5.0	ng/ul	1228200	6	23.23	4900260	20.0
(DEL) Alkane: Str...	24.45	4.1	ng/ul	1002780	6	23.23	4900260	20.0