

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024192.D
 Acq On : 20 Dec 2019 01:55
 Operator : JU
 Sample : K6200-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF40

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-BM121719MA.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	2.999	16	19	27	rBV	55600	78479	1.08%	0.101%
2	3.699	134	138	141	rVB2	9704	12857	0.18%	0.017%
3	6.640	633	638	656	rVB2	255674	523284	7.23%	0.672%
4	6.787	656	663	684	rBV	874706	1502268	20.76%	1.929%
5	6.975	688	695	712	rBV	983186	1625343	22.46%	2.087%
6	7.434	766	773	784	rBV	1054384	1671902	23.11%	2.146%
7	7.522	784	788	798	rVB9	12022	30203	0.42%	0.039%
8	8.157	890	896	912	rBV	742118	1335688	18.46%	1.715%
9	8.587	963	969	985	rBV	1041794	1829157	25.28%	2.348%
10	9.028	1038	1044	1049	rBV	39092	55663	0.77%	0.071%
11	9.304	1084	1091	1109	rBV	887535	1538212	21.26%	1.975%
12	9.634	1144	1147	1153	rVB4	4823	7271	0.10%	0.009%
13	9.845	1175	1183	1206	rBV	1226048	2413764	33.36%	3.099%
14	10.004	1208	1210	1217	rVB7	10800	18449	0.25%	0.024%
15	10.204	1237	1244	1256	rBV	1566087	2529691	34.96%	3.248%
16	10.386	1269	1275	1283	rBV3	24117	58196	0.80%	0.075%
17	10.522	1295	1298	1304	rVB4	7781	10640	0.15%	0.014%
18	10.775	1336	1341	1347	rBV2	22582	41850	0.58%	0.054%
19	10.839	1347	1352	1363	rVB3	20764	46496	0.64%	0.060%
20	11.057	1386	1389	1395	rVB5	10075	13985	0.19%	0.018%
21	11.628	1481	1486	1493	rVB10	7752	18451	0.25%	0.024%
22	11.810	1512	1517	1526	rVB3	17811	36376	0.50%	0.047%
23	13.016	1717	1722	1725	rBV5	4832	7408	0.10%	0.010%
24	13.404	1784	1788	1793	rVB6	4758	7676	0.11%	0.010%
25	13.522	1802	1808	1813	rBV	2731046	3979127	54.99%	5.108%
26	13.574	1813	1817	1825	rVB	313322	478280	6.61%	0.614%
27	13.786	1846	1853	1865	rBV	3271316	4702379	64.99%	6.037%
28	14.098	1900	1906	1917	rVB	2378868	3459012	47.80%	4.441%
29	14.369	1946	1952	1962	rBV3	100169	259920	3.59%	0.334%
30	14.457	1964	1967	1973	rVB7	20210	38907	0.54%	0.050%
31	14.563	1982	1985	1988	rVB5	5538	7563	0.10%	0.010%
32	14.645	1996	1999	2002	rBV5	5309	7595	0.10%	0.010%
33	14.721	2008	2012	2015	rBV5	5383	9169	0.13%	0.012%
34	14.869	2031	2037	2045	rBV	2741246	3599169	49.74%	4.621%

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35	14.927	2045	2047	2054	rVV3	18119	34730	0.48%	0.045%
36	14.986	2054	2057	2061	rVB4	12356	11953	0.17%	0.015%
37	15.104	2070	2077	2093	rBV	4294278	6083819	84.08%	7.810%
38	15.251	2096	2102	2114	rBV	1222762	1772503	24.50%	2.275%
39	15.345	2114	2118	2124	rVB2	46411	73961	1.02%	0.095%
40	15.486	2140	2142	2148	rVB6	16037	24252	0.34%	0.031%
41	15.551	2148	2153	2155	rBV4	7187	11803	0.16%	0.015%
42	15.680	2172	2175	2179	rBV5	6583	11168	0.15%	0.014%
43	15.745	2184	2186	2192	rVB7	8947	10973	0.15%	0.014%
44	15.792	2192	2194	2198	rBV5	6232	7590	0.10%	0.010%
45	15.857	2201	2205	2207	rVV4	12563	15208	0.21%	0.020%
46	15.892	2207	2211	2221	rVB3	19683	35294	0.49%	0.045%
47	16.021	2230	2233	2239	rVB8	7718	10381	0.14%	0.013%
48	16.080	2239	2243	2247	rBV6	8111	15965	0.22%	0.020%
49	16.363	2286	2291	2293	rBV6	5023	7509	0.10%	0.010%
50	16.533	2317	2320	2324	rBV5	8939	13885	0.19%	0.018%
51	16.645	2335	2339	2343	rBV3	30281	41538	0.57%	0.053%
52	16.857	2369	2375	2385	rBV	2849387	3950693	54.60%	5.072%
53	16.957	2385	2392	2408	rVV	4480291	6438198	88.97%	8.265%
54	17.068	2408	2411	2415	rVB5	7178	12164	0.17%	0.016%
55	17.168	2426	2428	2430	rBV2	9529	12231	0.17%	0.016%
56	17.380	2463	2464	2466	rBV2	8951	7876	0.11%	0.010%
57	17.539	2489	2491	2496	rBV6	8657	12306	0.17%	0.016%
58	17.668	2507	2513	2516	rBV7	19279	38618	0.53%	0.050%
59	17.780	2528	2532	2538	rBV	183620	279843	3.87%	0.359%
60	18.086	2580	2584	2587	rBV3	21508	35891	0.50%	0.046%
61	18.339	2623	2627	2629	rBV4	15769	21345	0.29%	0.027%
62	18.486	2650	2652	2656	rBV5	13637	19863	0.27%	0.025%
63	18.727	2689	2693	2697	rBV4	34680	56030	0.77%	0.072%
64	18.898	2719	2722	2727	rBV	53627	70088	0.97%	0.090%
65	19.074	2750	2752	2756	rBV5	35557	36379	0.50%	0.047%
66	19.156	2761	2766	2771	rBV2	71809	128534	1.78%	0.165%
67	19.262	2779	2784	2790	rBV	5458201	7102892	98.16%	9.118%
68	20.809	3042	3047	3055	rBV	991839	1406853	19.44%	1.806%
69	21.068	3086	3091	3105	rBV	3184934	4343675	60.03%	5.576%
70	22.109	3265	3268	3272	rVB	279922	320087	4.42%	0.411%
71	22.586	3346	3349	3354	rVB	383719	474000	6.55%	0.609%

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72	23.062	3424	3430	3436	rBV	4241067	7236050	100.00%	9.289%
73	23.115	3436	3439	3445	rVV	496517	729514	10.08%	0.937%
74	23.197	3447	3453	3462	rVB	2463774	4283853	59.20%	5.499%
75	23.715	3537	3541	3548	rVB	412213	741504	10.25%	0.952%

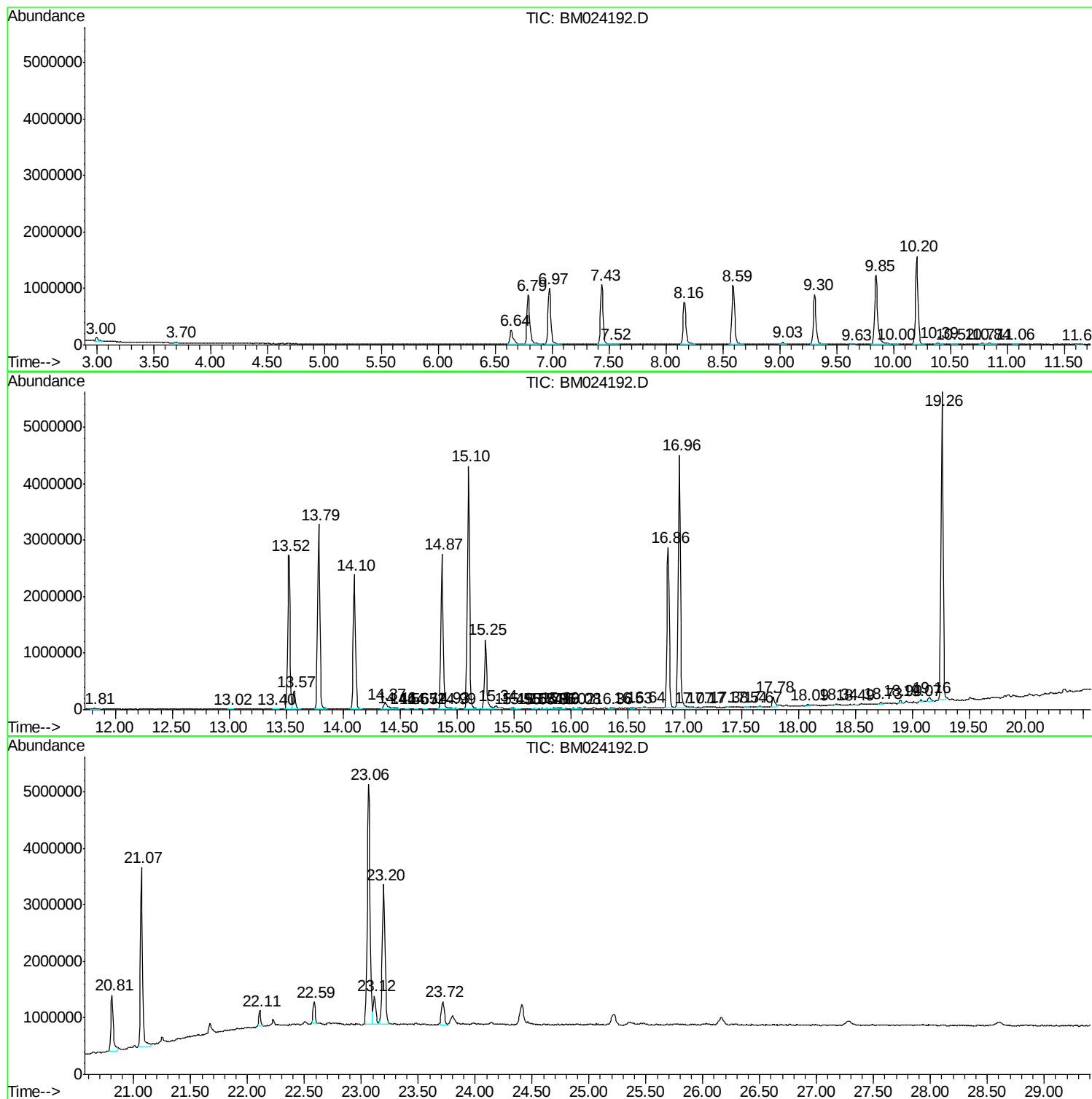
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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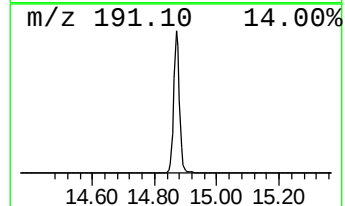
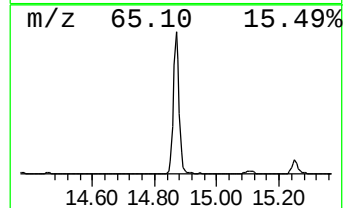
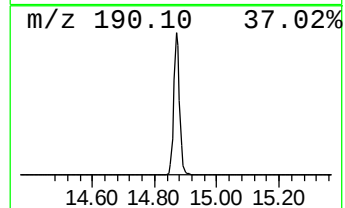
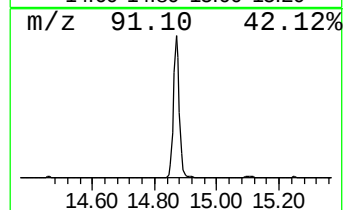
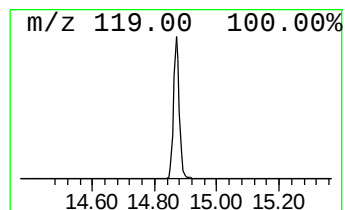
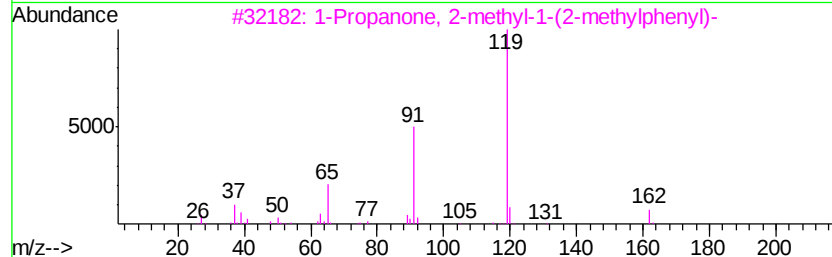
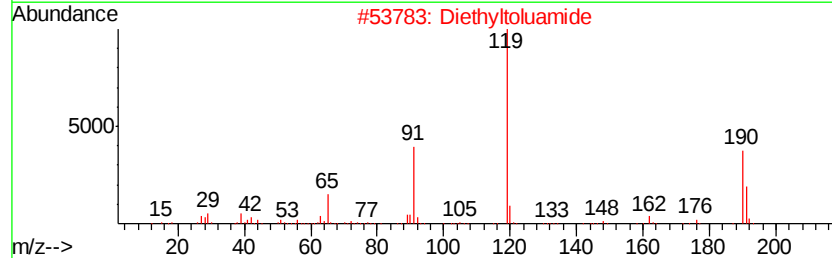
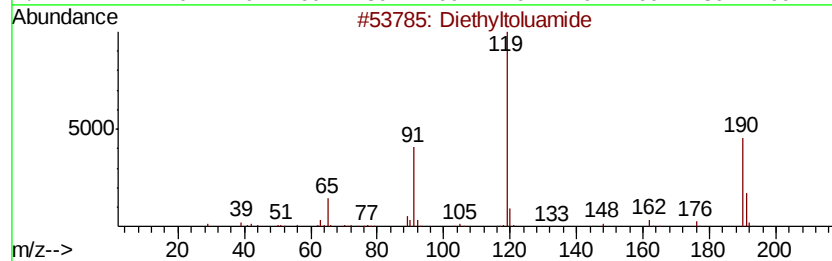
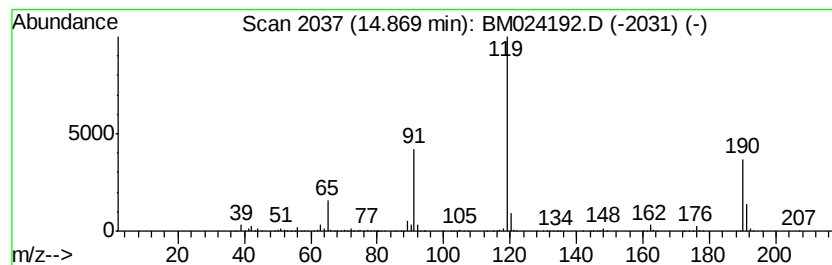
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	20.81 ng/ul	3599170	Acenaphthene-d10	14.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diethyltoluamide	191 C12H17NO	000134-62-3 97
2		Diethyltoluamide	191 C12H17NO	000134-62-3 92
3		1-Propanone, 2-methyl-1-(2-methyl...	162 C11H14O	002040-21-3 74
4		N-[1-(Dimethylamino)-2,2,2-trich...	308 C12H15Cl3N2O	300814-41-9 72
5		L-Valine, N-(4-methylbenzoyl)-, ...	277 C16H23NO3	1000346-63-8 72



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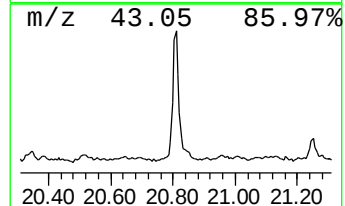
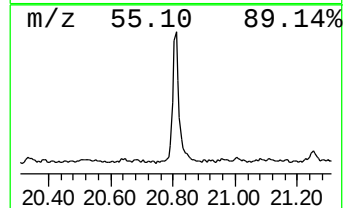
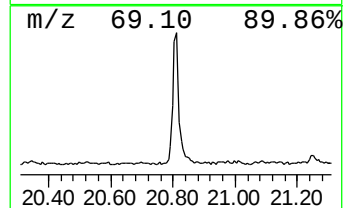
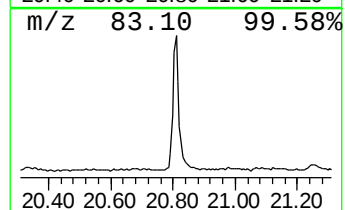
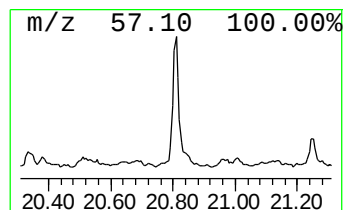
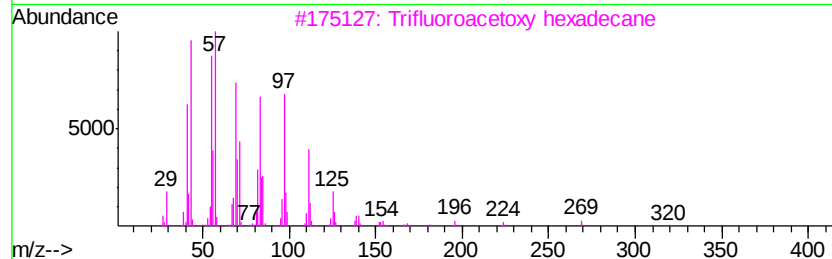
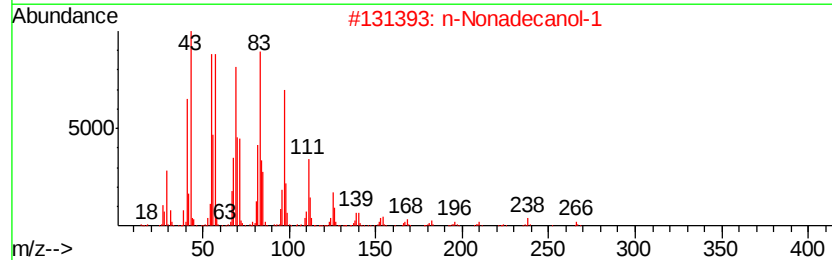
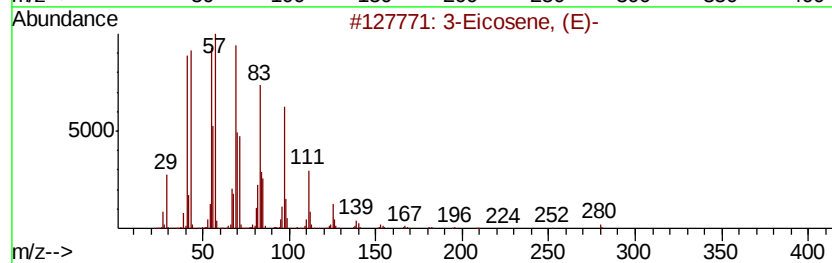
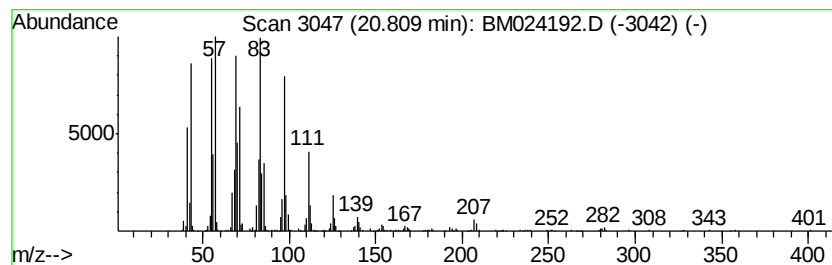
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	6.48 ng/ul	1406850	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94



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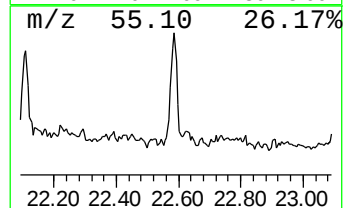
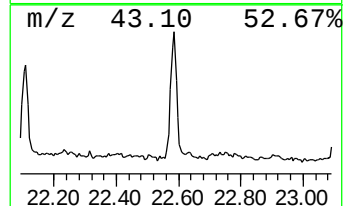
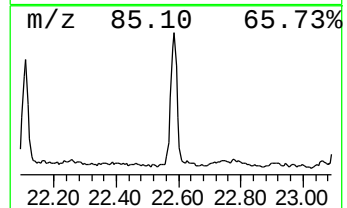
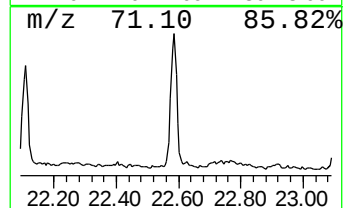
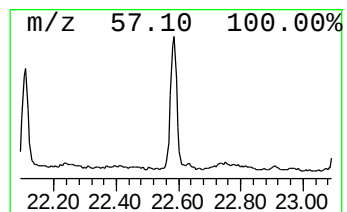
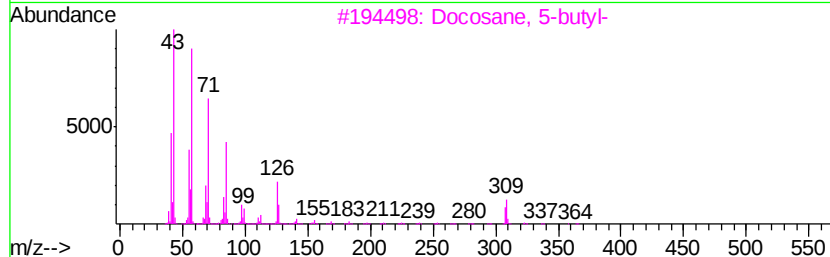
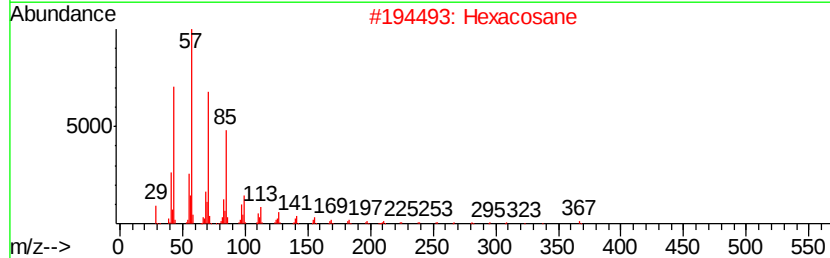
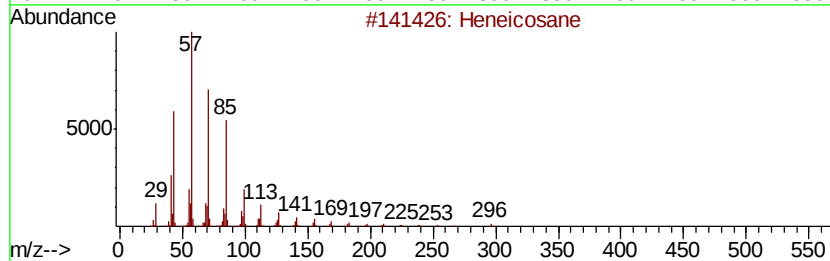
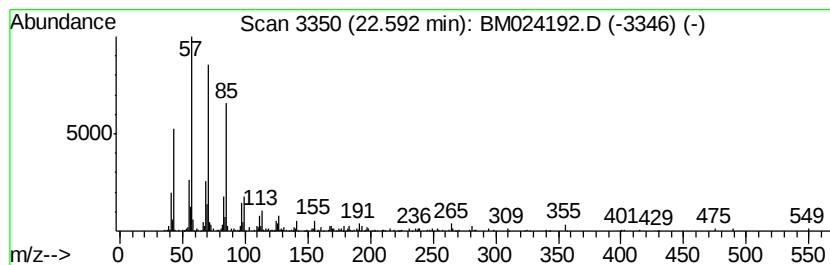
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.21 ng/ul	474000	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octadecane	254	C18H38	000593-45-3	83



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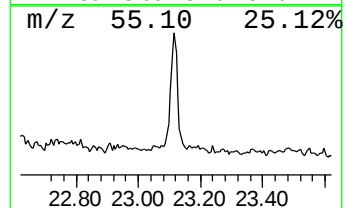
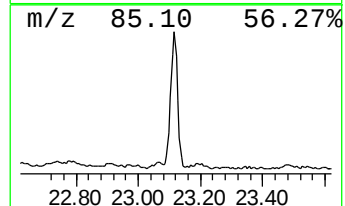
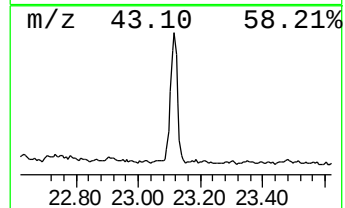
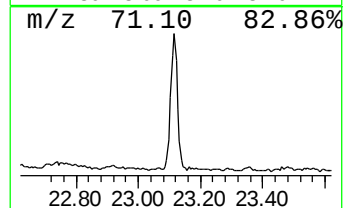
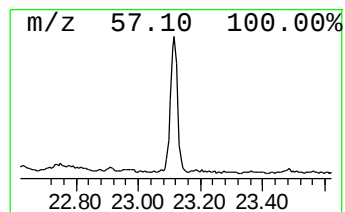
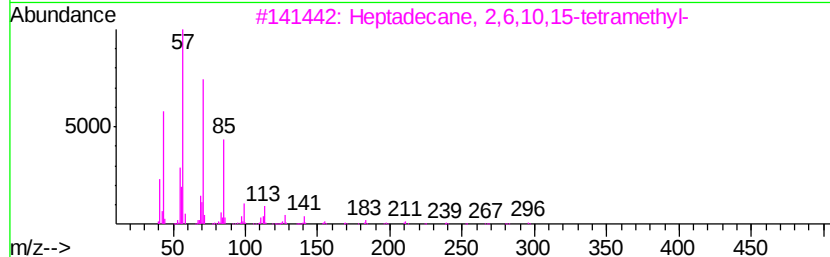
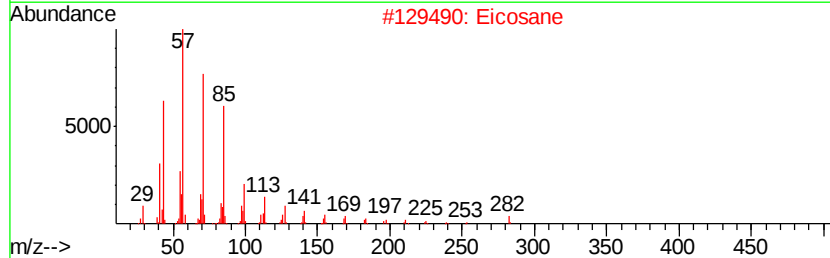
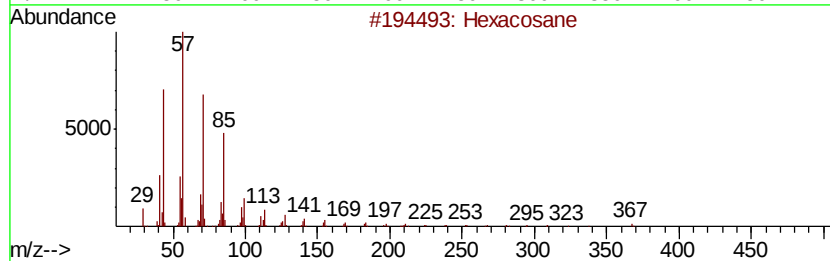
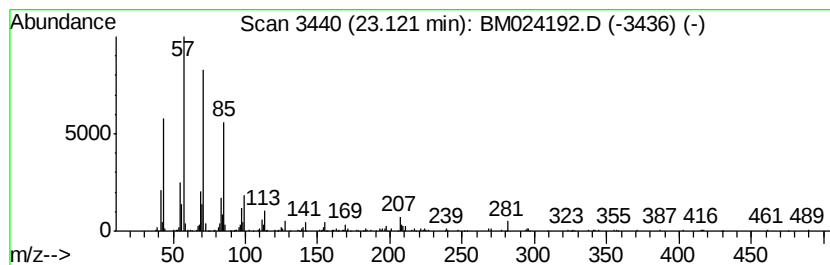
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Quant Title : SVOA CALIBRATION

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.
23.12	3.41 ng/ul	729514	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024192.D
Acq On : 20 Dec 2019 01:55
Operator : JU
Sample : K6200-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF40

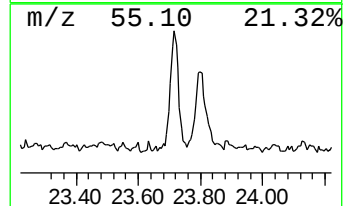
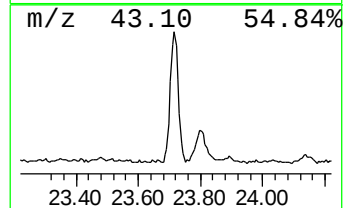
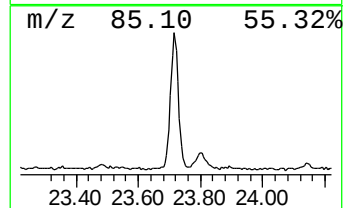
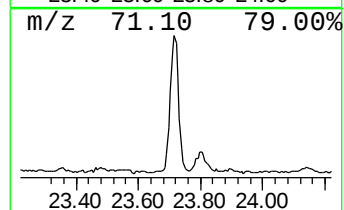
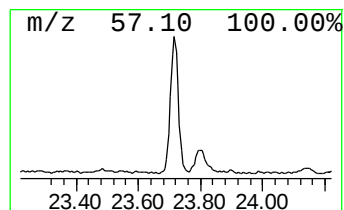
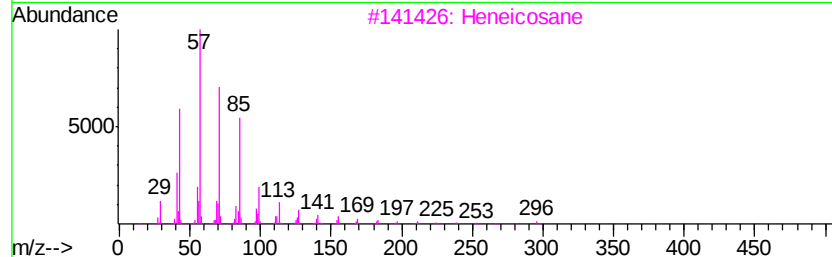
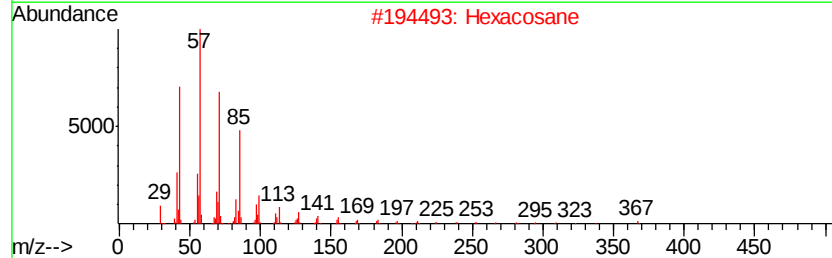
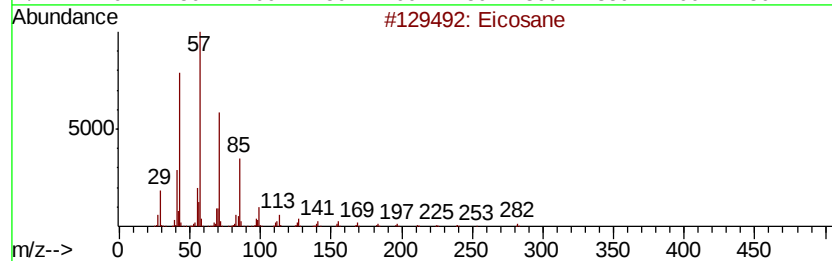
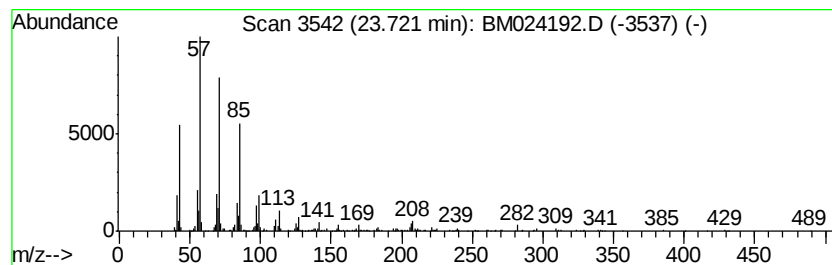
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.46 ng/ul	741504	Perylene-d12	23.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Hexacosane		366	C26H54	000630-01-3	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	2-methyloctacosane		408	C29H60	1000376-72-8	87
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\
Data File : BM024192.D
Acq On : 20 Dec 2019 01:55
Operator : JU
Sample : K6200-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Diethyltoluamide	14.87	20.8	ng/ul	3599170	3	14.10	3459010	20.0
(DEL) Alkane: Cyc...	20.81	6.5	ng/ul	1406850	5	21.07	4343680	20.0
(DEL) Alkane: Str...	22.59	2.2	ng/ul	474000	6	23.20	4283850	20.0
(DEL) Alkane: Str...	23.12	3.4	ng/ul	729514	6	23.20	4283850	20.0
(DEL) Alkane: Str...	23.72	3.5	ng/ul	741504	6	23.20	4283850	20.0