

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005947.D
 Acq On : 30 May 2019 00:52
 Operator : JU/SJ
 Sample : K2924-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4275

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	3.265	16	19	28	rVB	112749	163785	1.58%	0.101%
2	3.677	86	89	93	rBV2	24142	31895	0.31%	0.020%
3	3.771	101	105	114	rVB	110847	165577	1.60%	0.102%
4	3.895	121	126	135	rVV	118054	206578	2.00%	0.127%
5	3.989	138	142	148	rVB	28386	42217	0.41%	0.026%
6	4.342	200	202	208	rVB5	23056	33857	0.33%	0.021%
7	4.877	288	293	303	rVB	123086	194881	1.88%	0.120%
8	4.971	305	309	314	rVB4	25131	43212	0.42%	0.027%
9	5.836	448	456	462	rVV2	29523	60295	0.58%	0.037%
10	6.147	503	509	513	rBV2	19005	31668	0.31%	0.019%
11	6.277	525	531	536	rBV7	15257	32387	0.31%	0.020%
12	6.742	605	610	612	rBV2	28786	40920	0.40%	0.025%
13	6.777	614	616	624	rVB5	21943	37040	0.36%	0.023%
14	6.912	629	639	651	rVV	2248361	4014053	38.77%	2.469%
15	7.077	655	667	680	rVB	1899465	3023451	29.20%	1.860%
16	7.271	692	700	707	rBV	2395566	3837408	37.07%	2.360%
17	7.336	708	711	719	rVB3	31081	57877	0.56%	0.036%
18	7.741	770	780	786	rBV	2344737	3810217	36.80%	2.344%
19	7.800	786	790	797	rVV	52599	84718	0.82%	0.052%
20	7.971	812	819	824	rBV2	55257	99955	0.97%	0.061%
21	8.441	886	899	906	rBV	2485358	3907137	37.74%	2.403%
22	8.894	968	976	984	rVV	2268998	3806226	36.76%	2.341%
23	9.000	990	994	999	rVV5	32481	57786	0.56%	0.036%
24	9.053	999	1003	1008	rVB5	21505	35313	0.34%	0.022%
25	9.306	1034	1046	1054	rVB	101779	172624	1.67%	0.106%
26	9.612	1089	1098	1103	rBV	1450063	2356678	22.76%	1.450%
27	9.665	1103	1107	1118	rVV	151290	336176	3.25%	0.207%
28	9.753	1118	1122	1132	rVV6	21712	73087	0.71%	0.045%
29	9.835	1132	1136	1142	rVB4	29372	49193	0.48%	0.030%
30	10.147	1178	1189	1199	rBV	3029465	4962397	47.93%	3.052%
31	10.300	1207	1215	1221	rBV7	24561	44419	0.43%	0.027%
32	10.524	1243	1253	1260	rBV	3437742	5695120	55.01%	3.503%
33	10.659	1265	1276	1289	rVV2	1599631	3069742	29.65%	1.888%
34	11.312	1382	1387	1393	rVB7	24260	38978	0.38%	0.024%

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35	11.418	1399	1405	1408	rBV2	30451	58542	0.57%	0.036%
36	11.465	1408	1413	1422	rVV2	43367	105523	1.02%	0.065%
37	11.953	1490	1496	1502	rBV6	23537	41922	0.40%	0.026%
38	12.012	1502	1506	1514	rVB2	21015	39116	0.38%	0.024%
39	12.118	1517	1524	1529	rVB2	57166	98902	0.96%	0.061%
40	12.224	1532	1542	1547	rBV3	187008	300658	2.90%	0.185%
41	13.112	1687	1693	1697	rBV8	22656	44012	0.43%	0.027%
42	13.294	1718	1724	1729	rVV4	31252	64506	0.62%	0.040%
43	13.647	1779	1784	1789	rVV5	62123	101334	0.98%	0.062%
44	13.700	1789	1793	1797	rVV7	29655	44366	0.43%	0.027%
45	13.794	1801	1809	1813	rVV	4909571	6861045	66.27%	4.220%
46	13.841	1813	1817	1826	rVV	1737069	2358222	22.78%	1.451%
47	14.076	1850	1857	1870	rVB	5900315	8684837	83.89%	5.342%
48	14.288	1888	1893	1898	rVB	37456	56508	0.55%	0.035%
49	14.382	1898	1909	1917	rBV2	4737973	7227075	69.81%	4.446%
50	14.447	1917	1920	1927	rVB4	25909	42332	0.41%	0.026%
51	14.588	1937	1944	1950	rBV	1707953	2601293	25.13%	1.600%
52	14.735	1963	1969	1974	rBV	152188	225416	2.18%	0.139%
53	14.800	1974	1980	1986	rVB4	75338	139694	1.35%	0.086%
54	14.976	2006	2010	2013	rBV6	24366	37291	0.36%	0.023%
55	15.047	2019	2022	2030	rVB8	26260	43127	0.42%	0.027%
56	15.188	2042	2046	2052	rVV3	52148	99296	0.96%	0.061%
57	15.241	2052	2055	2060	rVB4	35401	49895	0.48%	0.031%
58	15.382	2068	2079	2085	rBV	7183529	10276237	99.26%	6.321%
59	15.435	2085	2088	2096	rVV2	38985	62395	0.60%	0.038%
60	15.506	2096	2100	2107	rVB2	104263	145155	1.40%	0.089%
61	15.618	2114	2119	2128	rVB2	103720	173432	1.68%	0.107%
62	15.706	2131	2134	2136	rVV2	23320	29263	0.28%	0.018%
63	15.729	2136	2138	2143	rVB4	30410	39858	0.38%	0.025%
64	15.876	2156	2163	2170	rVB2	24549	65933	0.64%	0.041%
65	15.965	2172	2178	2183	rBV4	39218	80925	0.78%	0.050%
66	16.017	2183	2187	2192	rBV	123393	181906	1.76%	0.112%
67	16.106	2198	2202	2208	rVB5	51401	82593	0.80%	0.051%
68	16.165	2208	2212	2217	rVB4	47557	68618	0.66%	0.042%
69	16.282	2229	2232	2236	rVB5	23002	32337	0.31%	0.020%
70	16.535	2272	2275	2279	rBV5	31453	39220	0.38%	0.024%
71	16.788	2314	2318	2326	rVB3	54860	117761	1.14%	0.072%

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72	16.865	2327	2331	2333	rBV5	31483	45202	0.44%	0.028%
73	16.953	2343	2346	2351	rVB	54601	81818	0.79%	0.050%
74	17.029	2356	2359	2366	rVB3	77332	122347	1.18%	0.075%
75	17.094	2367	2370	2371	rVV3	65124	64362	0.62%	0.040%
76	17.135	2371	2377	2381	rVV2	5813559	8008739	77.36%	4.926%
77	17.176	2381	2384	2388	rVV	892725	1154224	11.15%	0.710%
78	17.235	2388	2394	2404	rVB	7362340	10072525	97.29%	6.196%
79	17.317	2404	2408	2413	rVB6	30416	55954	0.54%	0.034%
80	17.376	2413	2418	2425	rBV	214158	356355	3.44%	0.219%
81	17.535	2443	2445	2449	rVB	72146	79275	0.77%	0.049%
82	17.912	2506	2509	2515	rVB5	85123	132373	1.28%	0.081%
83	18.035	2523	2530	2544	rBV2	2060584	3432788	33.16%	2.112%
84	18.206	2555	2559	2563	rBV2	151679	233870	2.26%	0.144%
85	18.364	2582	2586	2595	rVB2	216742	357354	3.45%	0.220%
86	18.517	2609	2612	2615	rVB	111643	123326	1.19%	0.076%
87	18.559	2616	2619	2624	rVB	148134	178179	1.72%	0.110%
88	18.970	2686	2689	2692	rVB2	164891	186389	1.80%	0.115%
89	19.200	2724	2728	2742	rVB	1881363	2496360	24.11%	1.536%
90	19.323	2745	2749	2752	rBV	445422	622977	6.02%	0.383%
91	19.541	2780	2786	2789	rBV	6914091	10155384	98.09%	6.247%
92	21.047	3039	3042	3050	rBV	3650949	4502676	43.49%	2.770%
93	21.341	3087	3092	3096	rBV	4607505	6479193	62.58%	3.986%
94	21.494	3116	3118	3122	rVB	709852	749747	7.24%	0.461%
95	21.952	3191	3196	3206	rBV3	3118351	5062823	48.90%	3.114%
96	22.405	3271	3273	3283	rVB	2083275	2688591	25.97%	1.654%
97	22.923	3357	3361	3365	rBV2	3307143	4845642	46.80%	2.981%
98	23.476	3450	3455	3467	rVB3	3872384	10353135	100.00%	6.368%
99	23.617	3475	3479	3485	rVB2	2650309	4820319	46.56%	2.965%
100	24.158	3567	3571	3579	rVB	2026558	3769294	36.41%	2.319%

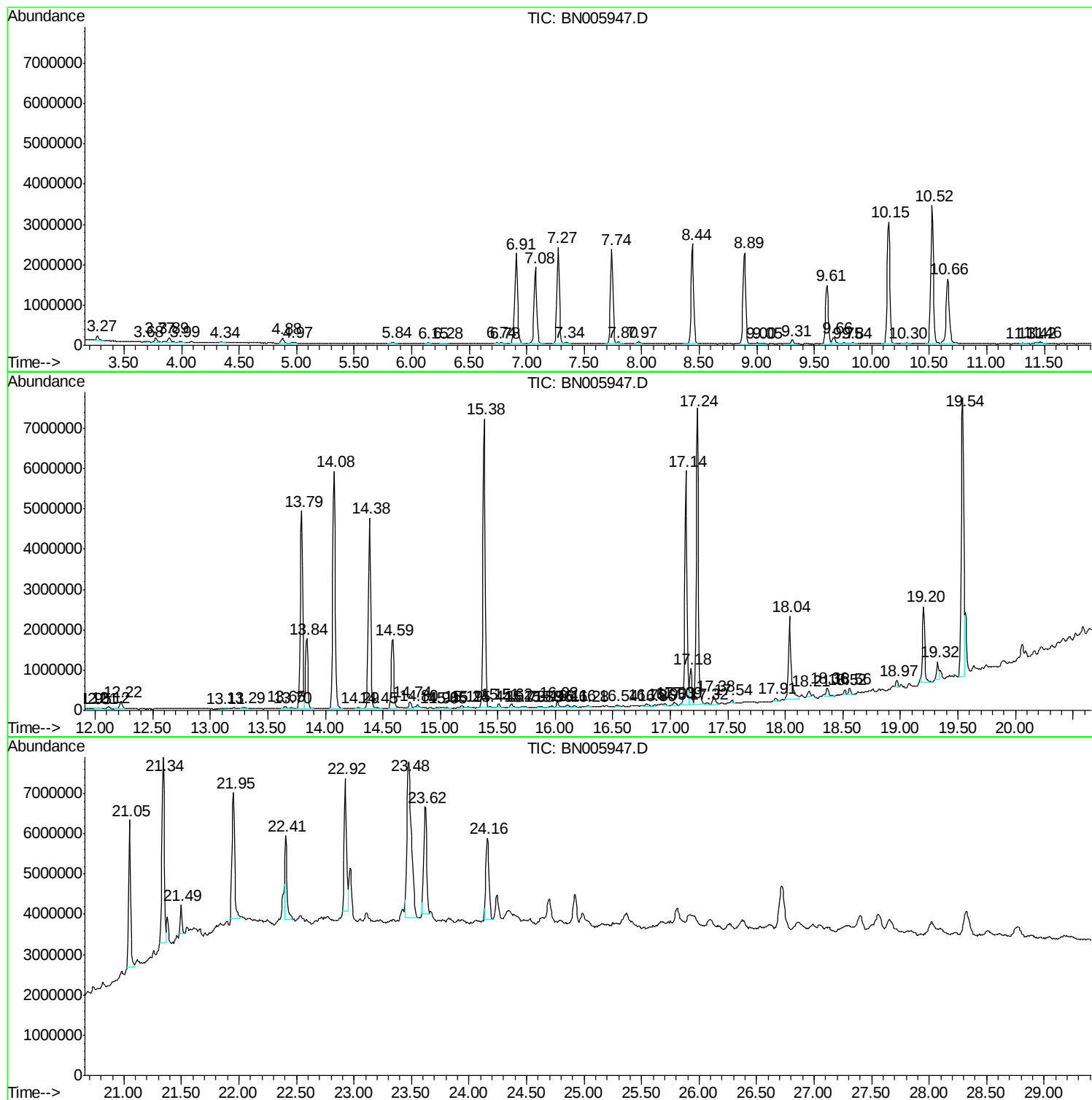
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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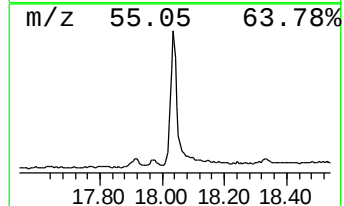
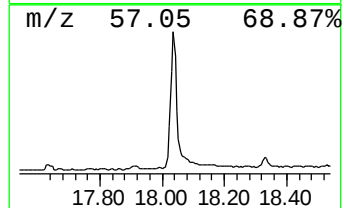
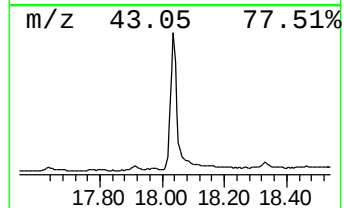
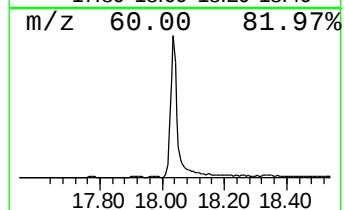
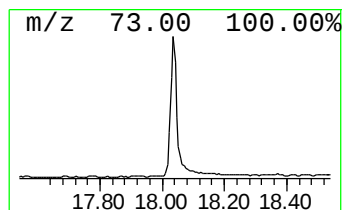
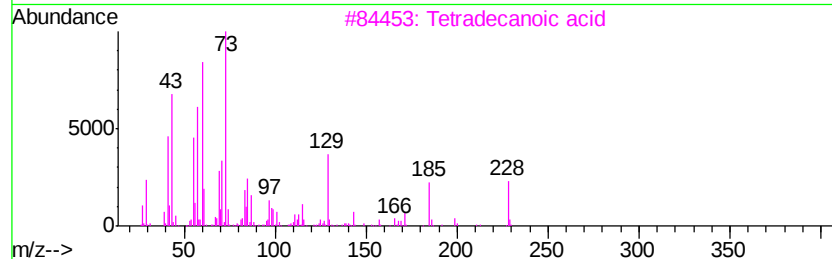
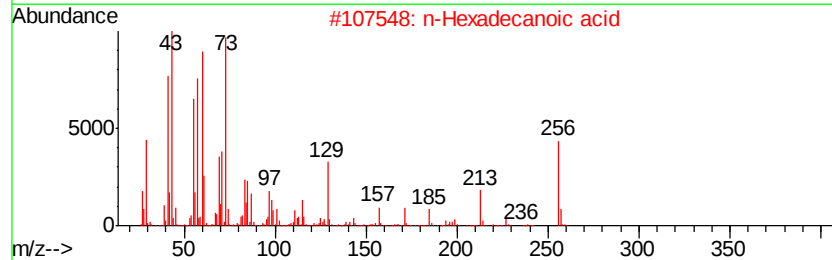
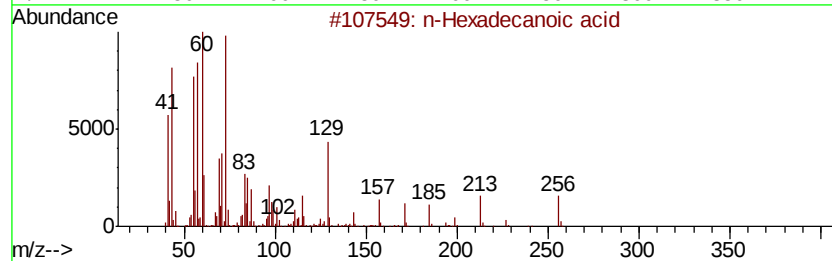
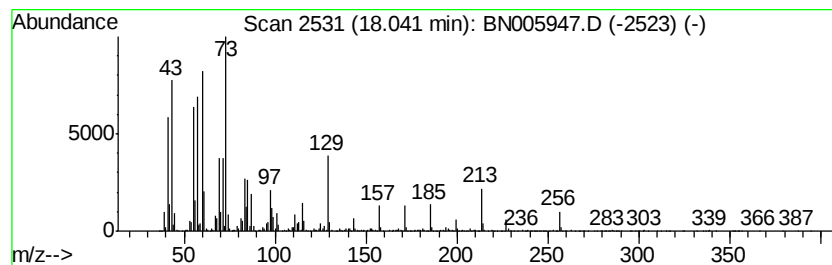
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.57 ng/ul	3432790	Phenanthrene-d10	17.14

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		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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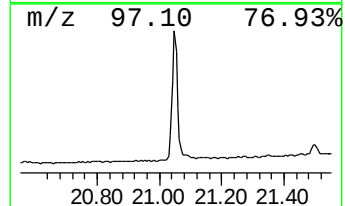
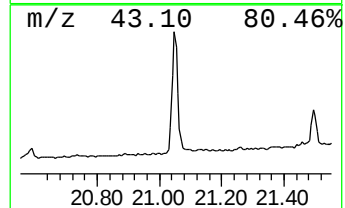
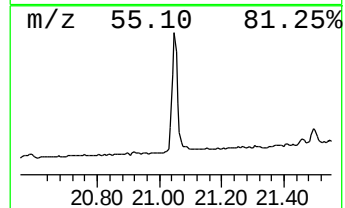
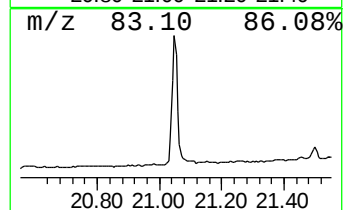
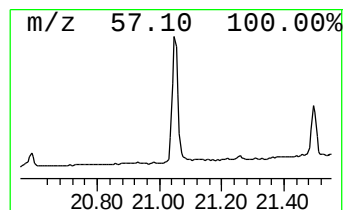
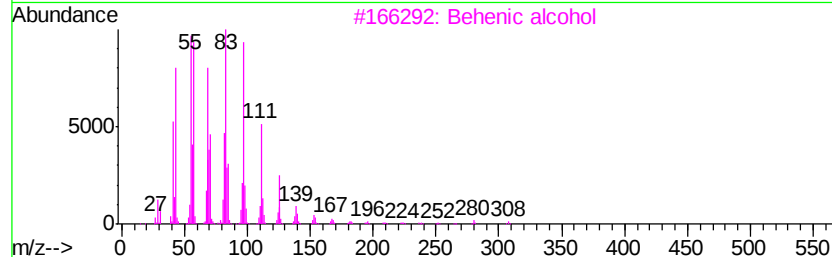
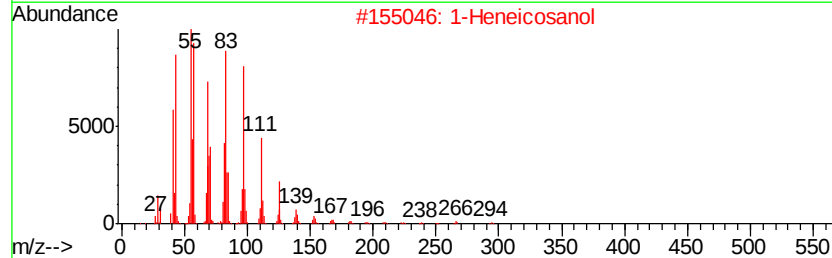
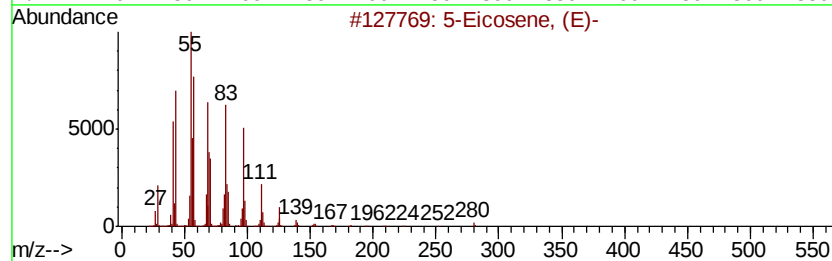
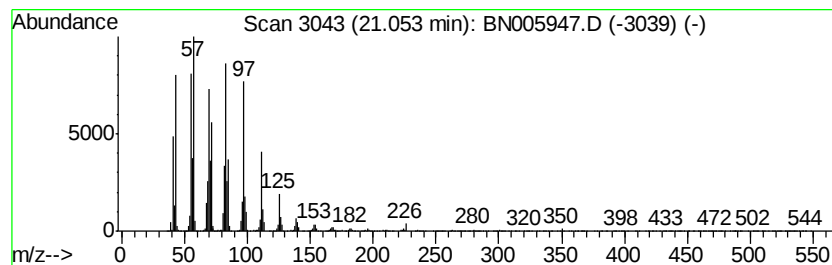
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	13.90 ng/ul	4502680	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93



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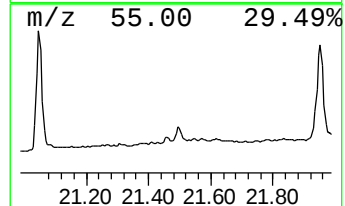
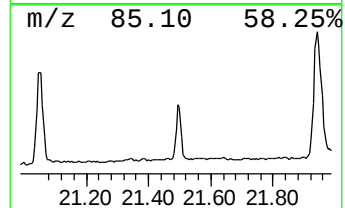
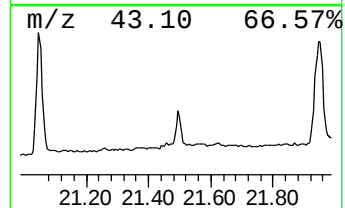
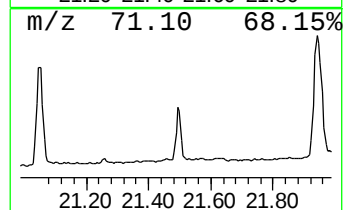
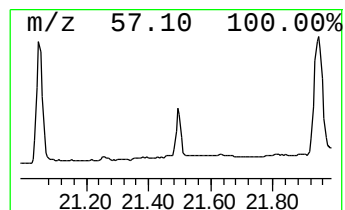
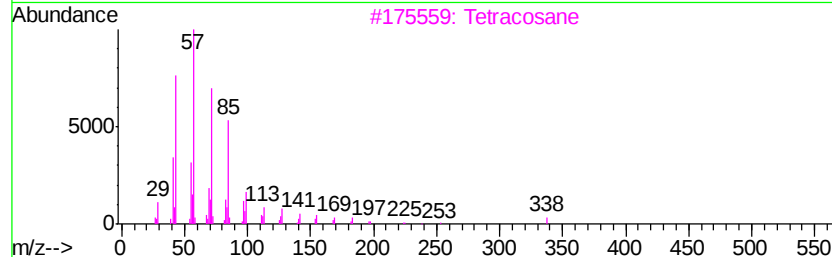
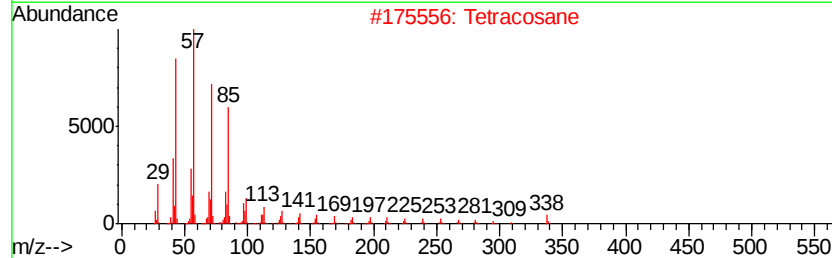
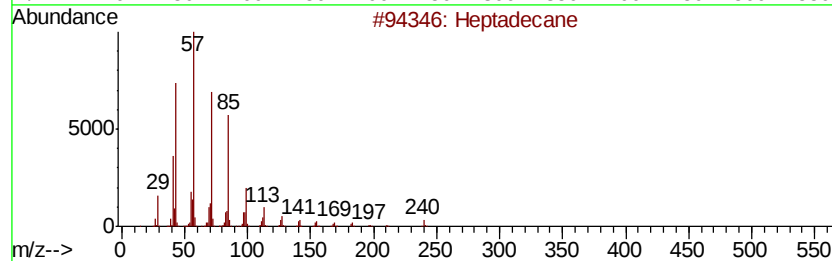
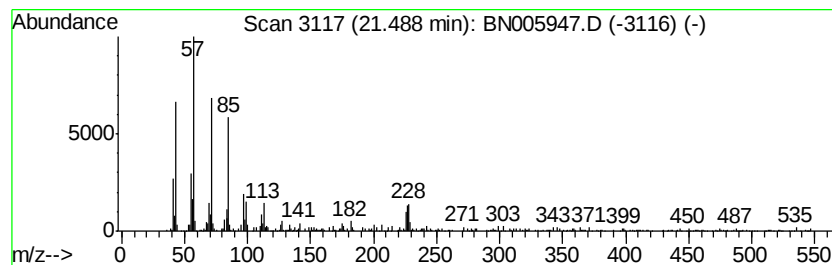
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.31 ng/ul	749747	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tetracosane	338	C24H50	000646-31-1	93
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptacosane	380	C27H56	000593-49-7	89



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Data File : BN005947.D
Acq On : 30 May 2019 00:52
Operator : JU/SJ
Sample : K2924-13
Misc :
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Instrument :
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ClientSampleId :
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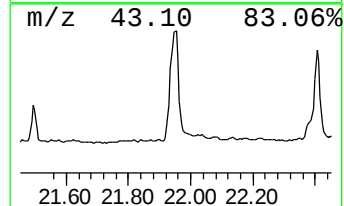
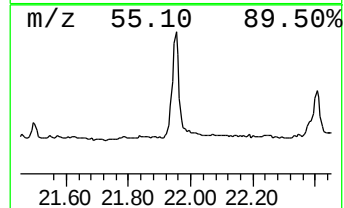
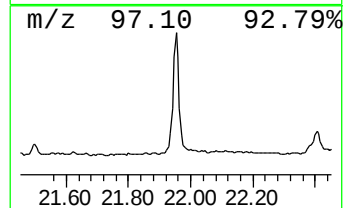
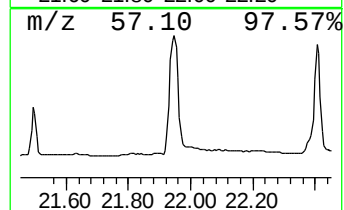
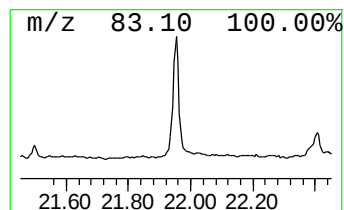
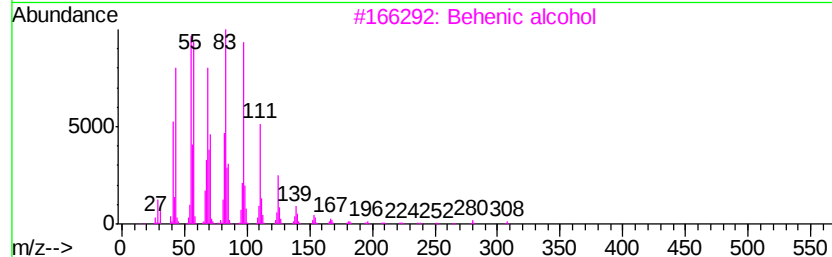
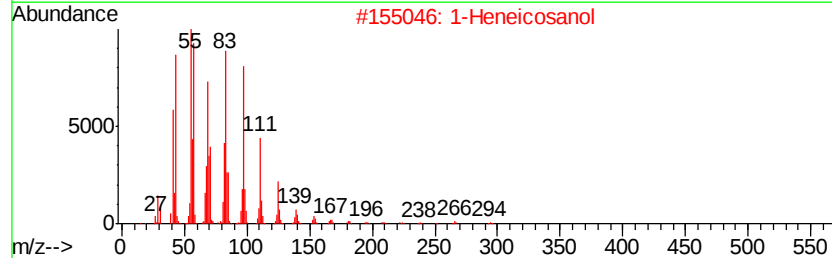
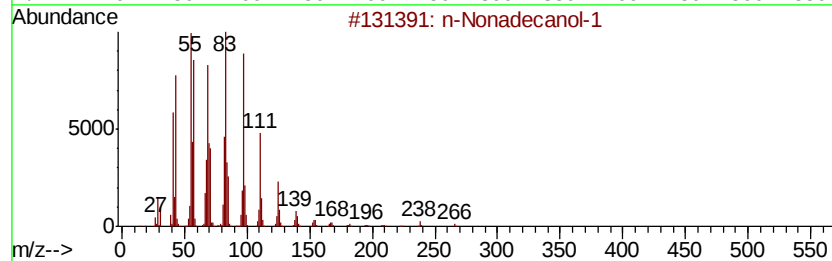
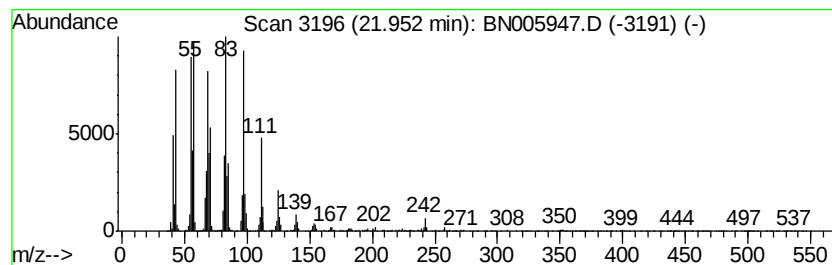
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	15.63 ng/ul	5062820	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94	
2	1-Heneicosanol	312	C21H44O	015594-90-8	94	
3	Behenic alcohol	326	C22H46O	000661-19-8	94	
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94	
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005947.D
Acq On : 30 May 2019 00:52
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4275

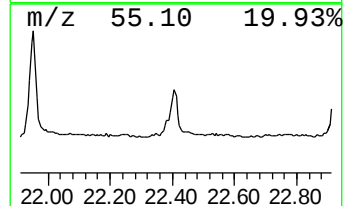
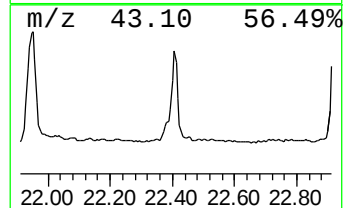
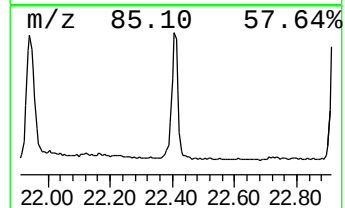
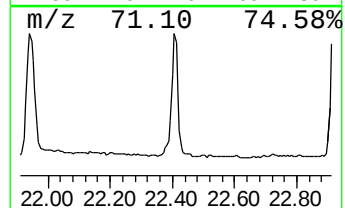
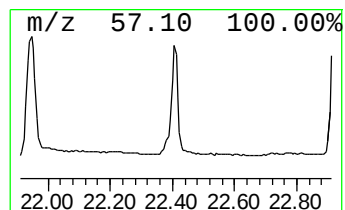
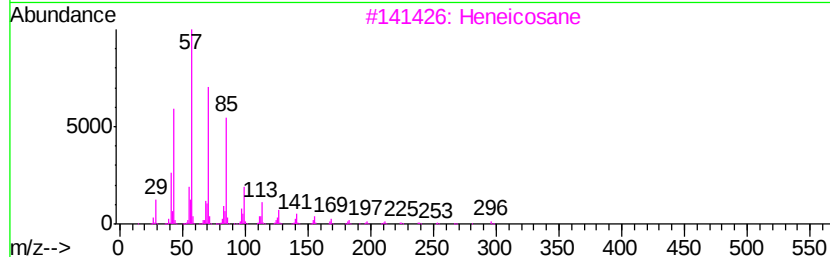
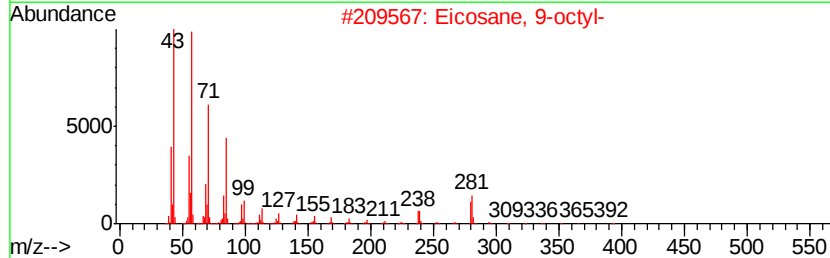
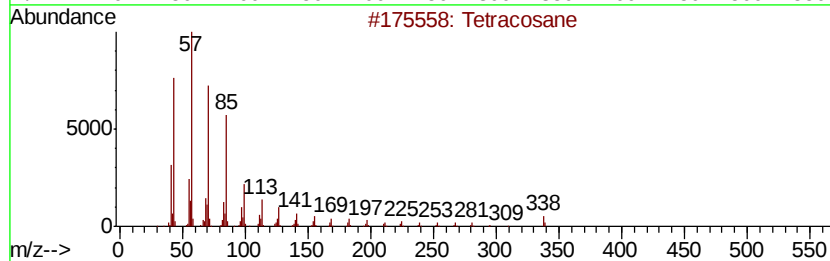
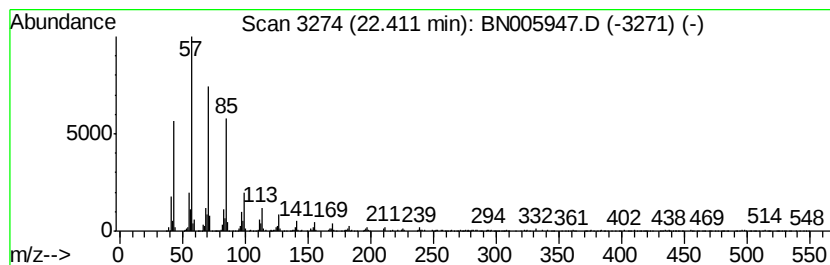
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Quant Title : SVOA CALIBRATION

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.
22.41	8.30 ng/ul	2688590	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005947.D
Acq On : 30 May 2019 00:52
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

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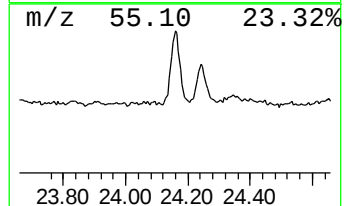
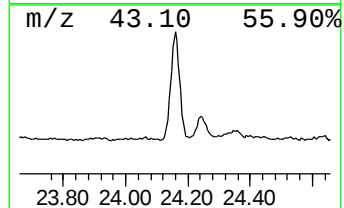
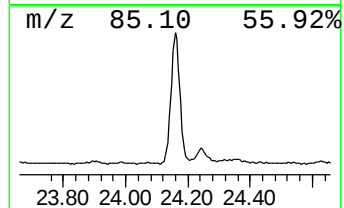
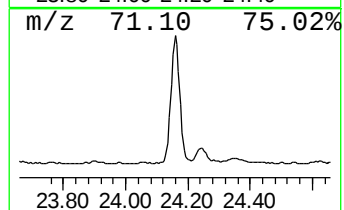
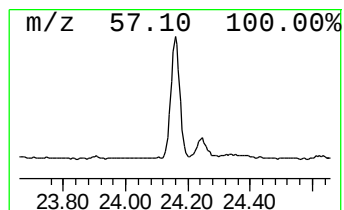
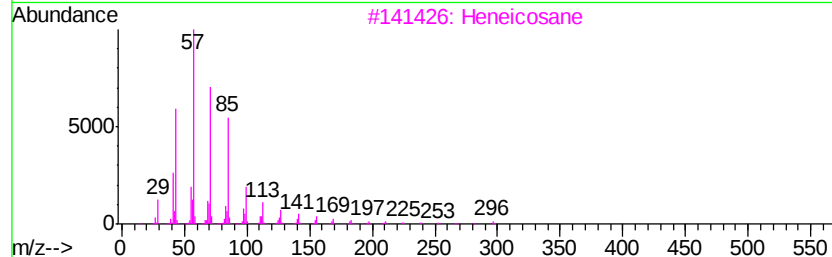
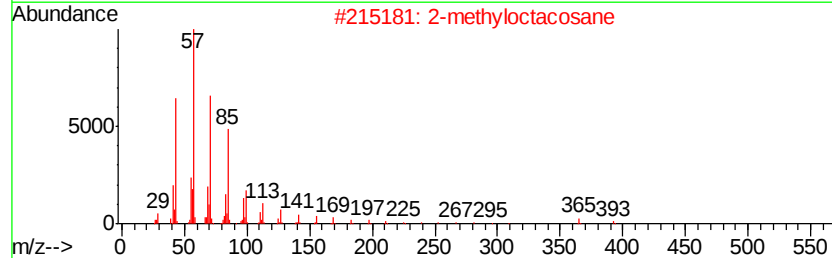
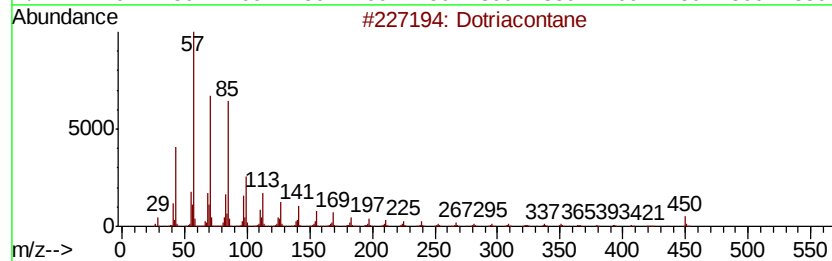
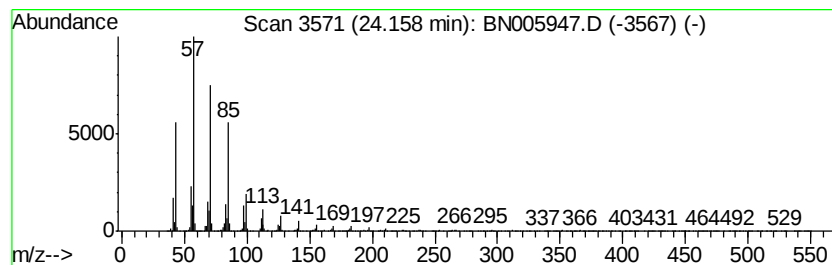
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	15.64 ng/ul	3769290	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
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Sample : K2924-13
Misc :
ALS Vial : 27 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	8.6	ng/ul	3432790	4	17.14	8008740	20.0
(DEL) Alkane: Cyc...	21.05	13.9	ng/ul	4502680	5	21.34	6479190	20.0
(DEL) Alkane: Str...	21.49	2.3	ng/ul	749747	5	21.34	6479190	20.0
n-Nonadecanol-1	21.95	15.6	ng/ul	5062820	5	21.34	6479190	20.0
(DEL) Alkane: Str...	22.41	8.3	ng/ul	2688590	5	21.34	6479190	20.0
(DEL) Alkane: Str...	24.16	15.6	ng/ul	3769290	6	23.62	4820320	20.0