

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023947.D
 Acq On : 28 Nov 2019 11:54
 Operator : JU
 Sample : K5915-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNW5

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	124211	186236	1.47%	0.152%
2	3.740	143	145	149	rVB3	16454	18907	0.15%	0.015%
3	4.087	201	204	214	rVB8	18248	43000	0.34%	0.035%
4	4.687	303	306	312	rVB5	9594	16340	0.13%	0.013%
5	6.675	638	644	660	rBV	1927385	3215951	25.45%	2.623%
6	6.834	665	671	690	rVB	1543308	2533913	20.05%	2.067%
7	7.022	695	703	716	rBV	2117951	3369827	26.66%	2.749%
8	7.486	775	782	792	rBV	1480280	2290798	18.13%	1.869%
9	7.569	793	796	802	rVB5	13026	21833	0.17%	0.018%
10	8.204	897	904	923	rBV	2486695	4022204	31.83%	3.281%
11	8.639	969	978	993	rBV	1873012	3124830	24.73%	2.549%
12	9.086	1048	1054	1059	rVB	21341	33464	0.26%	0.027%
13	9.357	1091	1100	1110	rBV	1547058	2615224	20.69%	2.133%
14	9.892	1183	1191	1207	rBV	2452165	4185693	33.12%	3.414%
15	10.257	1246	1253	1263	rBV	2016035	3286760	26.01%	2.681%
16	10.404	1270	1278	1299	rBV	2207336	4092573	32.38%	3.338%
17	11.869	1519	1527	1535	rBV	34094	69809	0.55%	0.057%
18	13.057	1724	1729	1735	rBV6	9731	14214	0.11%	0.012%
19	13.568	1809	1816	1820	rBV	4328057	5902522	46.70%	4.815%
20	13.615	1820	1824	1835	rVB	1253651	1780920	14.09%	1.453%
21	13.833	1854	1861	1875	rBV	5136684	7666154	60.66%	6.253%
22	14.074	1897	1902	1907	rBV7	8540	16013	0.13%	0.013%
23	14.145	1907	1914	1926	rBV	2962632	4478304	35.44%	3.653%
24	14.374	1947	1953	1976	rBV	1340673	2520714	19.95%	2.056%
25	14.592	1985	1990	1999	rVB3	47050	85744	0.68%	0.070%
26	14.692	2004	2007	2013	rVB6	7115	13606	0.11%	0.011%
27	14.974	2052	2055	2061	rBV3	9951	16466	0.13%	0.013%
28	15.033	2061	2065	2072	rVB6	12112	18154	0.14%	0.015%
29	15.151	2078	2085	2098	rBV	6519595	9430595	74.62%	7.692%
30	15.286	2102	2108	2121	rBV	1673314	2430682	19.23%	1.983%
31	15.386	2121	2125	2130	rVB	67549	105083	0.83%	0.086%
32	15.586	2157	2159	2165	rVB6	10946	13957	0.11%	0.011%
33	15.845	2199	2203	2205	rBV5	8097	13193	0.10%	0.011%
34	15.898	2209	2212	2215	rVV4	9547	13865	0.11%	0.011%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023947.D
 Acq On : 28 Nov 2019 11:54
 Operator : JU
 Sample : K5915-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNW5

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

35	15.939	2215	2219	2224	rVB	28336	41791	0.33%	0.034%
36	16.351	2285	2289	2292	rBV5	7931	13227	0.10%	0.011%
37	16.574	2325	2327	2332	rVB5	10535	13716	0.11%	0.011%
38	16.692	2342	2347	2351	rBV	23047	31515	0.25%	0.026%
39	16.898	2376	2382	2393	rBV	3581112	5155693	40.80%	4.205%
40	16.998	2393	2399	2415	rVV	6908347	9907817	78.40%	8.082%
41	17.121	2415	2420	2425	rVB6	47884	77834	0.62%	0.063%
42	17.321	2451	2454	2462	rVB8	9509	17584	0.14%	0.014%
43	17.433	2469	2473	2480	rBV7	10620	15887	0.13%	0.013%
44	17.827	2534	2540	2555	rBV	397218	727174	5.75%	0.593%
45	18.256	2608	2613	2617	rBV6	29475	41259	0.33%	0.034%
46	18.939	2725	2729	2733	rBV	80638	107719	0.85%	0.088%
47	19.115	2756	2759	2767	rBV4	75972	117982	0.93%	0.096%
48	19.192	2768	2772	2778	rVB	66140	98309	0.78%	0.080%
49	19.303	2785	2791	2803	rBV	8373294	11292337	89.35%	9.211%
50	20.850	3049	3054	3060	rBV	614587	939341	7.43%	0.766%
51	21.109	3093	3098	3109	rBV	4603862	6056324	47.92%	4.940%
52	22.274	3292	3296	3303	rVB	864504	1062855	8.41%	0.867%
53	23.121	3433	3440	3446	rBV	7218624	12637977	100.00%	10.308%
54	23.250	3456	3462	3473	rVB	3646452	6594821	52.18%	5.379%

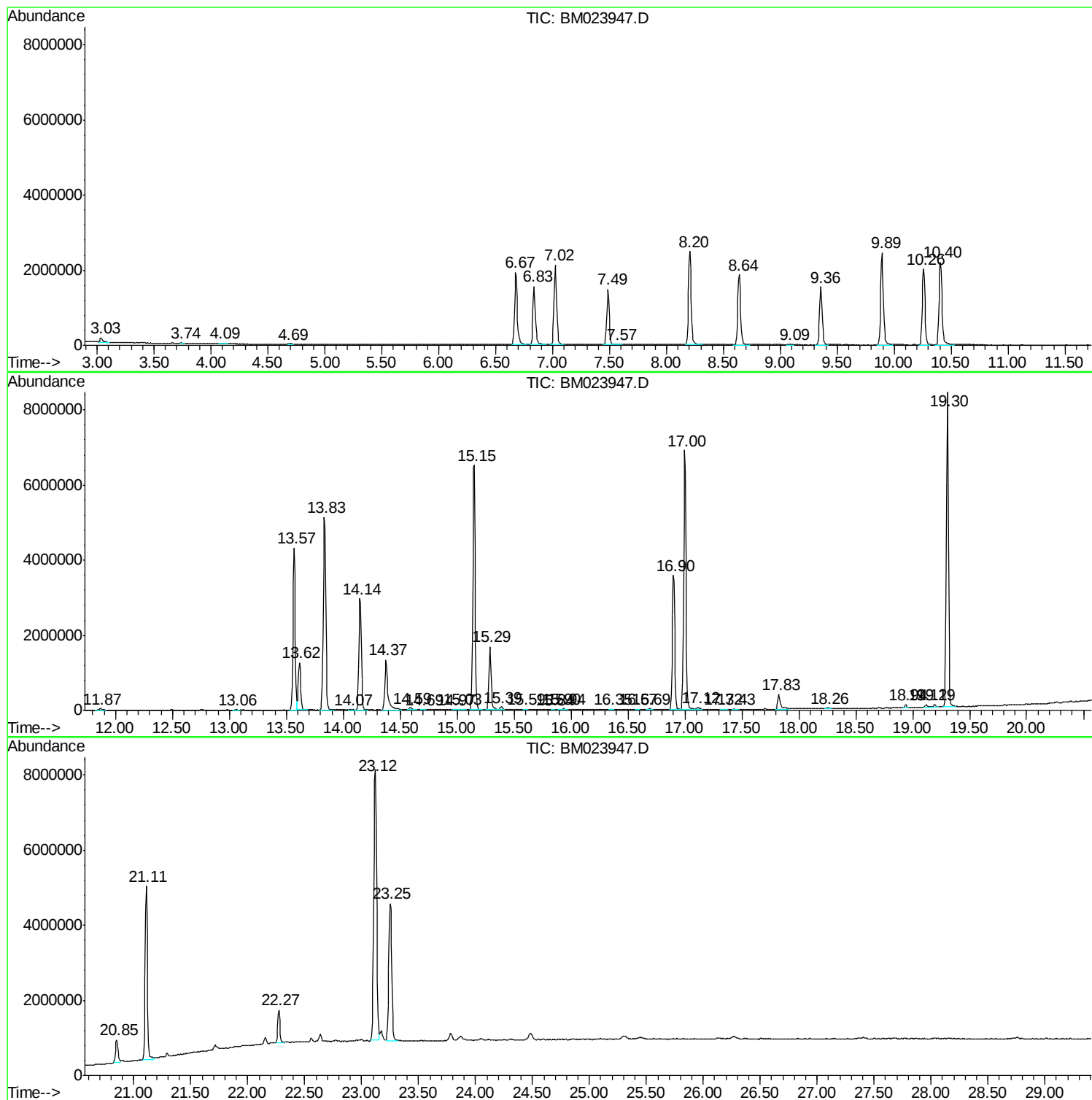
Sum of corrected areas: 122598710

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023947.D
Acq On : 28 Nov 2019 11:54
Operator : JU
Sample : K5915-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNW5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023947.D
Acq On : 28 Nov 2019 11:54
Operator : JU
Sample : K5915-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNW5

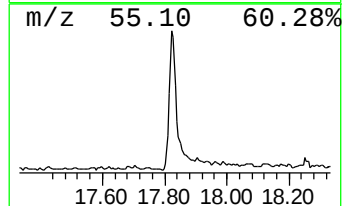
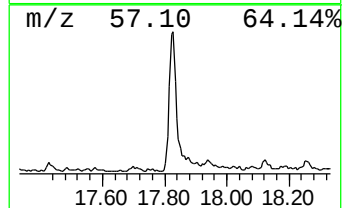
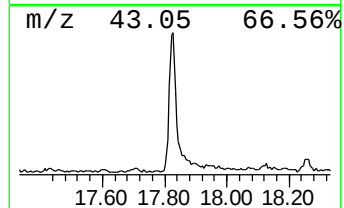
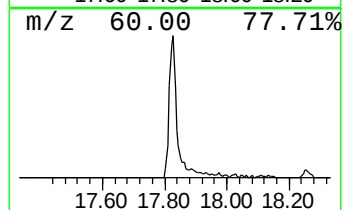
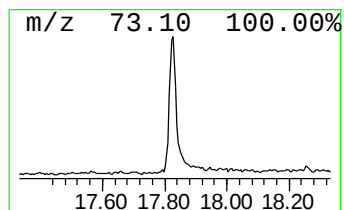
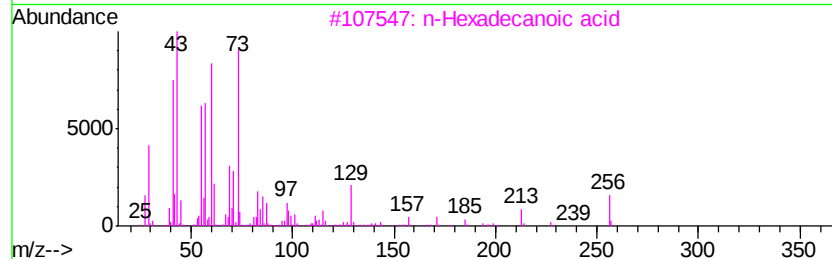
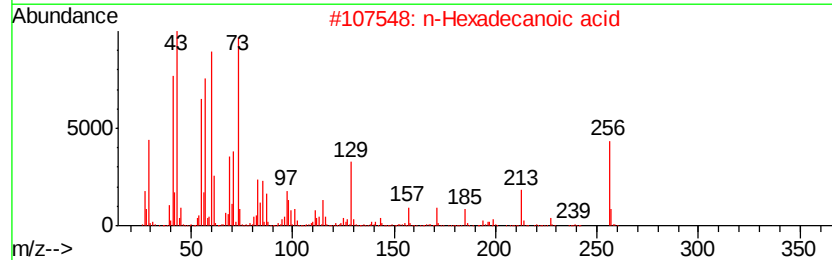
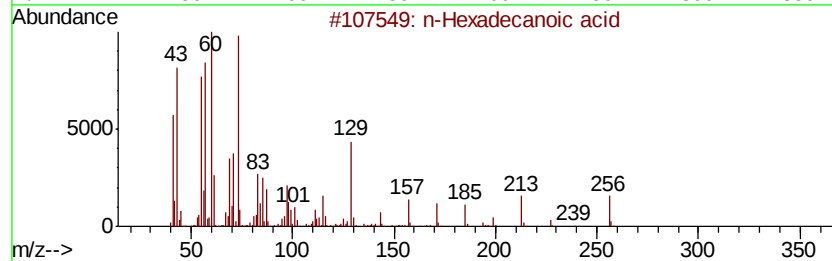
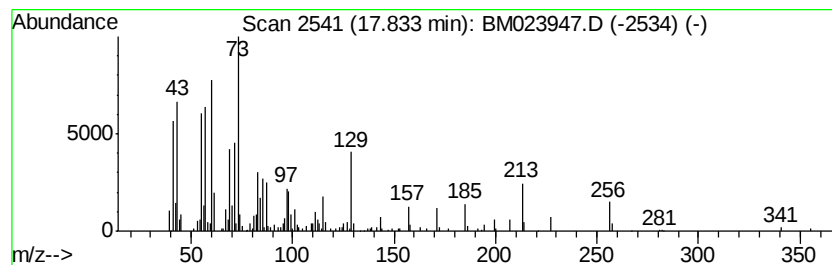
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.82 ng/ul	727174	Phenanthrene-d10	16.90

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	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023947.D
Acq On : 28 Nov 2019 11:54
Operator : JU
Sample : K5915-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

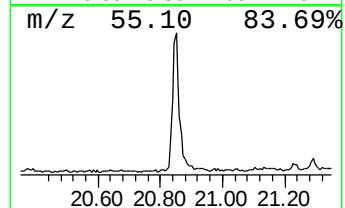
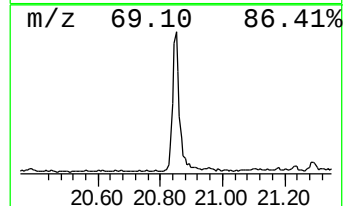
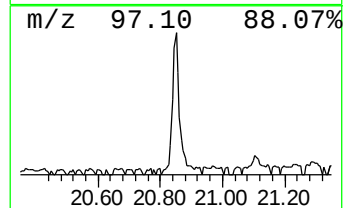
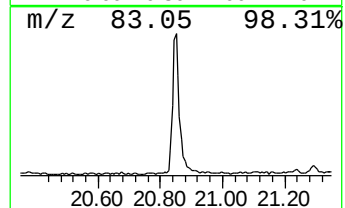
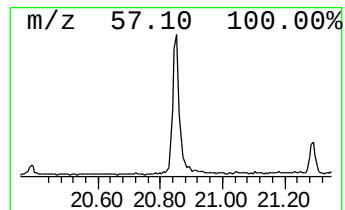
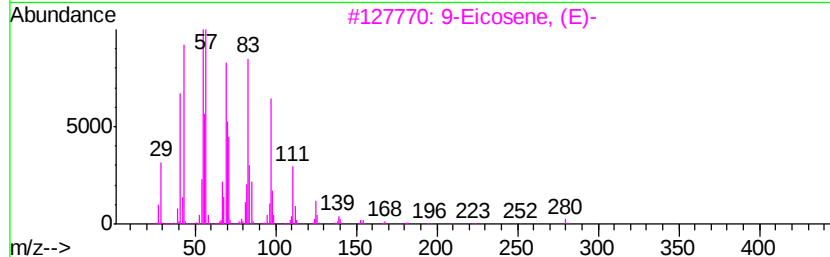
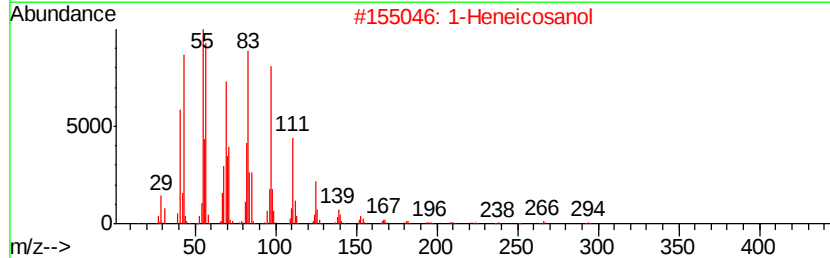
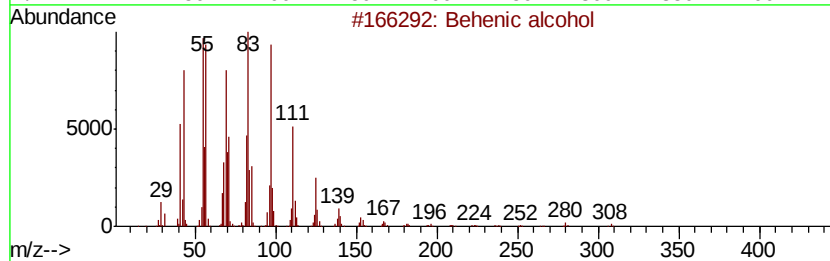
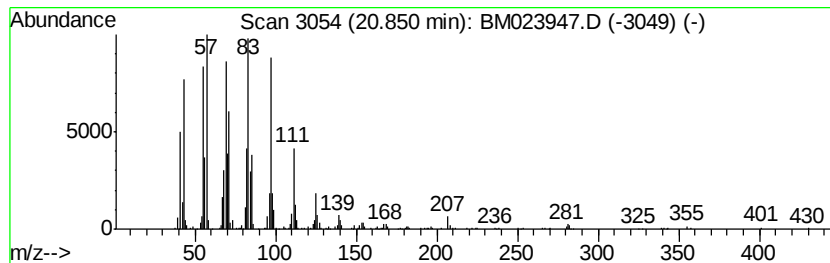
Instrument :
BNA_M
ClientSampleId :
JLNW5

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 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	3.10 ng/ul	939341	Chrysene-d12	21.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023947.D
Acq On : 28 Nov 2019 11:54
Operator : JU
Sample : K5915-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNW5

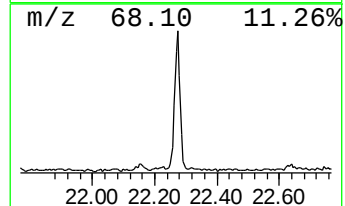
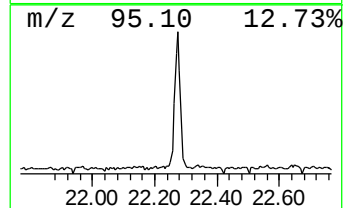
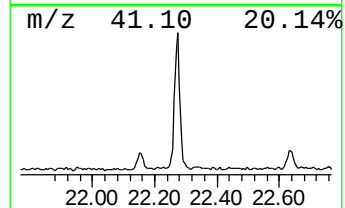
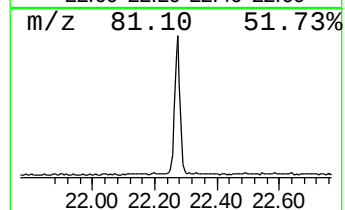
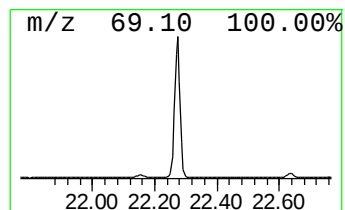
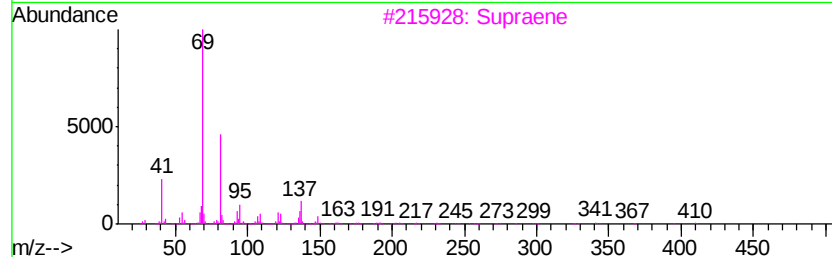
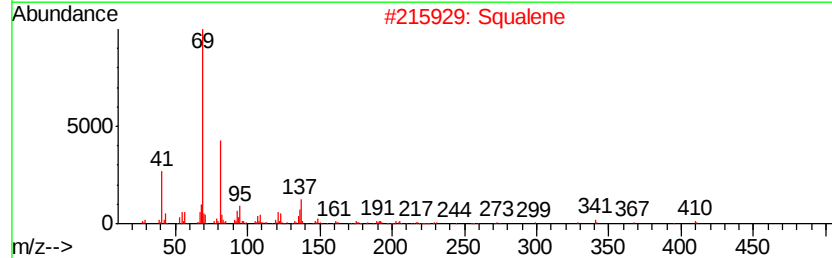
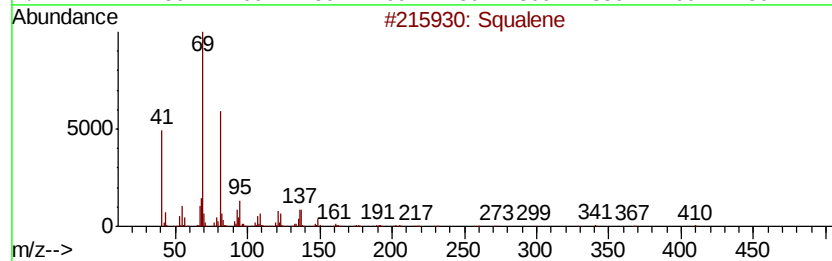
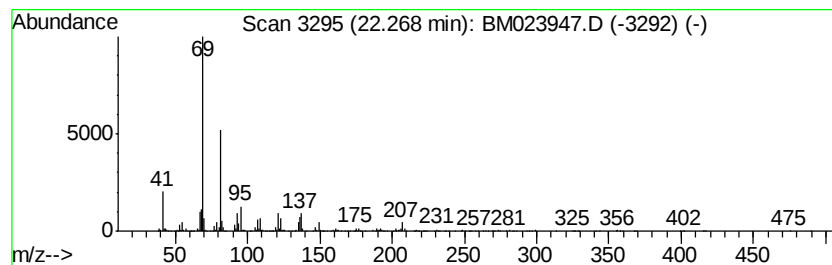
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.22 ng/ul	1062860	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Squalene	410	C30H50	000111-02-4	90
3		Supraene	410	C30H50	007683-64-9	87
4		Squalene	410	C30H50	000111-02-4	86
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112719\
Data File : BM023947.D
Acq On : 28 Nov 2019 11:54
Operator : JU
Sample : K5915-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNW5

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	17.83	2.8	ng/ul	727174	4	16.90	5155690	20.0
Behenic alcohol	20.85	3.1	ng/ul	939341	5	21.11	6056320	20.0
Squalene	22.27	3.2	ng/ul	1062860	6	23.25	6594820	20.0