

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023288.D
 Acq On : 19 Oct 2019 15:06
 Operator : JU
 Sample : K5378-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0011

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-BM101419MA.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	3.169	28	31	39	rVB	62815	89262	1.11%	0.088%
2	3.675	115	117	124	rBV7	15254	19770	0.25%	0.020%
3	3.805	135	139	145	rVB	53829	87494	1.09%	0.087%
4	3.893	151	154	158	rVB2	26486	30342	0.38%	0.030%
5	4.805	305	309	313	rBV2	13983	18466	0.23%	0.018%
6	5.322	392	397	400	rBV7	11932	22192	0.28%	0.022%
7	5.687	456	459	465	rVB7	14646	27078	0.34%	0.027%
8	6.822	645	652	668	rBV2	830397	1508872	18.84%	1.493%
9	6.993	674	681	691	rBV	807830	1330002	16.61%	1.316%
10	7.187	705	714	724	rBV	1085246	1727267	21.57%	1.709%
11	7.310	730	735	741	rVB6	16301	29698	0.37%	0.029%
12	7.652	786	793	803	rBV	1372023	2178515	27.20%	2.156%
13	7.734	803	807	813	rBV6	11205	16681	0.21%	0.017%
14	8.357	906	913	928	rVV	903503	1467445	18.32%	1.452%
15	8.799	977	988	998	rBV	1026292	1695282	21.17%	1.678%
16	9.281	1065	1070	1076	rVB3	27845	44724	0.56%	0.044%
17	9.516	1102	1110	1118	rBV	709029	1170097	14.61%	1.158%
18	10.051	1194	1201	1214	rBV	1233000	2084965	26.03%	2.063%
19	10.428	1257	1265	1272	rBV	1737721	2984938	37.27%	2.954%
20	10.481	1272	1274	1278	rVV	34260	44173	0.55%	0.044%
21	10.563	1280	1288	1299	rBV	463294	801463	10.01%	0.793%
22	12.034	1532	1538	1542	rBV2	24170	42258	0.53%	0.042%
23	12.104	1544	1550	1556	rVB3	23319	38066	0.48%	0.038%
24	12.322	1581	1587	1596	rVB2	21470	33062	0.41%	0.033%
25	13.139	1724	1726	1732	rVB7	11891	20021	0.25%	0.020%
26	13.622	1803	1808	1812	rVB8	25633	43307	0.54%	0.043%
27	13.710	1817	1823	1828	rVV	2013537	2808302	35.06%	2.779%
28	13.757	1828	1831	1838	rVB	753311	1020839	12.75%	1.010%
29	13.986	1863	1870	1880	rBV	2668335	4080449	50.95%	4.038%
30	14.228	1907	1911	1915	rBV6	10693	16505	0.21%	0.016%
31	14.298	1916	1923	1930	rVV	2656797	3936190	49.15%	3.895%
32	14.363	1930	1934	1943	rVB	7623	19733	0.25%	0.020%
33	14.492	1951	1956	1966	rBV	244109	390507	4.88%	0.386%
34	14.645	1977	1982	1986	rBV7	21075	38906	0.49%	0.038%

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35	14.722	1986	1995	2002	rVB2	80976	175000	2.18%	0.173%
36	15.128	2060	2064	2068	rVB3	15789	17633	0.22%	0.017%
37	15.186	2068	2074	2077	rBV6	13976	22076	0.28%	0.022%
38	15.292	2085	2092	2098	rBV	3472238	4854434	60.61%	4.804%
39	15.345	2098	2101	2106	rVV4	24045	38259	0.48%	0.038%
40	15.410	2106	2112	2124	rVV	551623	772761	9.65%	0.765%
41	15.533	2127	2133	2140	rBV2	40034	71128	0.89%	0.070%
42	15.645	2147	2152	2155	rBV4	22118	36739	0.46%	0.036%
43	15.792	2173	2177	2184	rVB3	27739	50560	0.63%	0.050%
44	15.880	2187	2192	2196	rVV8	10886	19068	0.24%	0.019%
45	16.051	2217	2221	2223	rVV5	13953	24831	0.31%	0.025%
46	16.075	2223	2225	2233	rVB7	25781	40064	0.50%	0.040%
47	16.316	2261	2266	2267	rBV4	12223	17793	0.22%	0.018%
48	16.592	2308	2313	2316	rBV5	20166	34743	0.43%	0.034%
49	16.627	2316	2319	2322	rVB4	17609	20013	0.25%	0.020%
50	16.692	2326	2330	2335	rBV	53011	77586	0.97%	0.077%
51	16.786	2341	2346	2348	rBV3	20978	33046	0.41%	0.033%
52	16.863	2351	2359	2364	rVB3	34958	81151	1.01%	0.080%
53	17.039	2383	2389	2393	rVV2	3257755	4632935	57.85%	4.585%
54	17.080	2393	2396	2401	rVV	829489	1167794	14.58%	1.156%
55	17.139	2401	2406	2417	rVV	3769092	5386505	67.25%	5.330%
56	17.239	2419	2423	2429	rVB8	32195	50576	0.63%	0.050%
57	17.445	2453	2458	2463	rBV	64938	98295	1.23%	0.097%
58	17.574	2475	2480	2483	rBV5	32408	47350	0.59%	0.047%
59	17.621	2485	2488	2493	rVB6	21213	30259	0.38%	0.030%
60	17.916	2534	2538	2542	rBV	117248	160695	2.01%	0.159%
61	17.963	2542	2546	2552	rVV2	246804	355364	4.44%	0.352%
62	18.045	2555	2560	2563	rVV3	46554	70630	0.88%	0.070%
63	18.110	2565	2571	2575	rVV2	131958	244133	3.05%	0.242%
64	18.145	2575	2577	2585	rVB	89846	122386	1.53%	0.121%
65	18.268	2595	2598	2603	rVB6	43140	57665	0.72%	0.057%
66	18.421	2619	2624	2627	rBV	150096	203683	2.54%	0.202%
67	18.457	2627	2630	2638	rVB2	107688	156068	1.95%	0.154%
68	18.674	2664	2667	2671	rVB4	26896	36733	0.46%	0.036%
69	18.721	2672	2675	2679	rBV2	41603	49876	0.62%	0.049%
70	18.763	2679	2682	2687	rVB3	35204	53432	0.67%	0.053%
71	18.845	2691	2696	2700	rBV3	100021	164654	2.06%	0.163%

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72	18.910	2702	2707	2709	rBV4	64068	94177	1.18%	0.093%
73	18.980	2715	2719	2727	rVB2	101450	166524	2.08%	0.165%
74	19.104	2731	2740	2746	rBV	2585182	3489246	43.57%	3.453%
75	19.251	2762	2765	2769	rBV2	55535	79048	0.99%	0.078%
76	19.439	2791	2797	2800	rBV	5003402	7439215	92.88%	7.361%
77	19.463	2800	2801	2809	rVV	2061371	2084174	26.02%	2.062%
78	19.539	2811	2814	2820	rVB2	99905	157811	1.97%	0.156%
79	19.651	2829	2833	2838	rBV	143412	184214	2.30%	0.182%
80	19.798	2852	2858	2863	rBV5	155813	376686	4.70%	0.373%
81	19.927	2876	2880	2883	rBV3	132932	224834	2.81%	0.222%
82	20.027	2894	2897	2900	rBV	92500	97885	1.22%	0.097%
83	20.121	2908	2913	2918	rBV2	236631	383785	4.79%	0.380%
84	20.262	2934	2937	2941	rBV	89134	114562	1.43%	0.113%
85	20.310	2942	2945	2950	rVV3	79355	127556	1.59%	0.126%
86	20.521	2979	2981	2986	rBV4	91750	91927	1.15%	0.091%
87	20.709	3010	3013	3022	rBV	321627	438718	5.48%	0.434%
88	20.915	3045	3048	3051	rBV	204014	236466	2.95%	0.234%
89	20.980	3052	3059	3072	rVV5	1581007	2837330	35.43%	2.808%
90	21.233	3095	3102	3105	rBV2	4794374	8009209	100.00%	7.925%
91	21.268	3105	3108	3115	rVB	1391641	1794272	22.40%	1.776%
92	21.856	3205	3208	3220	rVB3	1126909	1920251	23.98%	1.900%
93	22.780	3360	3365	3369	rBV	1115368	2418581	30.20%	2.393%
94	22.821	3369	3372	3375	rVV	1238268	1797926	22.45%	1.779%
95	22.856	3375	3378	3388	rVB2	1390508	2289508	28.59%	2.266%
96	23.245	3441	3444	3447	rBV	416416	587639	7.34%	0.581%
97	23.298	3447	3453	3458	rBV	3384518	5854374	73.10%	5.793%
98	23.433	3470	3476	3483	rBV	3109770	5380920	67.18%	5.325%
99	24.027	3574	3577	3584	rVB	571146	942570	11.77%	0.933%
100	24.109	3586	3591	3599	rVB	1026131	2094263	26.15%	2.072%

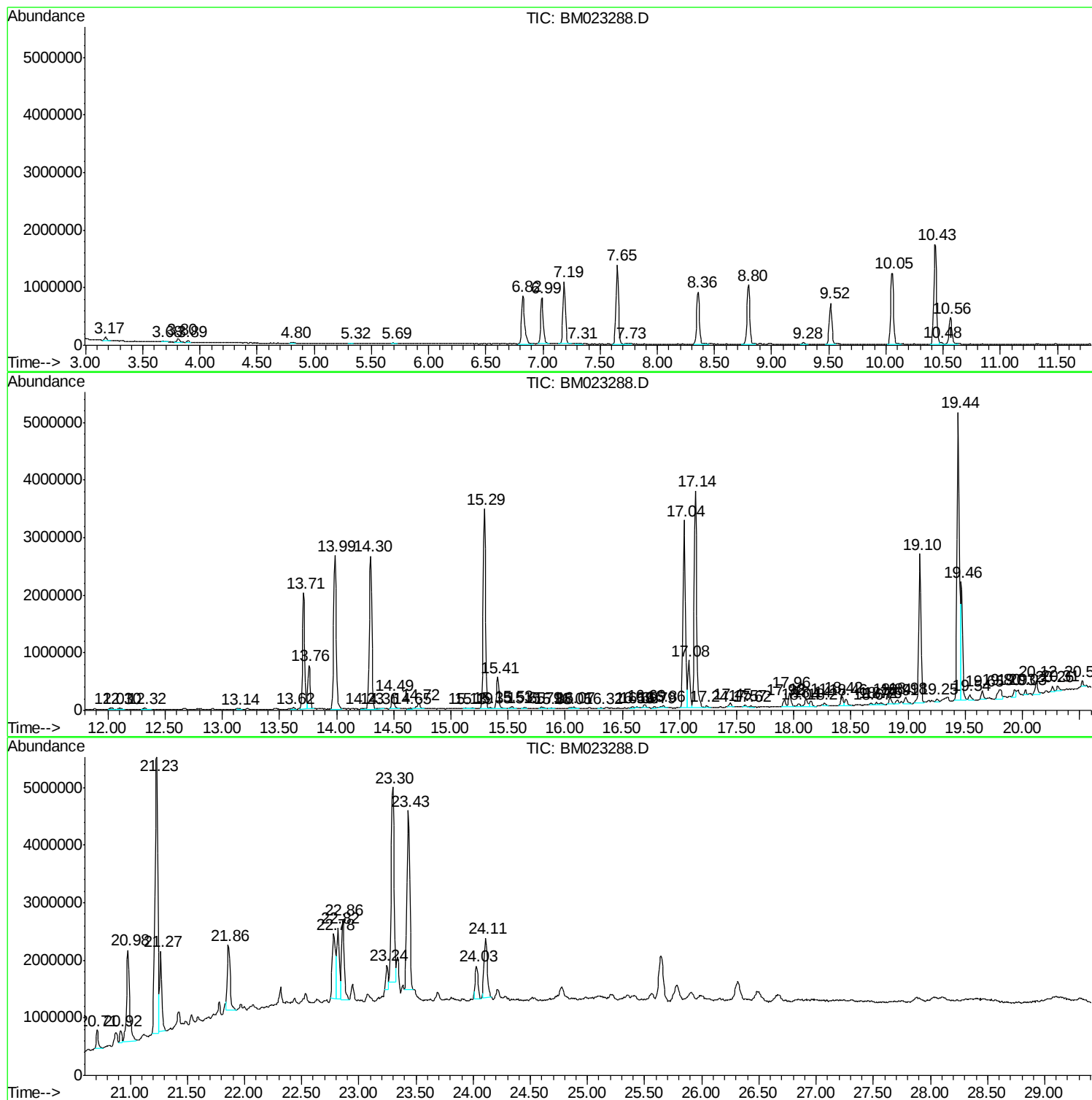
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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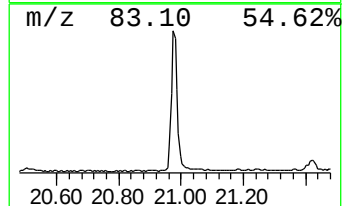
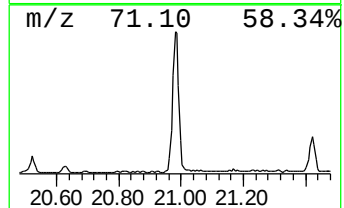
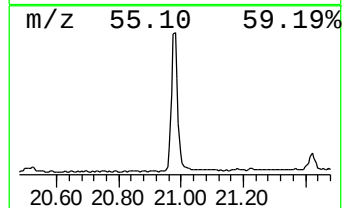
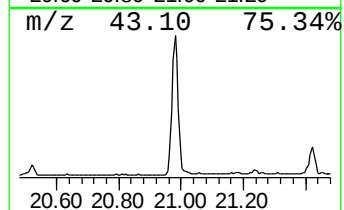
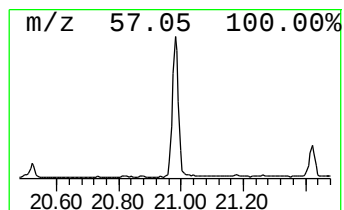
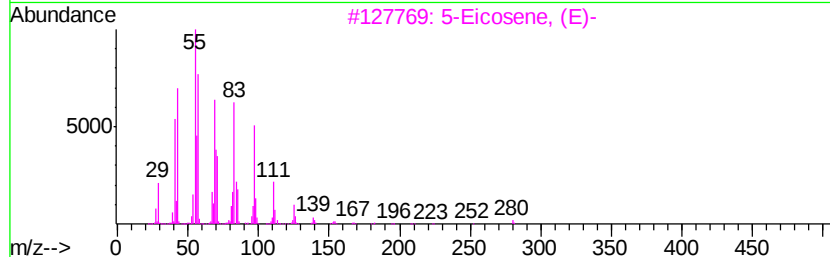
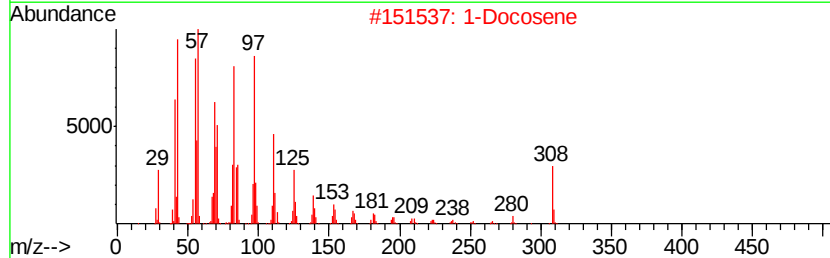
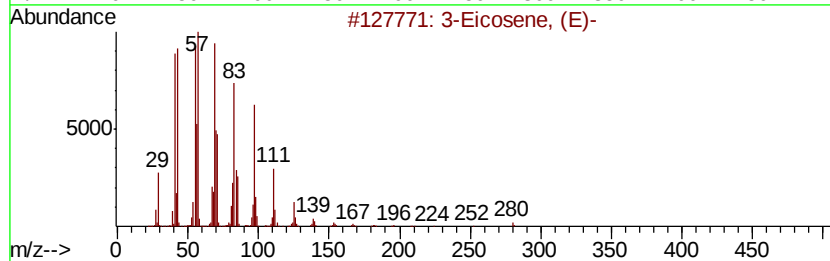
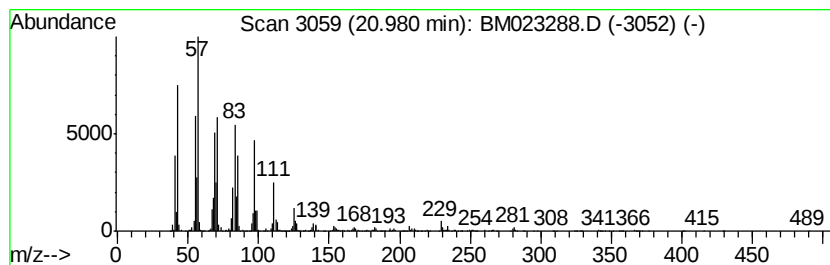
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	7.09 ng/ul	2837330	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 98
2	1-Docosene		308 C22H44	001599-67-3 93
3	5-Eicosene, (E)-		280 C20H40	074685-30-6 92
4	Oxalic acid, isobutyl hexadecyl ...		370 C22H42O4	1000309-38-1 91
5	Docosyl pentafluoropropionate		472 C25H45F5O2	1000351-80-9 87



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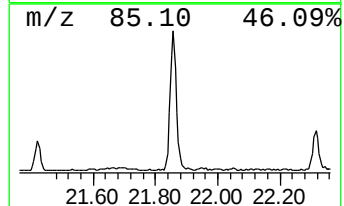
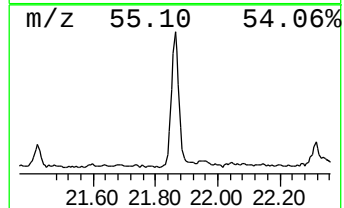
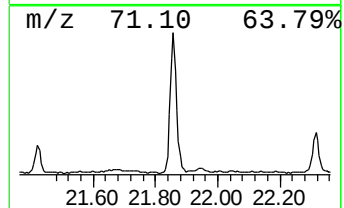
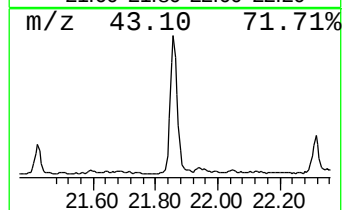
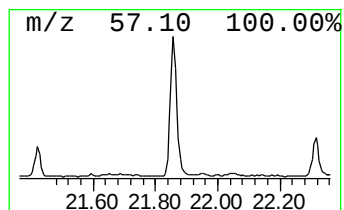
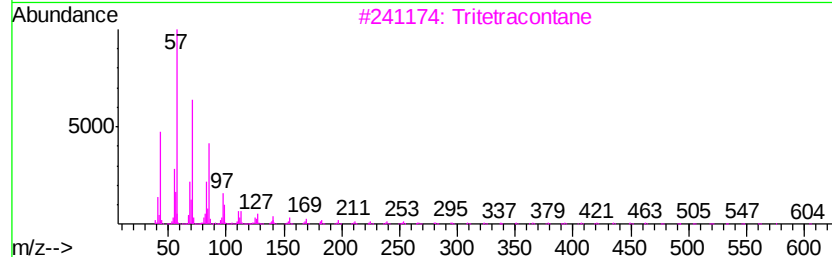
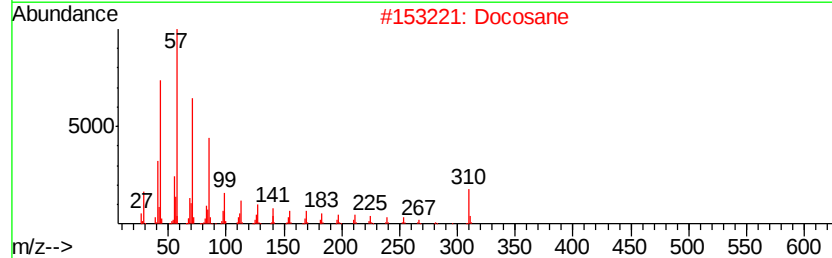
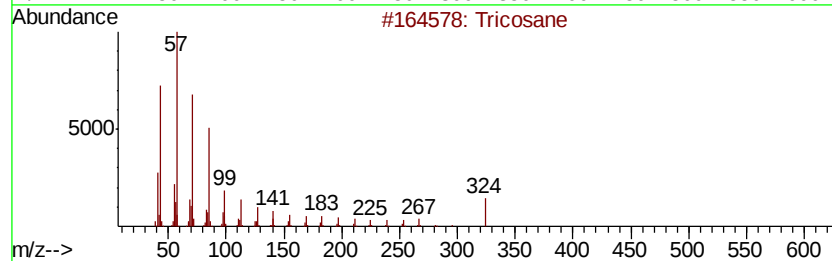
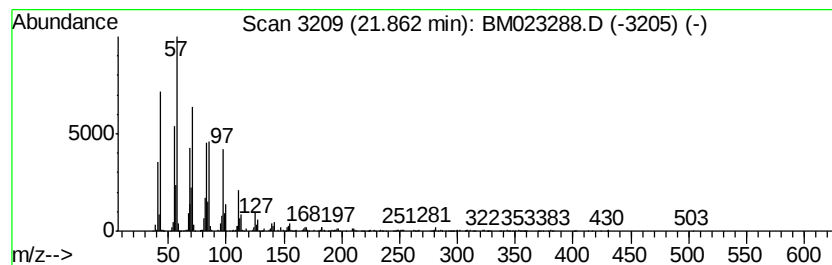
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	4.80 ng/ul	1920250	Chrysene-d12	21.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Docosane	310	C22H46	000629-97-0	91
3			Tritetracontane	605	C43H88	007098-21-7	91
4			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83



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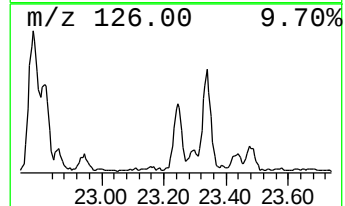
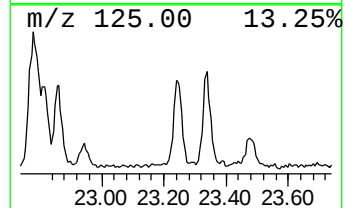
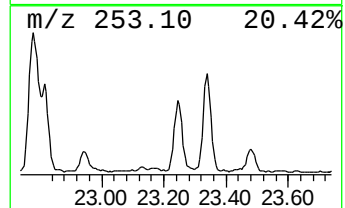
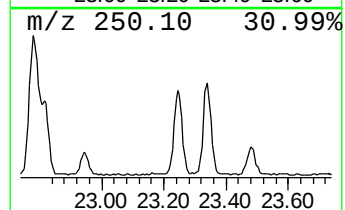
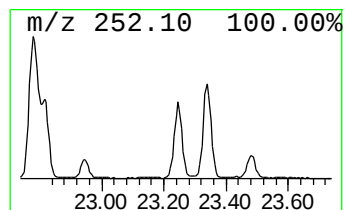
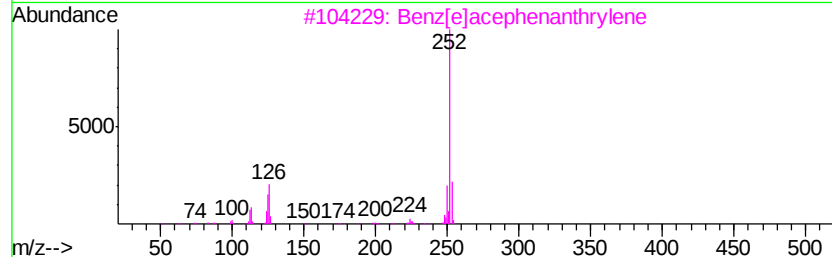
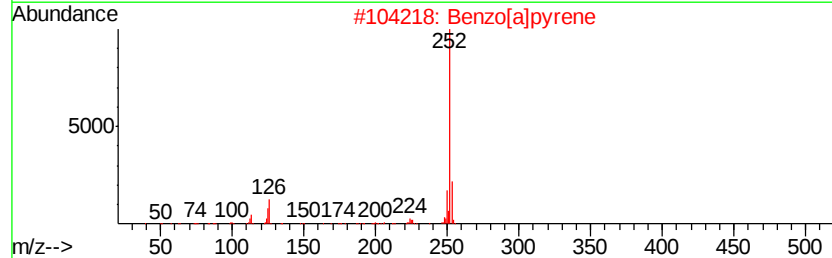
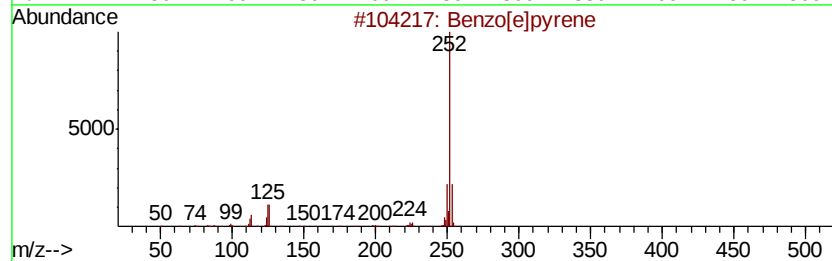
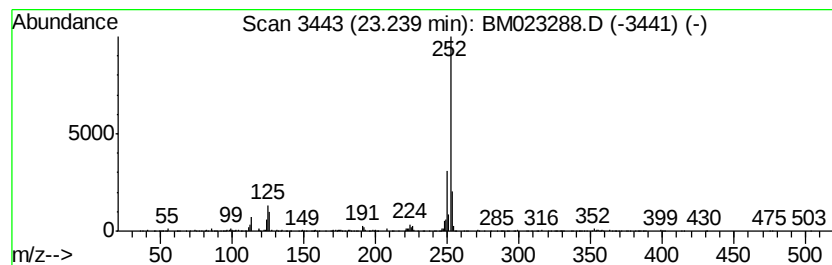
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Peak Number 3 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.18 ng/ul	587639	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	91
5		Benzo[e]pyrene	252	C20H12	000192-97-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023288.D
Acq On : 19 Oct 2019 15:06
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0011

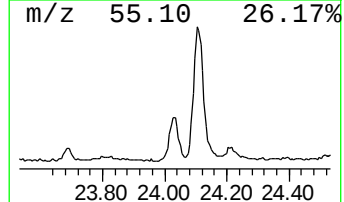
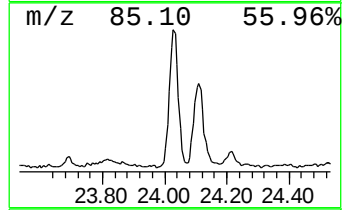
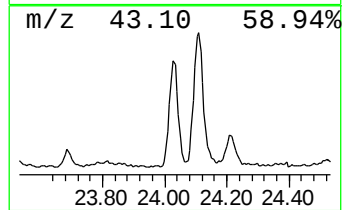
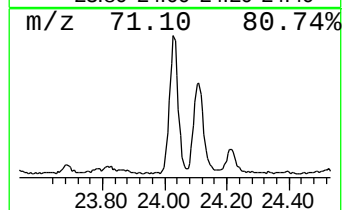
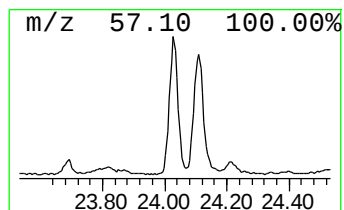
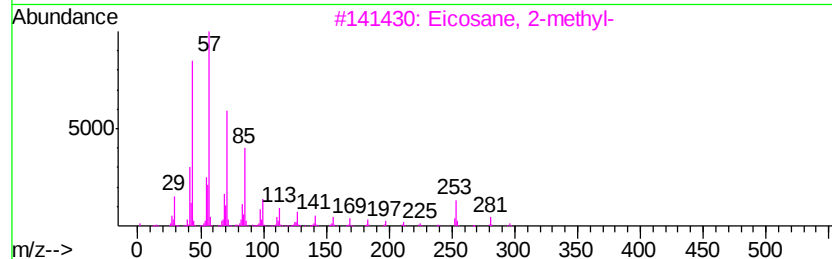
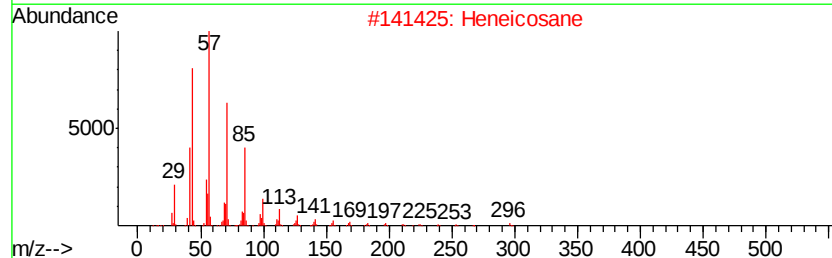
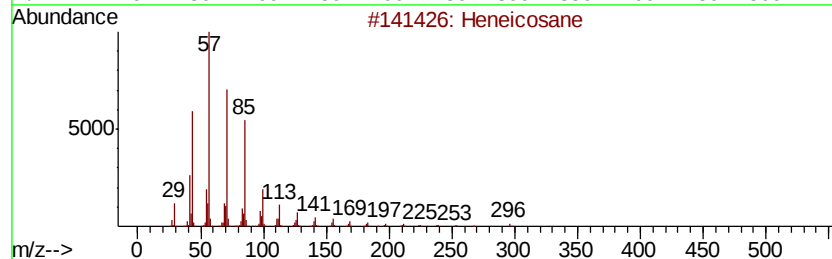
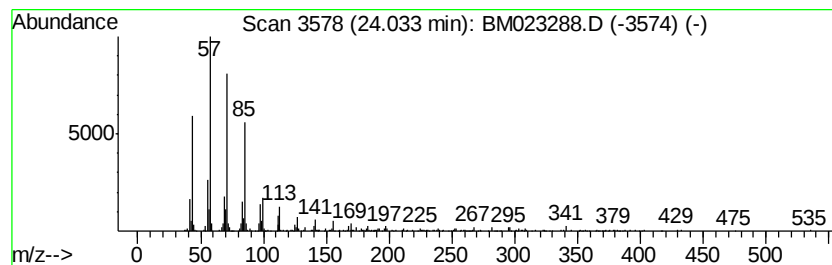
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Quant Title : SVOA CALIBRATION

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.
24.03	3.50 ng/ul	942570	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
4		Docosane	310	C22H46	000629-97-0	93
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



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Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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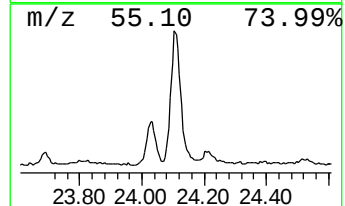
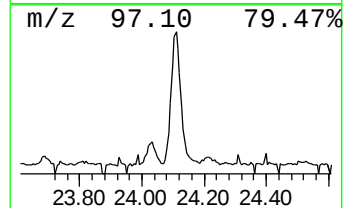
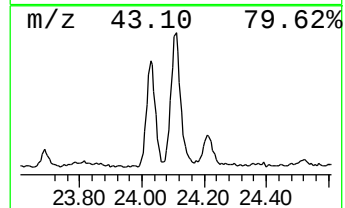
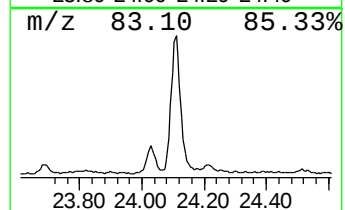
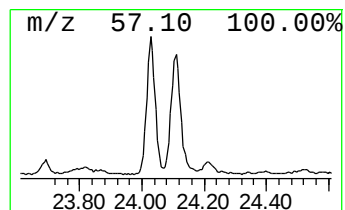
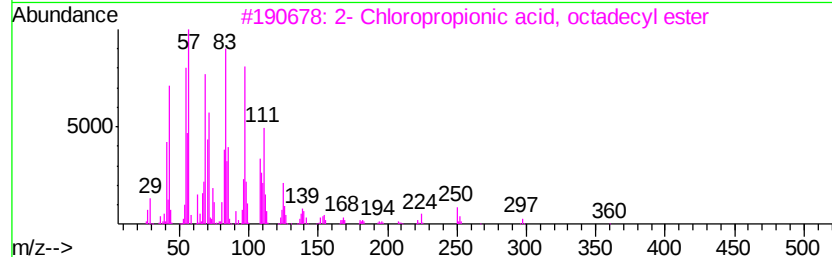
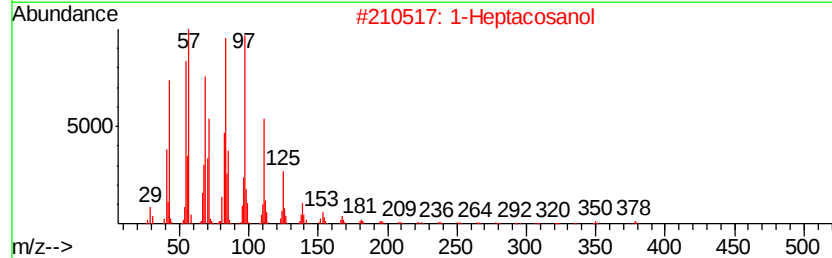
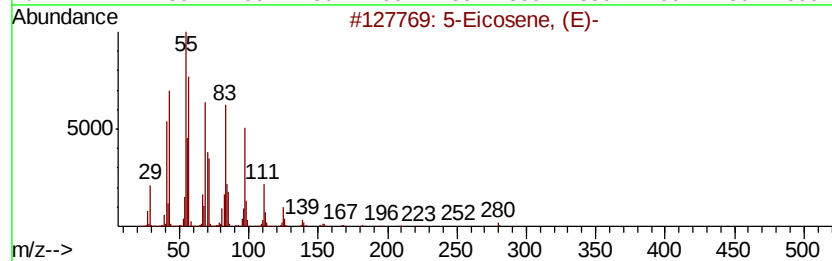
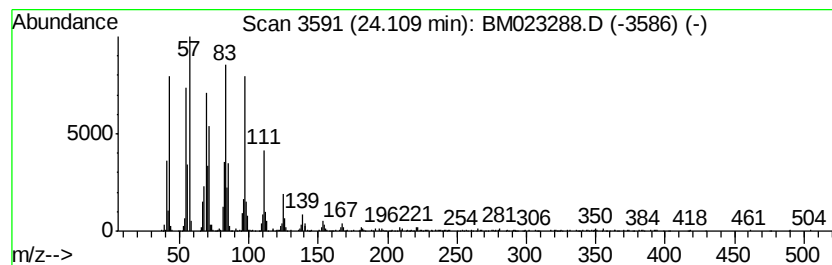
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic24.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	7.78 ng/ul	2094260	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
4		Octacosanol	410	C28H58O	000557-61-9	94
5		Octacosanol	410	C28H58O	000557-61-9	94



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Acq On : 19 Oct 2019 15:06
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
(DEL) Alkane: Cyc...	20.98	7.1	ng/ul	2837330	5	21.23	8009210	20.0
(DEL) Alkane: Str...	21.86	4.8	ng/ul	1920250	5	21.23	8009210	20.0
Benzo[e]pyrene	23.24	2.2	ng/ul	587639	6	23.43	5380920	20.0
(DEL) Alkane: Str...	24.03	3.5	ng/ul	942570	6	23.43	5380920	20.0
(DEL) Alkane: Cyc...	24.11	7.8	ng/ul	2094260	6	23.43	5380920	20.0