

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
 Data File : BN006020.D
 Acq On : 02 Jun 2019 07:50
 Operator : JU/SJ
 Sample : K2928-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F7

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	3.254	13	17	24	rVB	72927	99882	1.12%	0.103%
2	3.660	82	86	91	rVB	15033	19935	0.22%	0.021%
3	3.754	98	102	109	rVB	88974	118863	1.34%	0.123%
4	3.824	112	114	118	rVV2	12080	14881	0.17%	0.015%
5	3.877	118	123	128	rVB	126691	186282	2.09%	0.193%
6	3.971	135	139	143	rVB	22851	30365	0.34%	0.031%
7	4.071	151	156	161	rVB2	20588	34380	0.39%	0.036%
8	4.136	161	167	173	rBV5	13661	26343	0.30%	0.027%
9	4.330	193	200	204	rBV4	16434	27113	0.30%	0.028%
10	4.513	226	231	235	rVB2	21792	33372	0.38%	0.035%
11	4.854	284	289	295	rVV	145138	210872	2.37%	0.218%
12	4.948	301	305	312	rBV3	26746	43865	0.49%	0.045%
13	5.818	446	453	459	rVB3	20512	35793	0.40%	0.037%
14	6.130	502	506	510	rVB2	18492	25852	0.29%	0.027%
15	6.383	545	549	556	rVB6	9436	16008	0.18%	0.017%
16	6.601	581	586	591	rBV2	29733	45858	0.52%	0.047%
17	6.718	600	606	612	rBV3	15925	27450	0.31%	0.028%
18	6.895	628	636	651	rBV	1277615	2240042	25.18%	2.318%
19	7.065	658	665	678	rBV	1103158	1770545	19.90%	1.832%
20	7.259	688	698	709	rBV	1457566	2237159	25.14%	2.315%
21	7.348	709	713	721	rVB8	8414	21296	0.24%	0.022%
22	7.536	741	745	753	rVB5	7814	13666	0.15%	0.014%
23	7.724	770	777	785	rBV	1572073	2554373	28.71%	2.644%
24	7.789	785	788	793	rVB	25105	37144	0.42%	0.038%
25	8.265	863	869	872	rBV6	7652	14440	0.16%	0.015%
26	8.430	889	897	913	rBV	1467583	2403505	27.01%	2.487%
27	8.542	913	916	922	rVV	32009	54587	0.61%	0.056%
28	8.883	966	974	985	rVV	1338905	2186643	24.58%	2.263%
29	8.995	989	993	994	rVV3	15413	20878	0.23%	0.022%
30	9.030	996	999	1009	rVB8	18831	44377	0.50%	0.046%
31	9.301	1036	1045	1049	rBV	37580	55861	0.63%	0.058%
32	9.601	1087	1096	1105	rBV	1106464	1828098	20.55%	1.892%
33	9.824	1131	1134	1139	rVB5	7453	12433	0.14%	0.013%
34	10.136	1179	1187	1203	rBV	1611617	2829429	31.80%	2.928%

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35	10.389	1223	1230	1234	rVB9	5800	10975	0.12%	0.011%
36	10.518	1244	1252	1265	rBV	2141080	3700515	41.59%	3.830%
37	10.653	1268	1275	1295	rVB	613850	1225302	13.77%	1.268%
38	11.053	1337	1343	1346	rBV8	6213	11208	0.13%	0.012%
39	11.306	1382	1386	1390	rVV4	16150	26273	0.30%	0.027%
40	11.553	1421	1428	1432	rBV6	6259	12455	0.14%	0.013%
41	11.942	1490	1494	1501	rBV5	8726	14467	0.16%	0.015%
42	12.112	1517	1523	1530	rVV	29364	46079	0.52%	0.048%
43	12.189	1530	1536	1542	rVB4	10765	18765	0.21%	0.019%
44	12.400	1569	1572	1580	rBV4	6581	13797	0.16%	0.014%
45	12.642	1607	1613	1622	rBV8	5822	12992	0.15%	0.013%
46	12.730	1622	1628	1633	rVB6	9188	16367	0.18%	0.017%
47	12.983	1666	1671	1676	rVB4	13834	22145	0.25%	0.023%
48	13.106	1686	1692	1697	rBV7	9062	15463	0.17%	0.016%
49	13.206	1705	1709	1713	rBV4	9921	14440	0.16%	0.015%
50	13.524	1758	1763	1766	rBV3	15294	23053	0.26%	0.024%
51	13.547	1766	1767	1774	rVB4	7865	11748	0.13%	0.012%
52	13.624	1774	1780	1783	rBV	51930	82801	0.93%	0.086%
53	13.659	1783	1786	1789	rVV3	25377	37390	0.42%	0.039%
54	13.694	1789	1792	1798	rVV6	14991	22548	0.25%	0.023%
55	13.789	1802	1808	1813	rVV	2821391	4089718	45.96%	4.232%
56	13.836	1813	1816	1825	rVV	1295493	1735230	19.50%	1.796%
57	13.906	1825	1828	1831	rVV4	7375	12361	0.14%	0.013%
58	14.071	1850	1856	1867	rVB	3027127	4749631	53.38%	4.915%
59	14.247	1881	1886	1888	rVB4	11142	14930	0.17%	0.015%
60	14.283	1890	1892	1898	rVB4	16022	19776	0.22%	0.020%
61	14.383	1901	1909	1917	rBV2	2910031	4475879	50.30%	4.632%
62	14.447	1917	1920	1926	rVB	26397	40124	0.45%	0.042%
63	14.530	1929	1934	1938	rBV	82575	111884	1.26%	0.116%
64	14.589	1938	1944	1948	rBV	877156	1338365	15.04%	1.385%
65	14.641	1948	1953	1966	rVV	5745990	8897510	100.00%	9.208%
66	14.741	1966	1970	1975	rVB	94967	156741	1.76%	0.162%
67	15.188	2037	2046	2050	rBV	52311	96150	1.08%	0.100%
68	15.241	2052	2055	2062	rVB4	36892	54933	0.62%	0.057%
69	15.383	2069	2079	2085	rBV	3948138	6579762	73.95%	6.809%
70	15.436	2085	2088	2093	rVV3	44529	78976	0.89%	0.082%
71	15.512	2095	2101	2112	rVB	485875	728881	8.19%	0.754%

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72	15.618	2114	2119	2129	rVB3	56370	110924	1.25%	0.115%
73	15.724	2132	2137	2139	rBV6	16187	27096	0.30%	0.028%
74	16.024	2184	2188	2193	rBV5	28246	43701	0.49%	0.045%
75	16.106	2198	2202	2208	rVV4	42867	83539	0.94%	0.086%
76	16.165	2209	2212	2217	rVB6	28165	37270	0.42%	0.039%
77	16.283	2228	2232	2236	rVV5	23078	33235	0.37%	0.034%
78	16.330	2236	2240	2244	rVB7	13628	21466	0.24%	0.022%
79	16.541	2271	2276	2279	rBV7	21799	37590	0.42%	0.039%
80	16.794	2316	2319	2321	rBV3	21550	24110	0.27%	0.025%
81	16.900	2334	2337	2339	rBV3	24145	26020	0.29%	0.027%
82	16.953	2343	2346	2351	rVB	28583	39823	0.45%	0.041%
83	17.035	2357	2360	2368	rBV10	32396	69653	0.78%	0.072%
84	17.135	2371	2377	2382	rVV2	3043975	4450597	50.02%	4.606%
85	17.177	2382	2384	2388	rVV	308260	386064	4.34%	0.400%
86	17.235	2388	2394	2404	rVB2	3473585	5123609	57.58%	5.302%
87	17.847	2495	2498	2503	rVB5	50182	61625	0.69%	0.064%
88	18.035	2526	2530	2539	rVB2	337321	524992	5.90%	0.543%
89	18.212	2557	2560	2564	rBV3	46706	59992	0.67%	0.062%
90	18.518	2610	2612	2616	rBV2	46438	62149	0.70%	0.064%
91	19.206	2725	2729	2735	rVB	584936	784745	8.82%	0.812%
92	19.541	2781	2786	2800	rBV3	3385950	5628450	63.26%	5.825%
93	21.065	3042	3045	3049	rBV2	595671	681023	7.65%	0.705%
94	21.353	3089	3094	3098	rBV	2495995	3491197	39.24%	3.613%
95	21.953	3193	3196	3197	rBV2	502862	528978	5.95%	0.547%
96	22.423	3272	3276	3287	rVB3	1714833	2785690	31.31%	2.883%
97	22.947	3361	3365	3369	rBV2	1126484	1656325	18.62%	1.714%
98	23.494	3453	3458	3473	rVB3	2057280	5292725	59.49%	5.477%
99	23.641	3478	3483	3490	rVB	1555374	2918214	32.80%	3.020%
100	24.188	3570	3576	3586	rVB	1911440	3795452	42.66%	3.928%

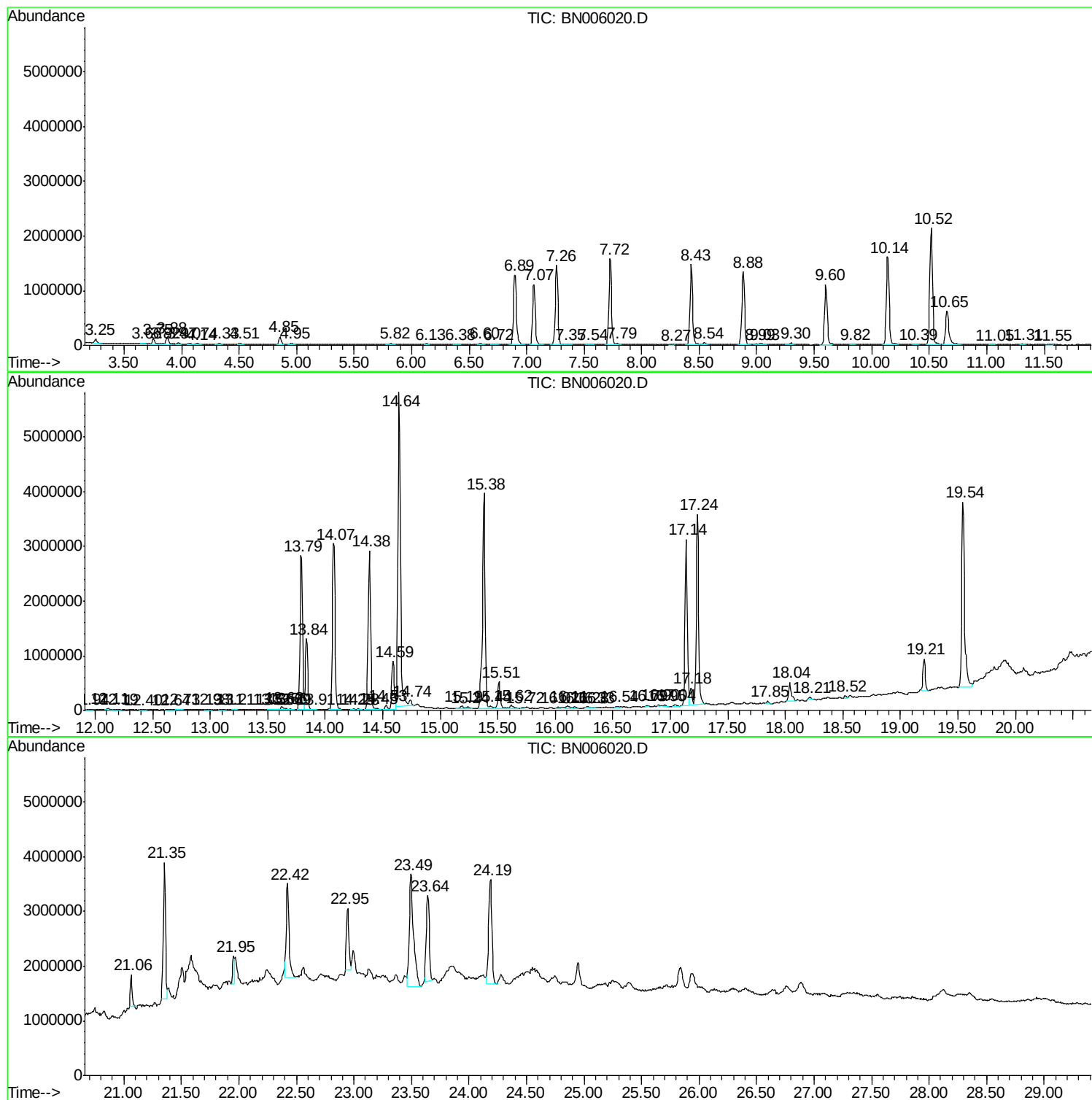
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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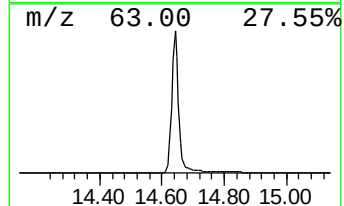
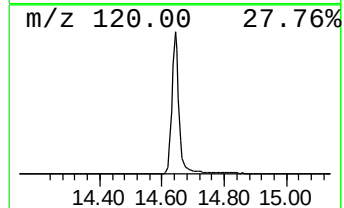
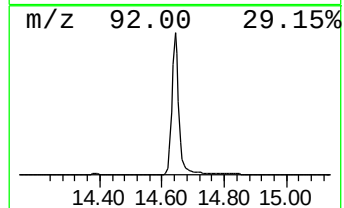
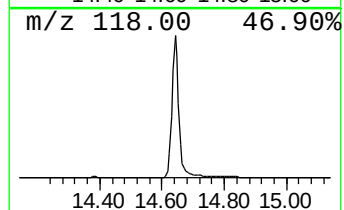
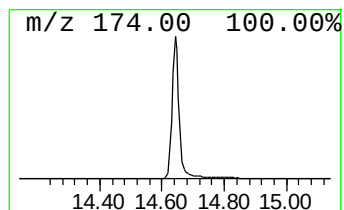
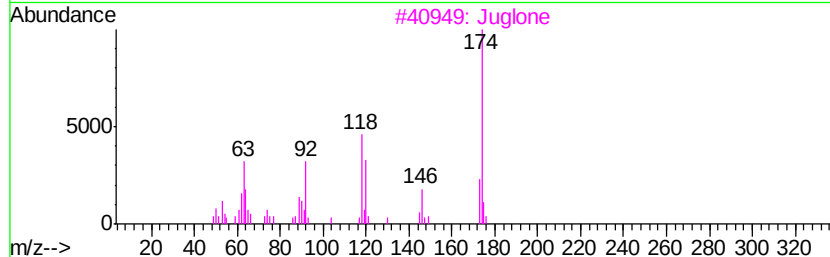
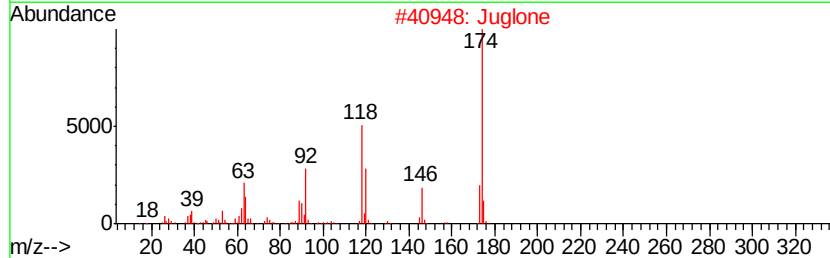
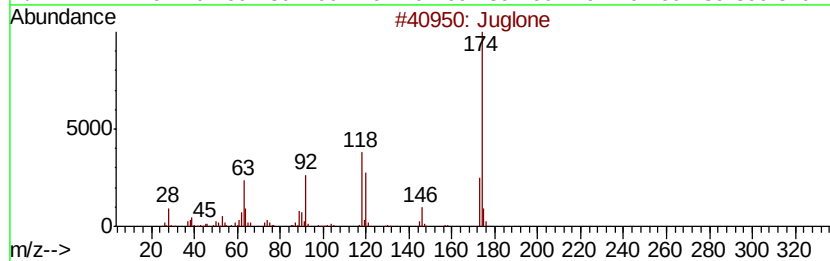
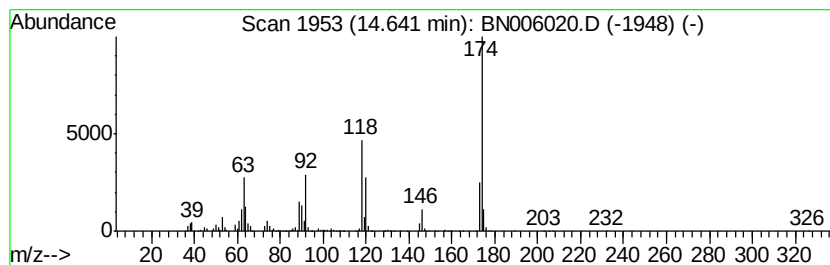
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	39.76 ng/ul	8897510	Acenaphthene-d10	14.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone		174 C10H6O3	000481-39-0 98
2	Juglone		174 C10H6O3	000481-39-0 94
3	Juglone		174 C10H6O3	000481-39-0 94
4	1-Methyl-5-(4-methylphenyl)tetra...		174 C9H10N4	068826-33-5 47
5	Benzene, 1,3-diisocyanato-2-methyl-		174 C9H6N2O2	000091-08-7 43



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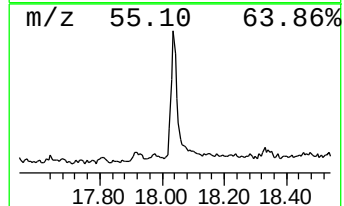
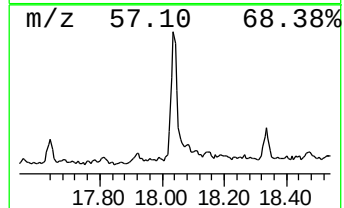
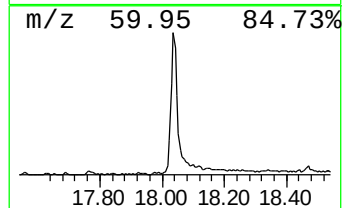
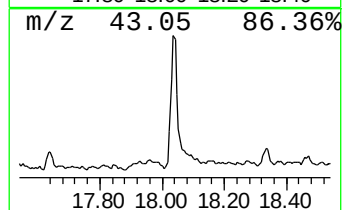
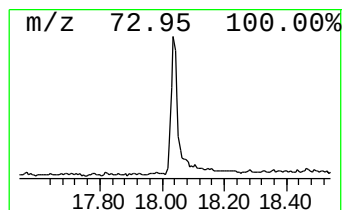
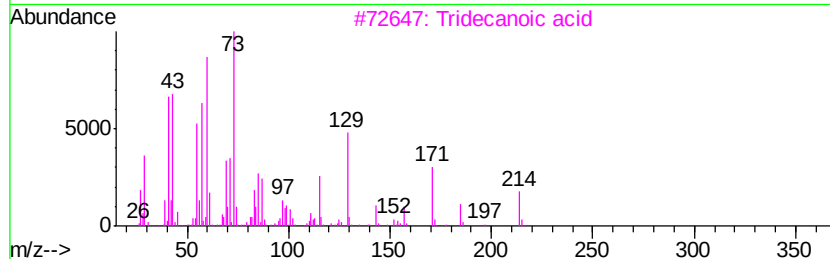
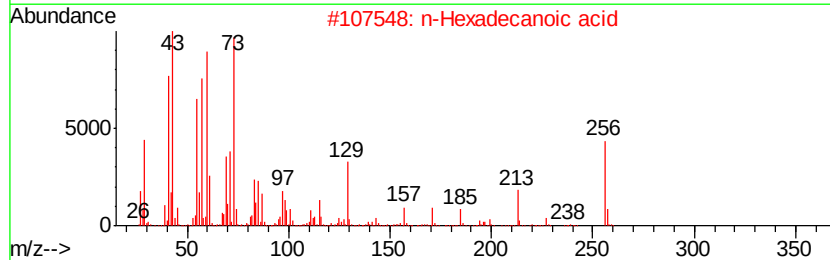
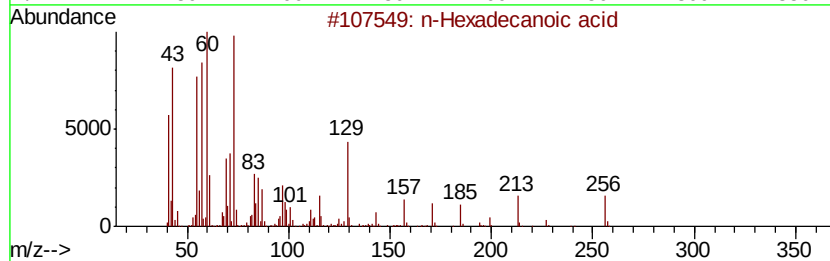
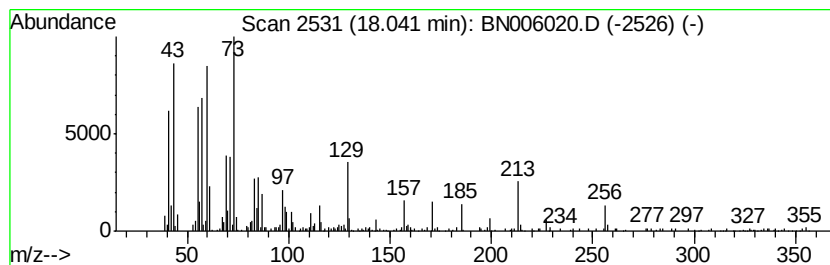
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.36 ng/ul	524992	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		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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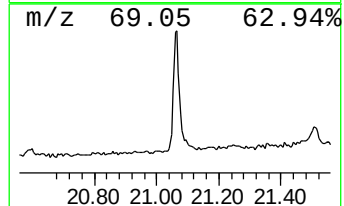
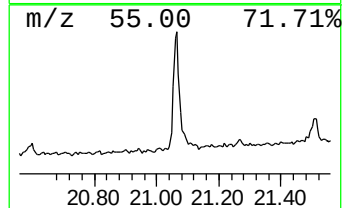
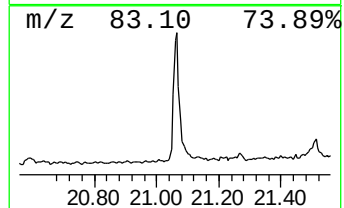
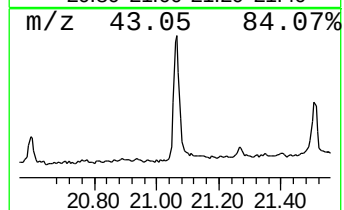
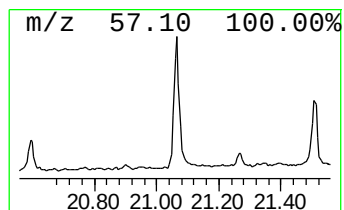
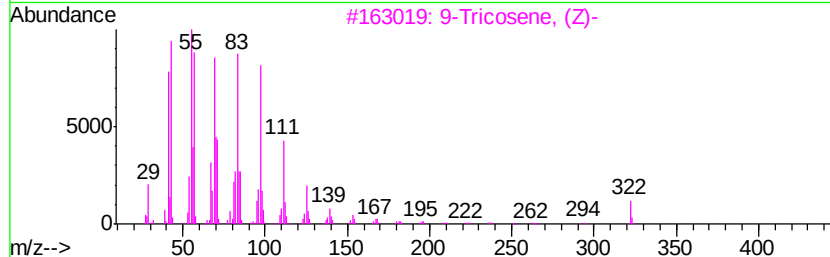
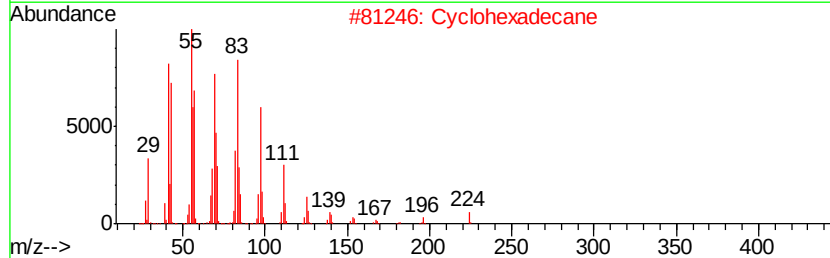
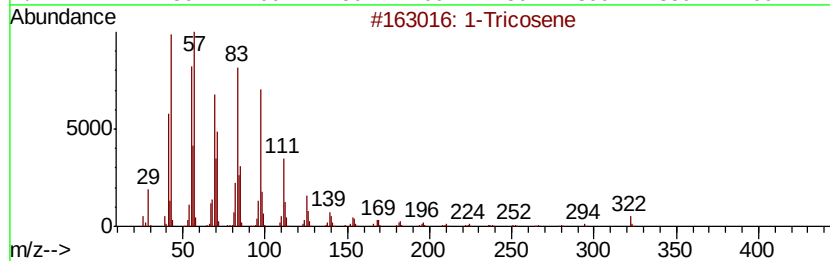
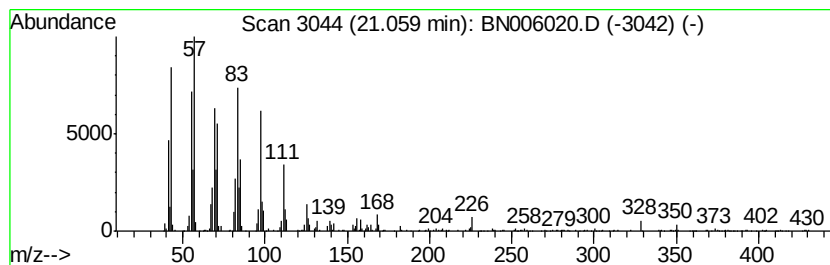
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.90 ng/ul	681023	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	98
2		Cyclohexadecane	224	C16H32	000295-65-8	92
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4		E-7-Octadecene	252	C18H36	1000130-92-0	91
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	90



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Acq On : 02 Jun 2019 07:50
Operator : JU/SJ
Sample : K2928-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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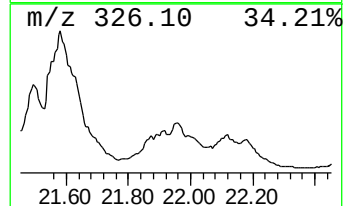
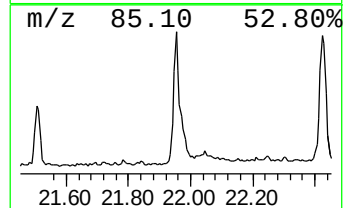
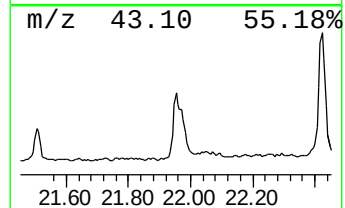
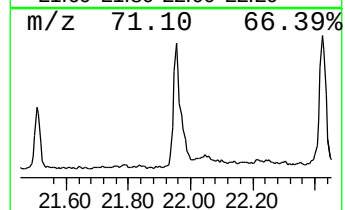
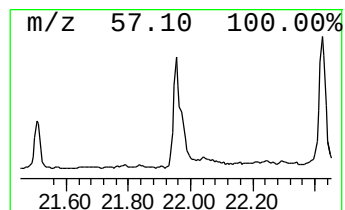
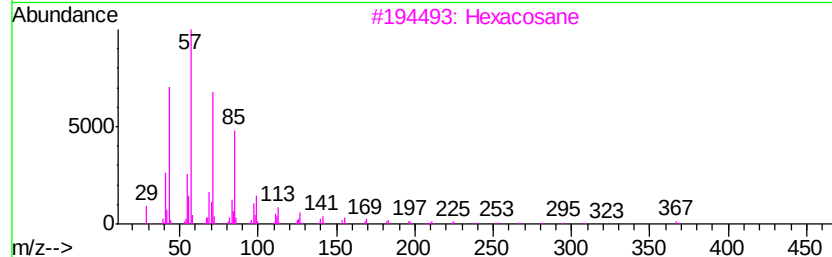
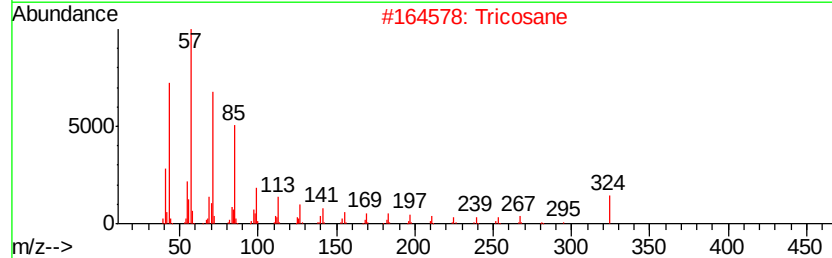
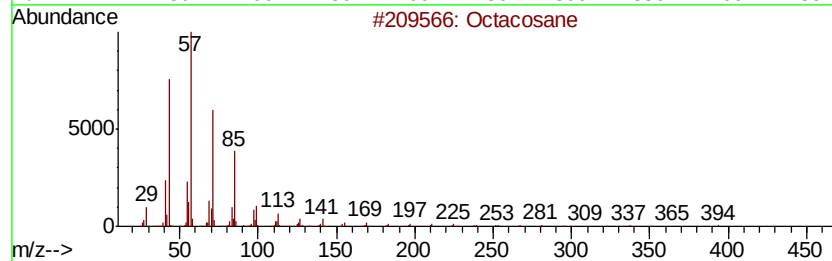
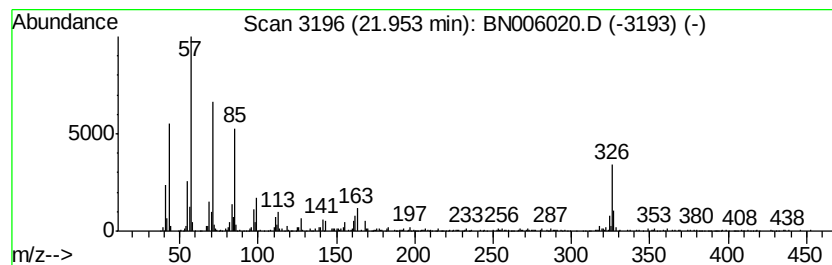
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	3.03 ng/ul	528978	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Tricosane	324	C23H48	000638-67-5	83
3		Hexacosane	366	C26H54	000630-01-3	70
4		Heneicosane	296	C21H44	000629-94-7	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006020.D
Acq On : 02 Jun 2019 07:50
Operator : JU/SJ
Sample : K2928-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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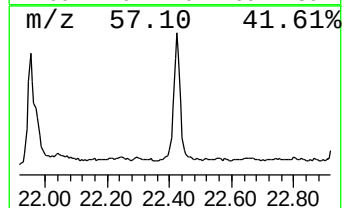
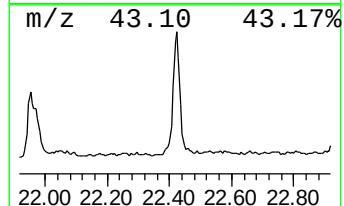
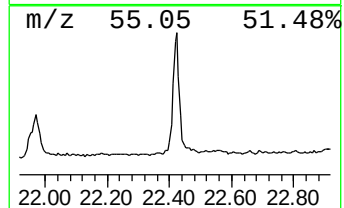
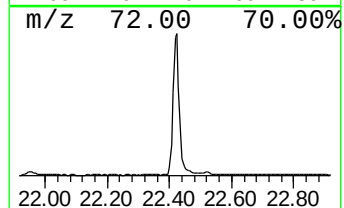
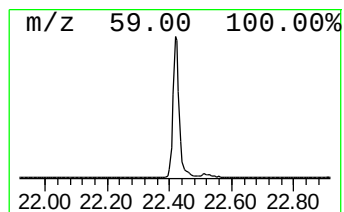
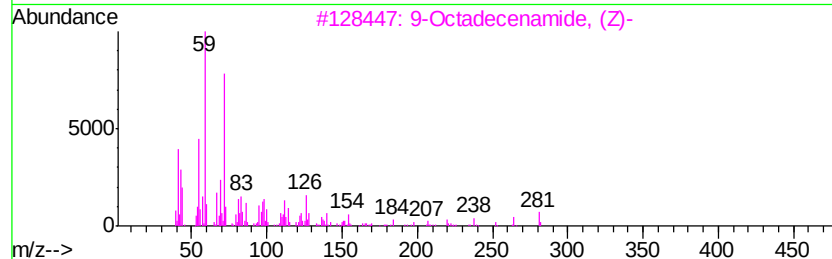
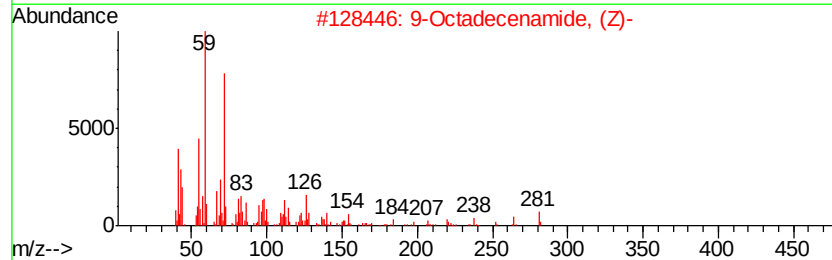
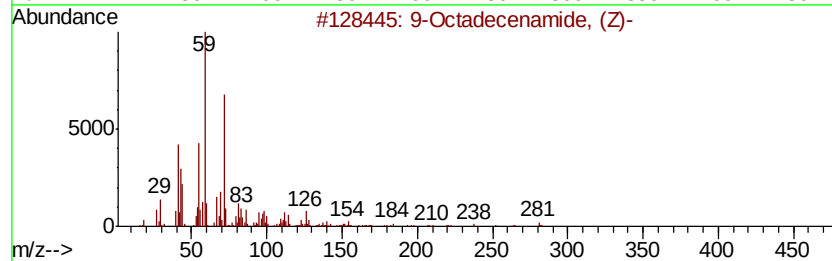
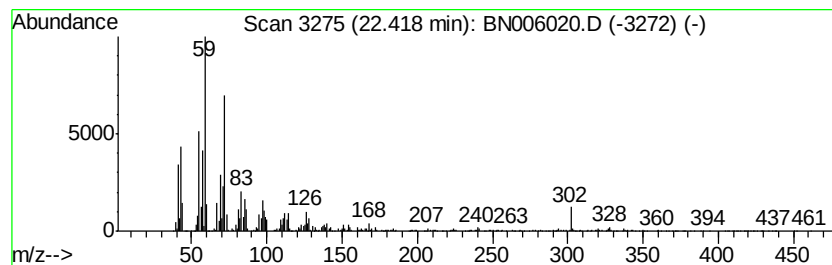
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	15.96 ng/ul	2785690	Chrysene-d12	21.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
4			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	58
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006020.D
Acq On : 02 Jun 2019 07:50
Operator : JU/SJ
Sample : K2928-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

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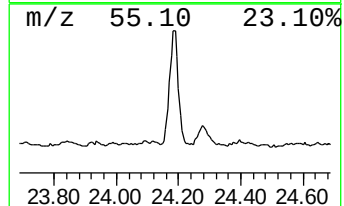
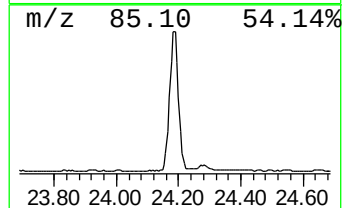
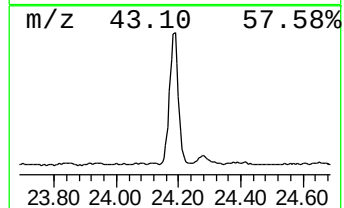
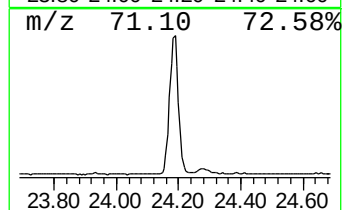
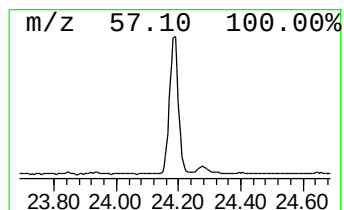
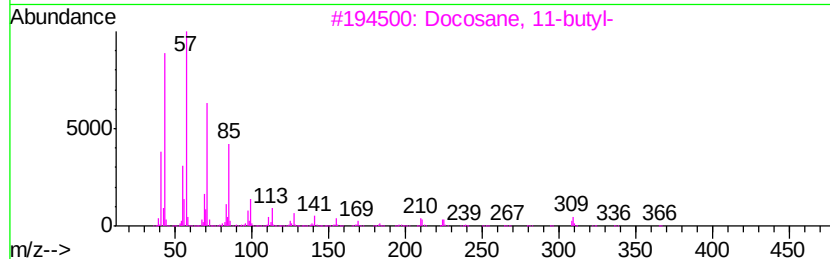
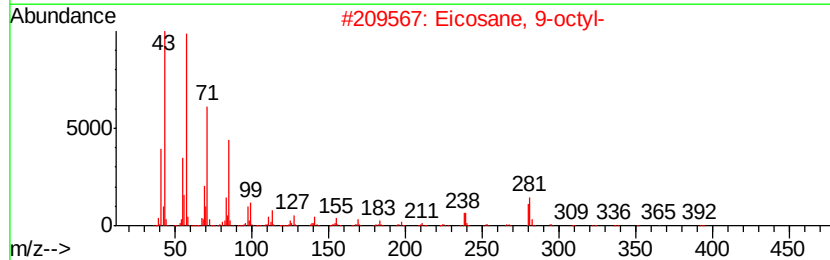
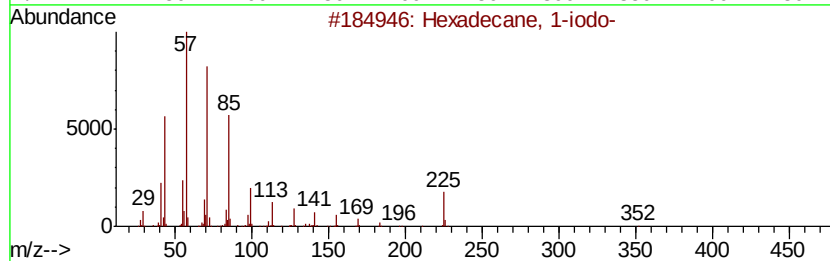
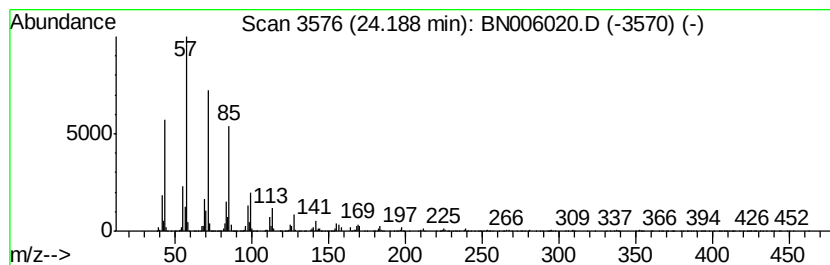
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	26.01 ng/ul	3795450	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Tetracosane	338	C24H50	000646-31-1	92
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006020.D
Acq On : 02 Jun 2019 07:50
Operator : JU/SJ
Sample : K2928-20
Misc :
ALS Vial : 21 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
Juglone	14.64	39.8	ng/ul	8897510	3	14.38	4475880	20.0
n-Hexadecanoic acid	18.04	2.4	ng/ul	524992	4	17.14	4450600	20.0
(DEL) Alkane: Cyc...	21.06	3.9	ng/ul	681023	5	21.35	3491200	20.0
(DEL) Alkane: Str...	21.95	3.0	ng/ul	528978	5	21.35	3491200	20.0
9-Octadecenamide,...	22.42	16.0	ng/ul	2785690	5	21.35	3491200	20.0
Hexadecane, 1-iodo-	24.19	26.0	ng/ul	3795450	6	23.64	2918210	20.0