

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
 Data File : BM023614.D
 Acq On : 05 Nov 2019 18:59
 Operator : JU
 Sample : K5535-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEK25

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-BM102319MA.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	6.781	640	645	653	rVB	612526	968861	19.56%	1.654%
2	6.946	668	673	681	rBV	470849	760977	15.36%	1.299%
3	7.134	700	705	718	rVB	666950	1136965	22.95%	1.941%
4	7.246	720	724	732	rVB3	159014	287392	5.80%	0.491%
5	7.599	778	784	791	rVB	1147009	1783110	35.99%	3.044%
6	8.310	899	905	913	rVB	744212	1187997	23.98%	2.028%
7	8.746	974	979	987	rVV	603863	1006270	20.31%	1.718%
8	8.840	991	995	1003	rVB2	152994	236661	4.78%	0.404%
9	9.469	1096	1102	1108	rBV	425347	714723	14.43%	1.220%
10	10.004	1187	1193	1203	rVB	701127	1196668	24.15%	2.043%
11	10.375	1249	1256	1266	rVB	1684989	2763228	55.77%	4.717%
12	10.516	1274	1280	1294	rVB	614420	1131281	22.83%	1.931%
13	11.093	1374	1378	1382	rVB5	23587	36560	0.74%	0.062%
14	11.316	1413	1416	1422	rVB4	19541	34551	0.70%	0.059%
15	11.428	1430	1435	1440	rVB4	33608	58921	1.19%	0.101%
16	11.575	1456	1460	1465	rBV5	27246	40310	0.81%	0.069%
17	11.834	1495	1504	1512	rBV	167376	284601	5.74%	0.486%
18	11.940	1517	1522	1525	rBV5	22493	37479	0.76%	0.064%
19	12.051	1533	1541	1547	rVB3	41275	91927	1.86%	0.157%
20	12.269	1573	1578	1582	rBV2	29930	53929	1.09%	0.092%
21	12.310	1582	1585	1589	rVV4	30447	47092	0.95%	0.080%
22	12.351	1589	1592	1596	rVV4	23244	33574	0.68%	0.057%
23	12.481	1610	1614	1617	rVV6	13222	20935	0.42%	0.036%
24	12.528	1617	1622	1628	rVV4	28267	55652	1.12%	0.095%
25	12.581	1628	1631	1634	rVV5	11905	19797	0.40%	0.034%
26	12.657	1641	1644	1652	rVB5	21148	31823	0.64%	0.054%
27	12.745	1654	1659	1664	rBV6	14786	24427	0.49%	0.042%
28	12.804	1664	1669	1673	rVV3	32607	51782	1.05%	0.088%
29	13.092	1708	1718	1724	rBV2	190204	312974	6.32%	0.534%
30	13.192	1730	1735	1740	rVB6	17442	29535	0.60%	0.050%
31	13.410	1766	1772	1773	rBV4	34573	50021	1.01%	0.085%
32	13.528	1788	1792	1794	rBV4	26257	36530	0.74%	0.062%
33	13.569	1794	1799	1804	rVV2	61339	111043	2.24%	0.190%
34	13.622	1804	1808	1810	rVV2	62959	92381	1.86%	0.158%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
 Data File : BM023614.D
 Acq On : 05 Nov 2019 18:59
 Operator : JU
 Sample : K5535-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEK25

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-BM102319MA.M
 Title : SVOA CALIBRATION

35	13.663	1810	1815	1820	rVV	1325096	1901236	38.38%	3.245%
36	13.710	1820	1823	1828	rVV	479054	712625	14.38%	1.216%
37	13.757	1829	1831	1835	rVV4	56096	76111	1.54%	0.130%
38	13.804	1835	1839	1843	rVV4	46737	82101	1.66%	0.140%
39	13.875	1848	1851	1855	rVV5	16884	23882	0.48%	0.041%
40	13.939	1855	1862	1876	rVB	1563442	2383899	48.12%	4.069%
41	14.175	1895	1902	1907	rBV	192078	250745	5.06%	0.428%
42	14.245	1907	1914	1923	rVV	2203519	3417826	68.99%	5.834%
43	14.345	1927	1931	1936	rVB5	25798	38607	0.78%	0.066%
44	14.469	1945	1952	1965	rBV	243510	587456	11.86%	1.003%
45	14.616	1973	1977	1980	rVV6	22194	38014	0.77%	0.065%
46	14.657	1980	1984	1985	rVV2	32212	50435	1.02%	0.086%
47	14.686	1986	1989	1992	rVV5	48796	72523	1.46%	0.124%
48	14.734	1993	1997	2001	rVV3	39616	53963	1.09%	0.092%
49	14.798	2005	2008	2014	rVB4	38980	55194	1.11%	0.094%
50	14.875	2017	2021	2025	rBV5	30941	51017	1.03%	0.087%
51	14.928	2027	2030	2035	rVB	29711	37543	0.76%	0.064%
52	15.045	2045	2050	2054	rBV6	25283	44935	0.91%	0.077%
53	15.134	2060	2065	2069	rVB	173518	213100	4.30%	0.364%
54	15.245	2078	2084	2093	rBV	2071558	2946273	59.47%	5.029%
55	15.375	2098	2106	2112	rBV2	236887	378559	7.64%	0.646%
56	15.486	2120	2125	2128	rBV3	24210	30696	0.62%	0.052%
57	15.539	2128	2134	2138	rVB2	35497	68164	1.38%	0.116%
58	15.592	2138	2143	2146	rBV6	11334	19528	0.39%	0.033%
59	15.692	2156	2160	2164	rBV6	18635	31262	0.63%	0.053%
60	15.745	2164	2169	2176	rVB9	31161	59128	1.19%	0.101%
61	15.998	2207	2212	2215	rBV	168940	240676	4.86%	0.411%
62	16.257	2253	2256	2260	rBV6	24411	34735	0.70%	0.059%
63	16.357	2269	2273	2278	rVB3	34215	49193	0.99%	0.084%
64	16.739	2333	2338	2341	rBV7	16125	27973	0.56%	0.048%
65	16.786	2341	2346	2352	rVV2	161550	220972	4.46%	0.377%
66	16.845	2352	2356	2360	rVB5	28307	45712	0.92%	0.078%
67	16.998	2376	2382	2387	rBV	2698093	3837354	77.46%	6.551%
68	17.039	2387	2389	2393	rVV	58904	64091	1.29%	0.109%
69	17.092	2393	2398	2407	rVV	2377318	3271304	66.03%	5.584%
70	17.157	2407	2409	2413	rVV5	17161	22299	0.45%	0.038%
71	17.204	2413	2417	2422	rVB8	18116	27427	0.55%	0.047%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
 Data File : BM023614.D
 Acq On : 05 Nov 2019 18:59
 Operator : JU
 Sample : K5535-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEK25

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-BM102319MA.M
 Title : SVOA CALIBRATION

72	17.328	2434	2438	2443	rVB6	29988	43458	0.88%	0.074%
73	17.416	2449	2453	2455	rBV5	23169	35128	0.71%	0.060%
74	17.527	2467	2472	2476	rBV	146272	179242	3.62%	0.306%
75	17.575	2477	2480	2484	rVB3	23258	34534	0.70%	0.059%
76	17.875	2527	2531	2534	rBV2	32055	37541	0.76%	0.064%
77	17.916	2534	2538	2545	rVV2	107855	171202	3.46%	0.292%
78	18.057	2556	2562	2567	rBV	66470	114376	2.31%	0.195%
79	18.110	2567	2571	2577	rVB5	36793	54677	1.10%	0.093%
80	18.222	2583	2590	2595	rBV	134458	194061	3.92%	0.331%
81	18.469	2630	2632	2636	rBV5	13021	21655	0.44%	0.037%
82	18.604	2651	2655	2657	rBV4	12790	19955	0.40%	0.034%
83	18.704	2665	2672	2678	rBV4	22751	66373	1.34%	0.113%
84	18.798	2684	2688	2693	rBV	69377	102316	2.07%	0.175%
85	18.857	2694	2698	2702	rVV	159091	183320	3.70%	0.313%
86	19.033	2724	2728	2730	rBV3	25326	31855	0.64%	0.054%
87	19.204	2754	2757	2760	rBV4	31421	35609	0.72%	0.061%
88	19.398	2784	2790	2795	rBV	3090473	4236605	85.51%	7.232%
89	19.439	2795	2797	2802	rVB	141282	157875	3.19%	0.270%
90	19.639	2827	2831	2835	rBV	139337	168032	3.39%	0.287%
91	19.980	2885	2889	2894	rBV	159315	190692	3.85%	0.326%
92	20.474	2970	2973	2977	rBV	219434	241891	4.88%	0.413%
93	20.939	3048	3052	3056	rBV	408319	486169	9.81%	0.830%
94	20.986	3057	3060	3066	rVB	202238	257477	5.20%	0.440%
95	21.192	3090	3095	3103	rBV	3542495	4665022	94.16%	7.963%
96	21.374	3123	3126	3130	rBV	346238	371210	7.49%	0.634%
97	21.804	3196	3199	3203	rBV	319577	371965	7.51%	0.635%
98	22.257	3273	3276	3282	rVB	391888	482275	9.73%	0.823%
99	23.239	3438	3443	3450	rVB	2516755	4475396	90.33%	7.640%
100	23.380	3461	3467	3476	rVB	2671467	4954253	100.00%	8.457%

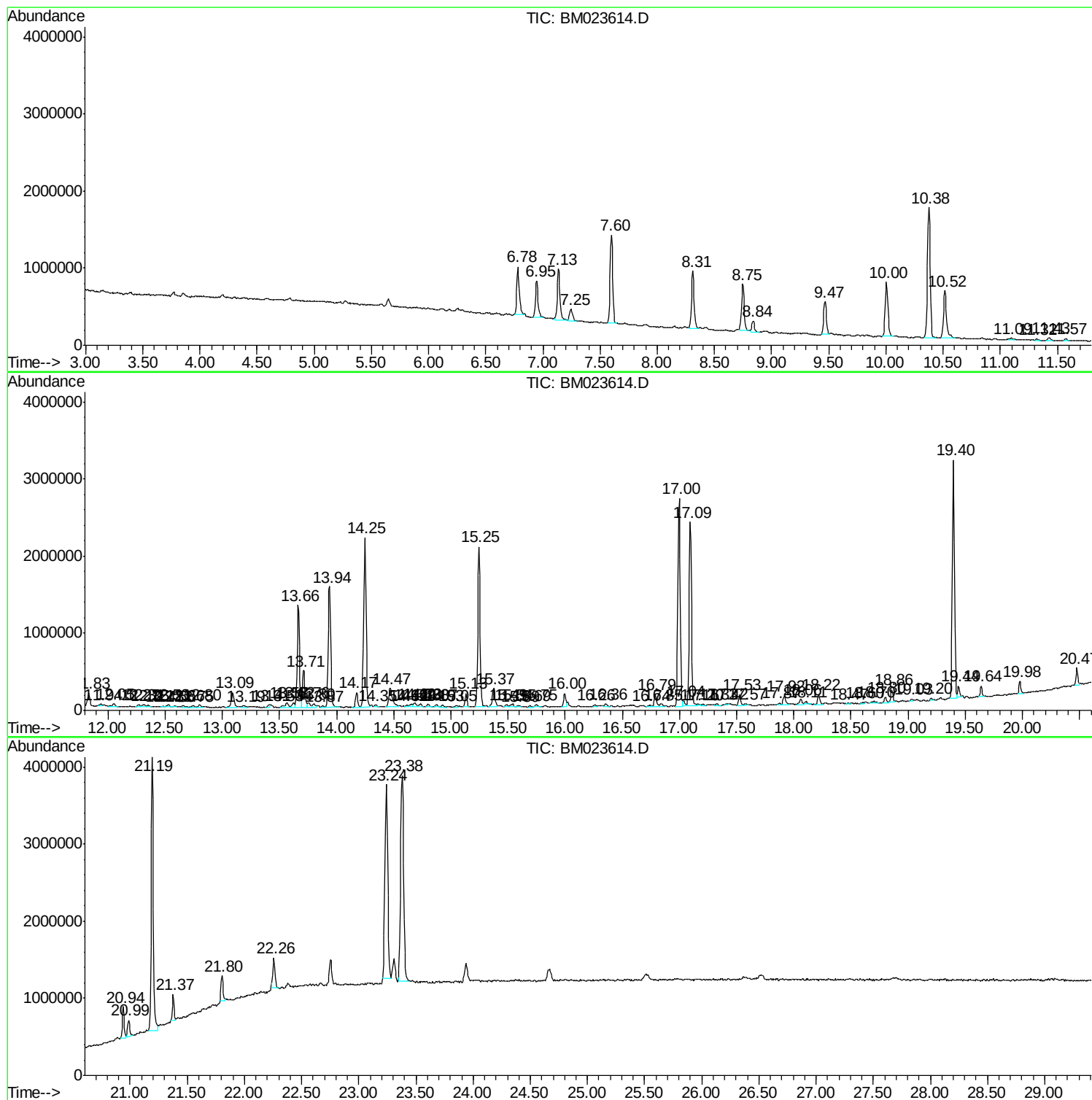
Sum of corrected areas: 58580699

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

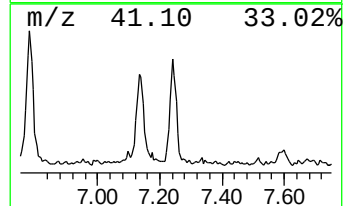
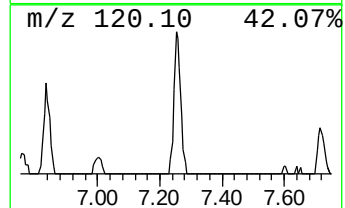
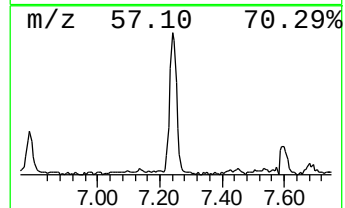
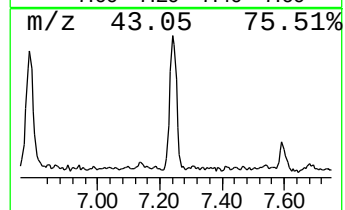
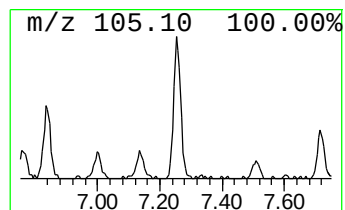
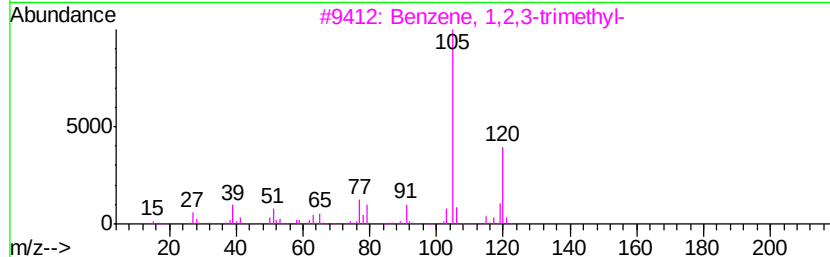
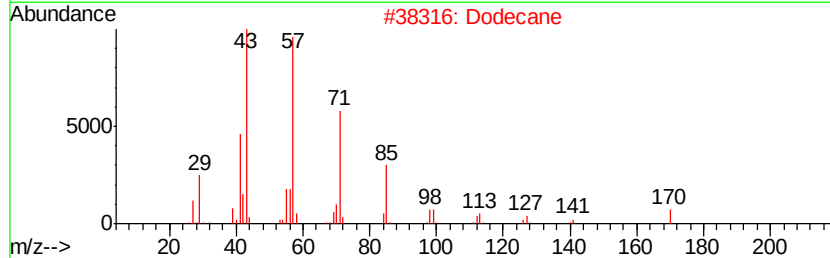
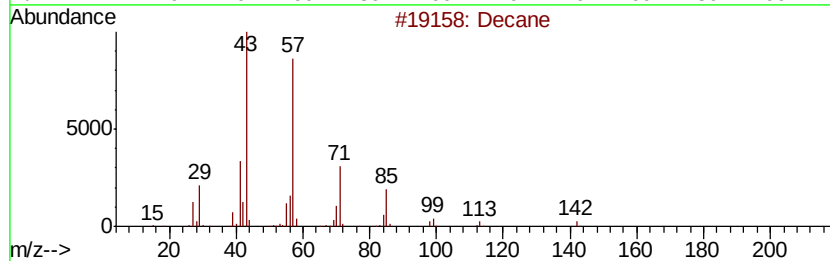
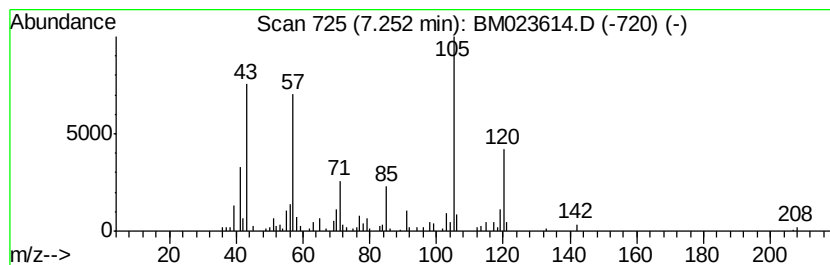
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	3.22 ng/ul	287392	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	76
2		Dodecane	170	C12H26	000112-40-3	58
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	56
4		Decane	142	C10H22	000124-18-5	50
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

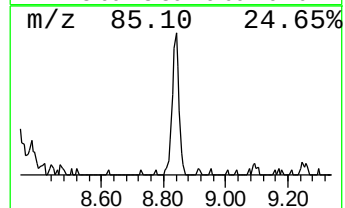
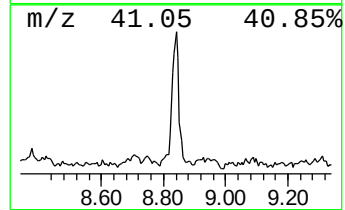
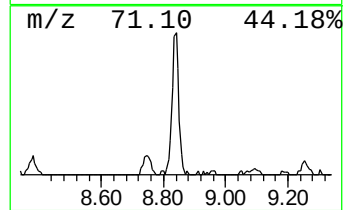
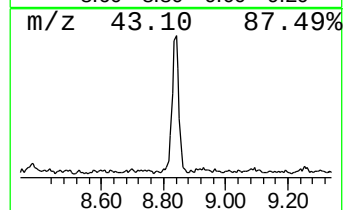
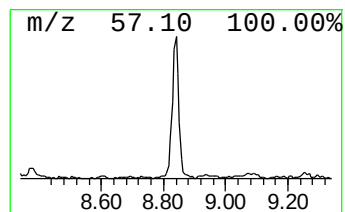
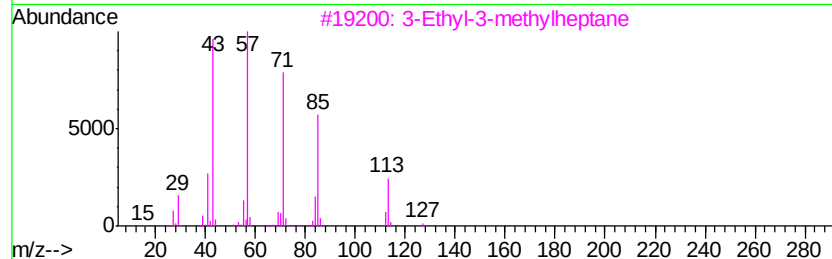
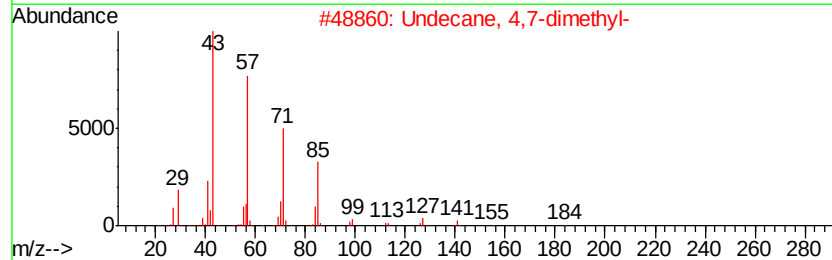
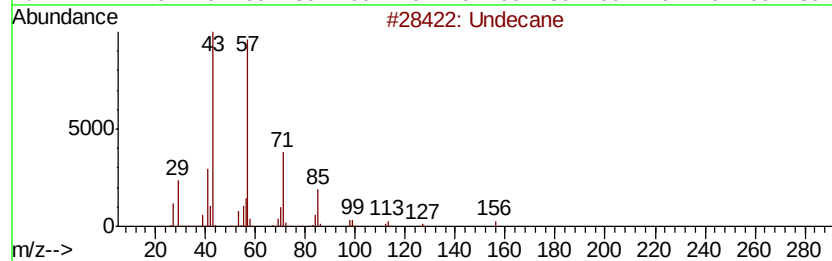
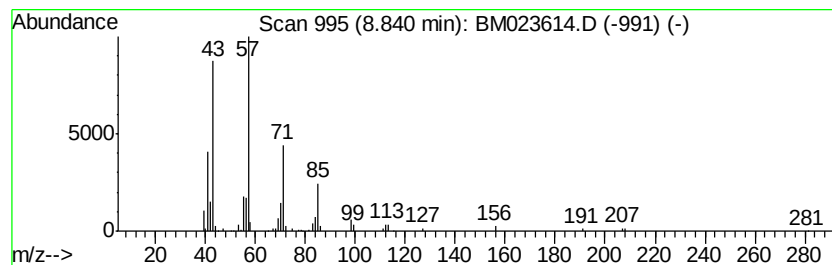
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.65 ng/ul	236661	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	87
2			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
3			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

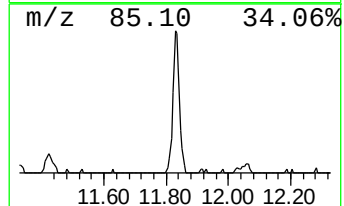
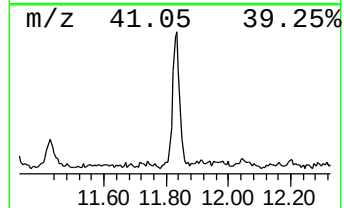
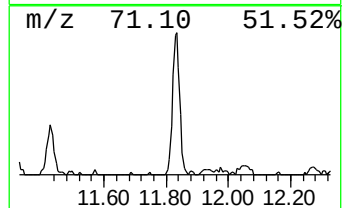
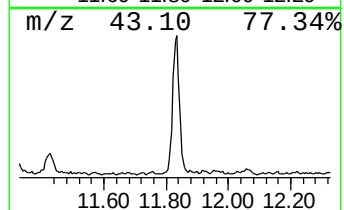
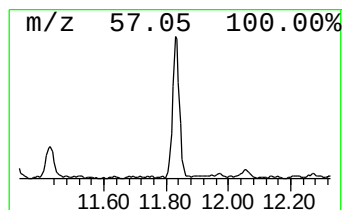
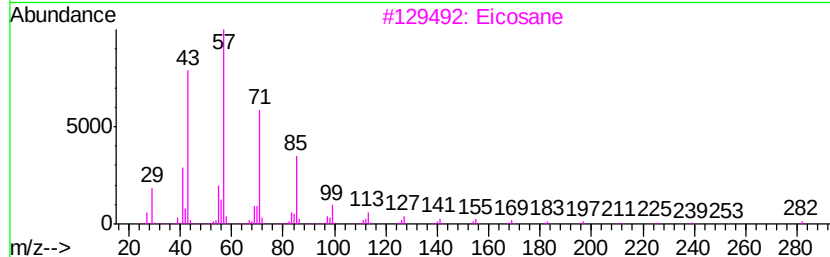
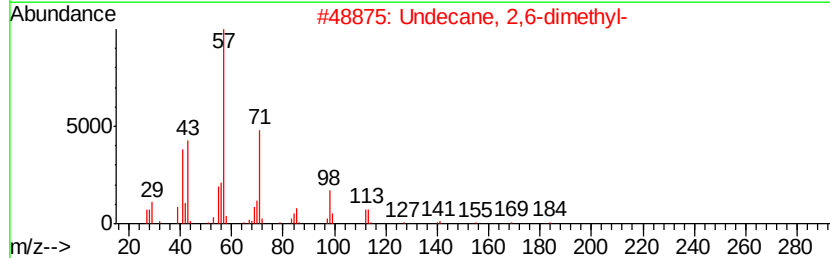
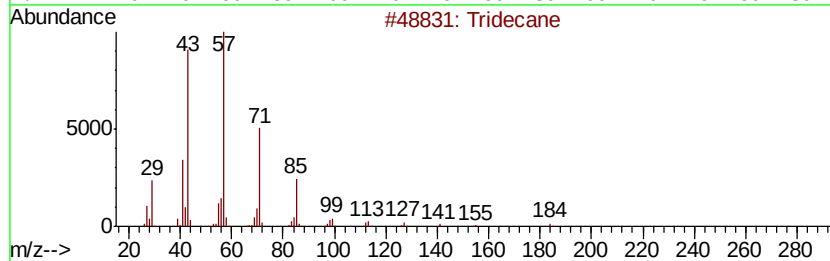
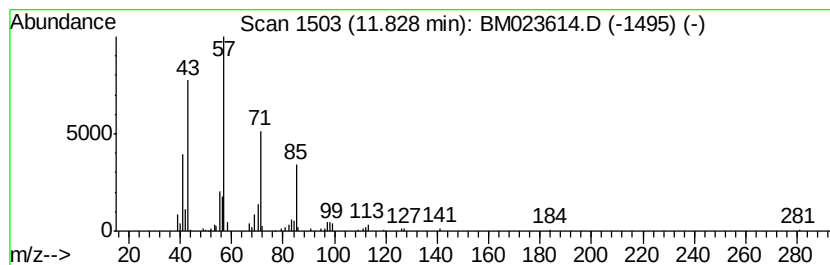
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.06 ng/ul	284601	Napthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3		Eicosane	282	C20H42	000112-95-8	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

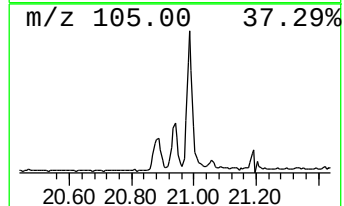
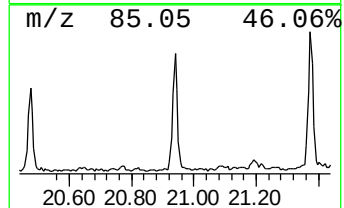
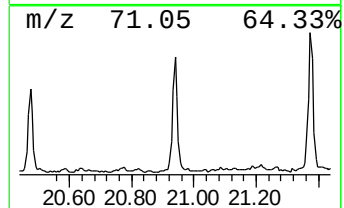
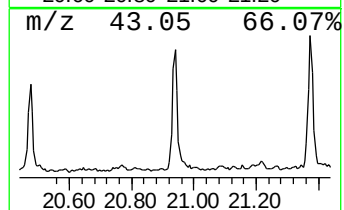
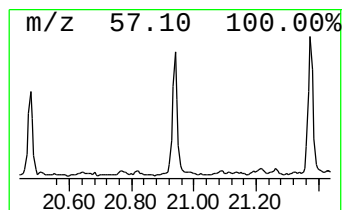
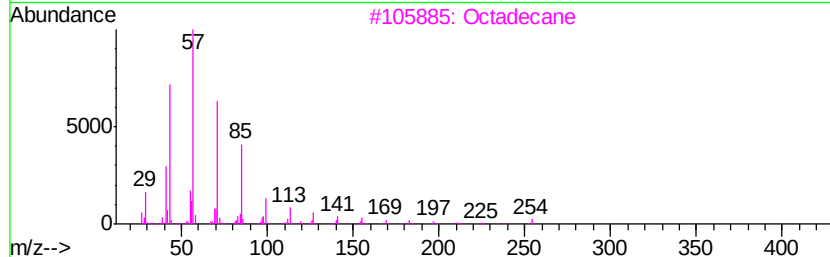
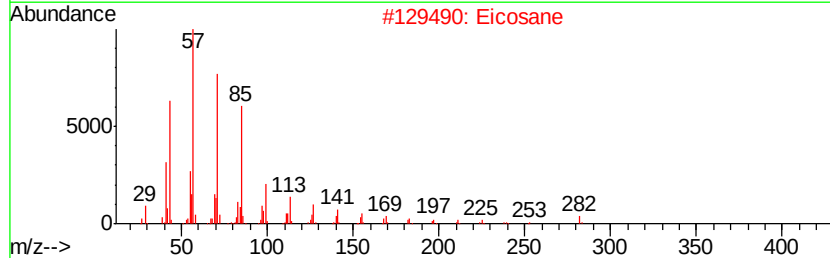
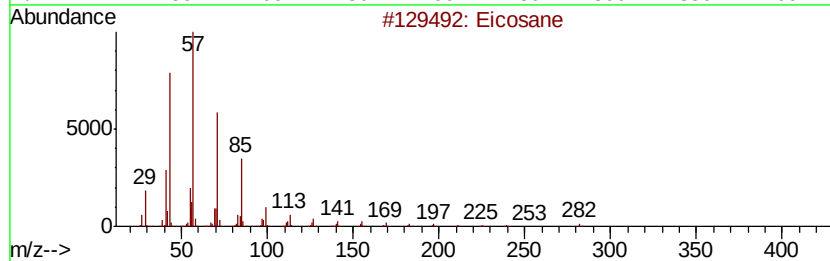
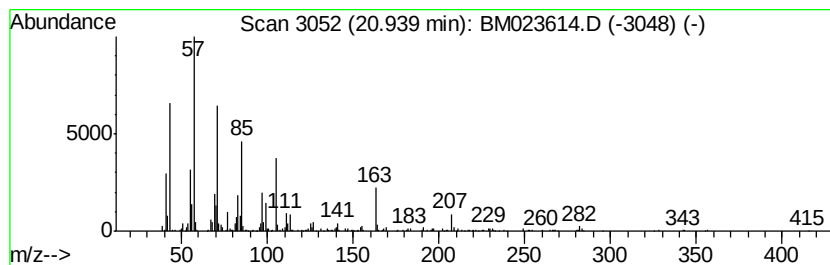
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.08 ng/ul	486169	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Octadecane	254	C18H38	000593-45-3	92
4		Hexadecane	226	C16H34	000544-76-3	92
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

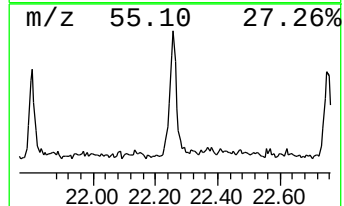
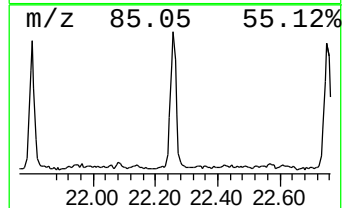
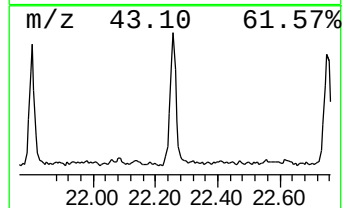
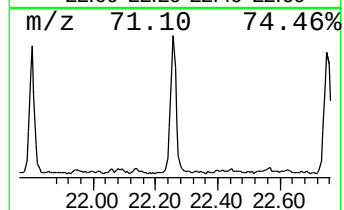
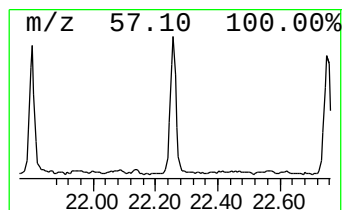
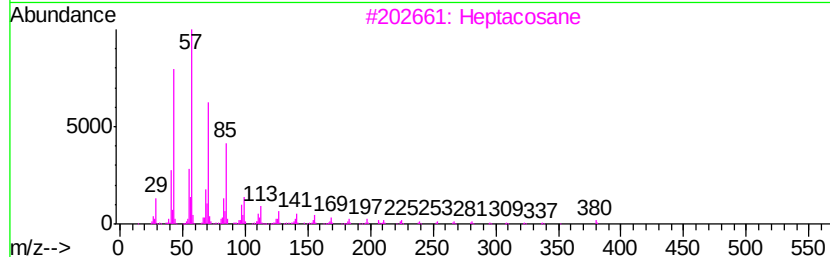
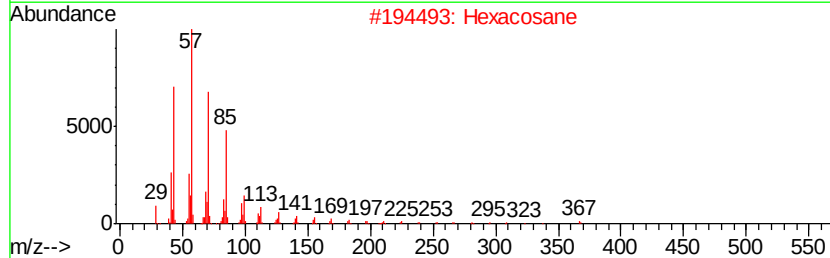
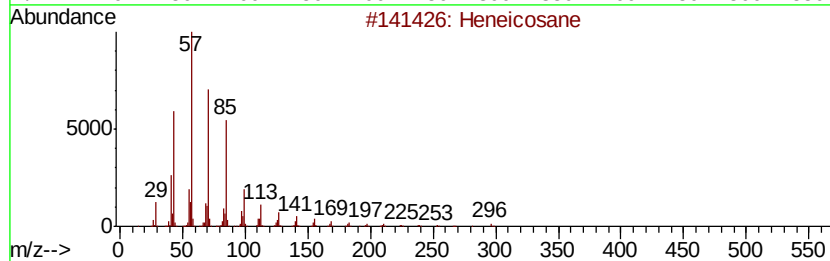
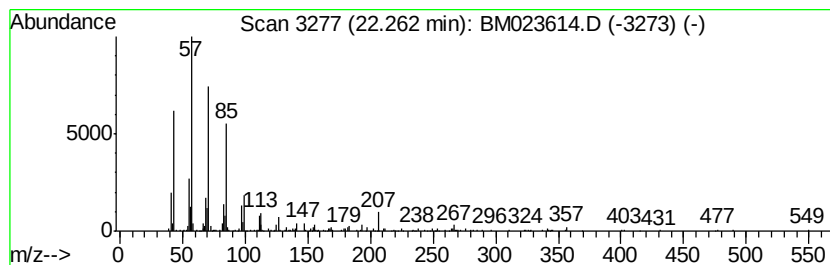
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.07 ng/ul	482275	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	93
2	Hexacosane		366	C26H54	000630-01-3	90
3	Heptacosane		380	C27H56	000593-49-7	87
4	Octacosane		394	C28H58	000630-02-4	86
5	Hexatriacontane		507	C36H74	000630-06-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110519\
Data File : BM023614.D
Acq On : 05 Nov 2019 18:59
Operator : JU
Sample : K5535-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEK25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	7.25	3.2	ng/ul	287392	1	7.60	1783110	20.0
(DEL) Alkane: Str...	8.84	2.6	ng/ul	236661	1	7.60	1783110	20.0
(DEL) Alkane: Str...	11.83	2.1	ng/ul	284601	2	10.38	2763230	20.0
(DEL) Alkane: Str...	20.94	2.1	ng/ul	486169	5	21.19	4665020	20.0
(DEL) Alkane: Str...	22.26	2.1	ng/ul	482275	5	21.19	4665020	20.0