

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020366.D
 Acq On : 17 May 2019 15:49
 Operator : JU/SJ
 Sample : K2690-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5150

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-BM051619MA.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	6.898	660	665	677	rBV	102896	198628	20.32%	1.875%
2	7.075	690	695	707	rVB	87022	150999	15.44%	1.425%
3	7.263	721	727	740	rVB	126869	218787	22.38%	2.065%
4	7.734	801	807	817	rVB	223427	360469	36.87%	3.402%
5	8.216	888	889	891	rBV	2029	1706	0.17%	0.016%
6	8.439	921	927	938	rBV	119593	218644	22.36%	2.064%
7	8.598	953	954	958	rBV3	2024	2121	0.22%	0.020%
8	8.904	998	1006	1015	rBV	104913	193143	19.75%	1.823%
9	9.298	1071	1073	1076	rBV	1330	1073	0.11%	0.010%
10	9.622	1121	1128	1139	rVB	79825	144709	14.80%	1.366%
11	10.075	1202	1205	1208	rBV2	831	1399	0.14%	0.013%
12	10.145	1212	1217	1230	rVV	121805	228424	23.36%	2.156%
13	10.245	1233	1234	1238	rVV2	2390	2567	0.26%	0.024%
14	10.280	1238	1240	1242	rVB	1449	1095	0.11%	0.010%
15	10.527	1275	1282	1292	rBV	274129	469008	47.97%	4.427%
16	10.674	1301	1307	1325	rBV	82560	184614	18.88%	1.743%
17	11.539	1451	1454	1460	rBV	900	1336	0.14%	0.013%
18	13.792	1832	1837	1842	rBV	280454	399548	40.87%	3.771%
19	13.845	1842	1846	1856	rVB	62359	93837	9.60%	0.886%
20	14.074	1879	1885	1899	rVB	278506	429779	43.96%	4.057%
21	14.227	1907	1911	1914	rVB2	666	1076	0.11%	0.010%
22	14.386	1931	1938	1949	rBV2	401639	628133	64.25%	5.929%
23	14.604	1968	1975	1990	rBV3	18801	60118	6.15%	0.567%
24	14.851	2013	2017	2020	rVB	927	1540	0.16%	0.015%
25	15.145	2062	2067	2069	rBV2	1009	1434	0.15%	0.014%
26	15.380	2101	2107	2119	rBV	392735	563614	57.65%	5.320%
27	15.509	2124	2129	2138	rVB	69507	99837	10.21%	0.942%
28	15.621	2145	2148	2151	rBV2	2351	3396	0.35%	0.032%
29	16.392	2274	2279	2281	rBV	908	1525	0.16%	0.014%
30	16.862	2356	2359	2364	rBV3	1802	2668	0.27%	0.025%
31	17.133	2399	2405	2416	rBV2	525588	760771	77.81%	7.181%
32	17.233	2416	2422	2435	rVV2	402029	592527	60.60%	5.593%
33	17.356	2442	2443	2447	rVB2	1251	1093	0.11%	0.010%
34	17.492	2464	2466	2469	rBV	1763	1326	0.14%	0.013%

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35	17.809	2517	2520	2524	rBV2	1044	1631	0.17%	0.015%
36	17.850	2524	2527	2529	rVB2	1220	1016	0.10%	0.010%
37	17.880	2529	2532	2534	rBV2	1318	1493	0.15%	0.014%
38	18.015	2551	2555	2560	rBV2	38262	46379	4.74%	0.438%
39	18.092	2567	2568	2571	rVB	2091	2051	0.21%	0.019%
40	18.156	2574	2579	2581	rVB3	1326	2059	0.21%	0.019%
41	18.198	2583	2586	2588	rVV2	1622	2003	0.20%	0.019%
42	18.256	2592	2596	2597	rVB3	1335	1334	0.14%	0.013%
43	18.309	2602	2605	2607	rBV3	1449	1985	0.20%	0.019%
44	18.462	2629	2631	2632	rBV2	1547	1249	0.13%	0.012%
45	18.562	2646	2648	2650	rVV2	1327	1418	0.15%	0.013%
46	18.621	2657	2658	2663	rBV5	1432	1877	0.19%	0.018%
47	18.686	2668	2669	2672	rBV3	1989	1604	0.16%	0.015%
48	18.768	2680	2683	2686	rBV3	1521	2226	0.23%	0.021%
49	18.815	2690	2691	2694	rBV2	1633	1451	0.15%	0.014%
50	18.956	2711	2715	2718	rVV2	1493	2301	0.24%	0.022%
51	18.997	2720	2722	2724	rBV2	1446	1077	0.11%	0.010%
52	19.115	2740	2742	2745	rBV2	1866	2129	0.22%	0.020%
53	19.168	2746	2751	2754	rVV3	3398	5323	0.54%	0.050%
54	19.303	2770	2774	2780	rBV5	11213	16349	1.67%	0.154%
55	19.345	2780	2781	2782	rVB	2785	983	0.10%	0.009%
56	19.362	2782	2784	2787	rBV3	2188	2859	0.29%	0.027%
57	19.415	2791	2793	2794	rBV	2528	2114	0.22%	0.020%
58	19.533	2808	2813	2823	rBV	550478	747831	76.49%	7.059%
59	20.456	2967	2970	2975	rBV5	18122	27963	2.86%	0.264%
60	21.033	3064	3068	3075	rBV5	53036	89303	9.13%	0.843%
61	21.333	3114	3119	3125	rBV	754531	930382	95.16%	8.782%
62	21.468	3139	3142	3149	rVB6	23024	29760	3.04%	0.281%
63	21.903	3213	3216	3219	rBV	50591	60649	6.20%	0.572%
64	22.374	3292	3296	3304	rVB	88095	119535	12.23%	1.128%
65	22.880	3379	3382	3387	rVB	110914	154790	15.83%	1.461%
66	23.456	3475	3480	3493	rVB2	522914	977692	100.00%	9.228%
67	23.609	3499	3506	3515	rVB2	484785	940568	96.20%	8.878%
68	24.115	3587	3592	3601	rVB	110749	214773	21.97%	2.027%
69	24.874	3717	3721	3728	rVB3	88086	177217	18.13%	1.673%

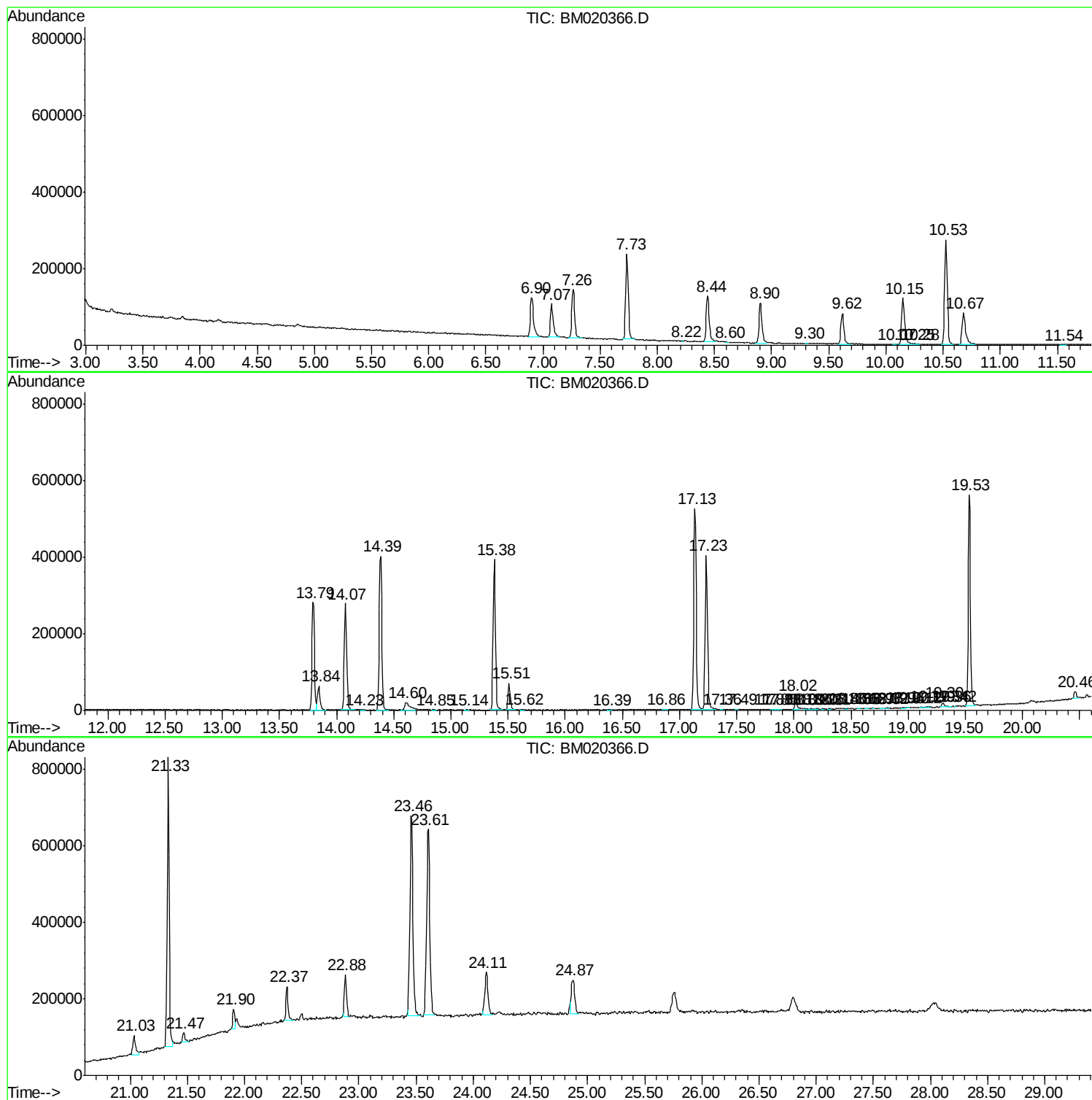
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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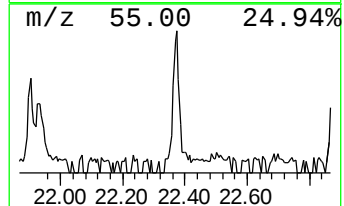
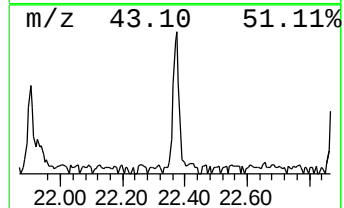
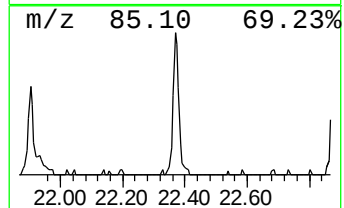
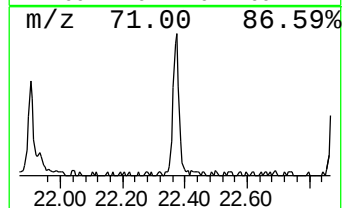
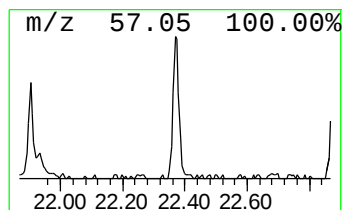
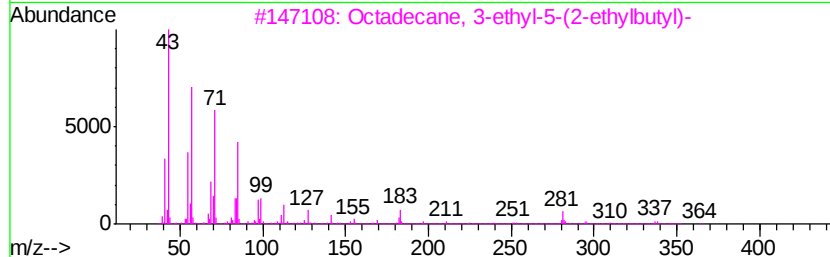
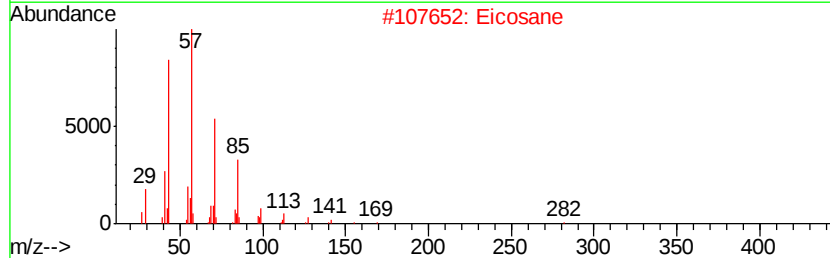
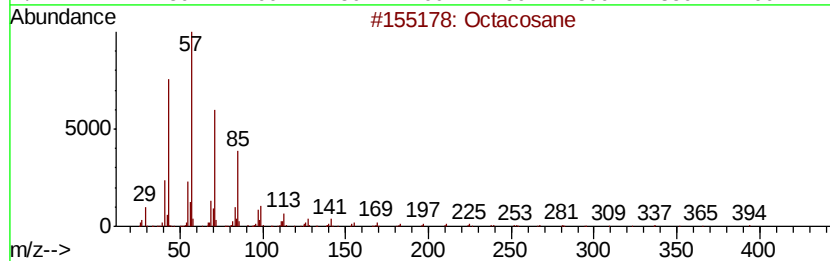
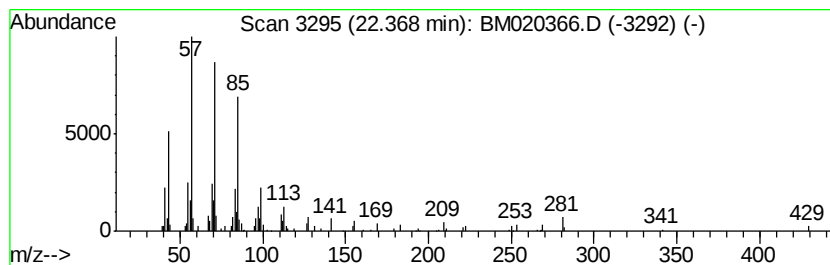
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	2.57 ng/ul	119535	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Heptacosane	380	C27H56	000593-49-7	86



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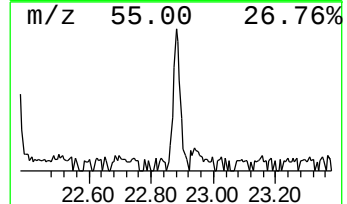
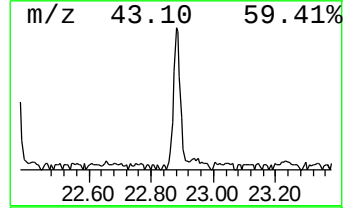
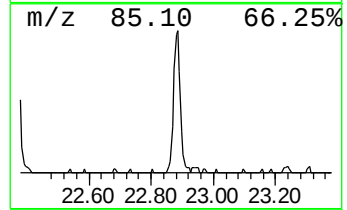
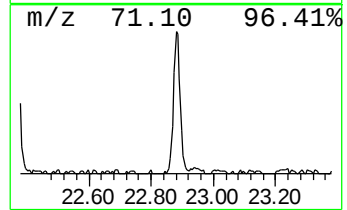
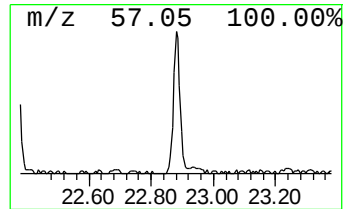
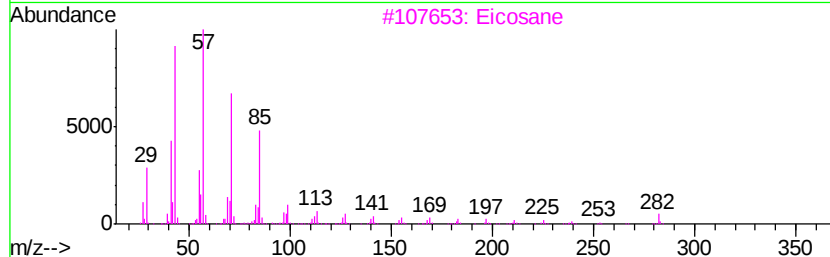
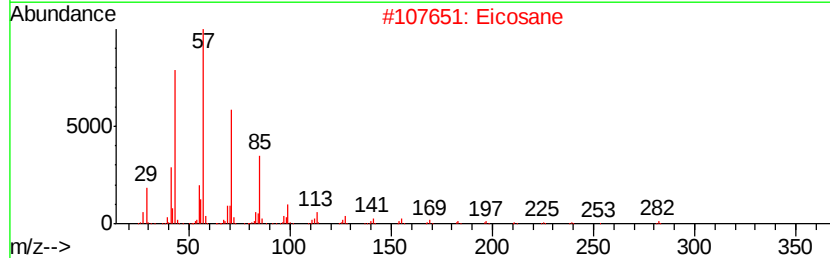
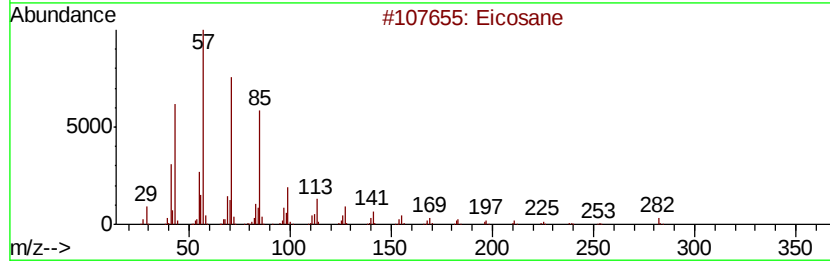
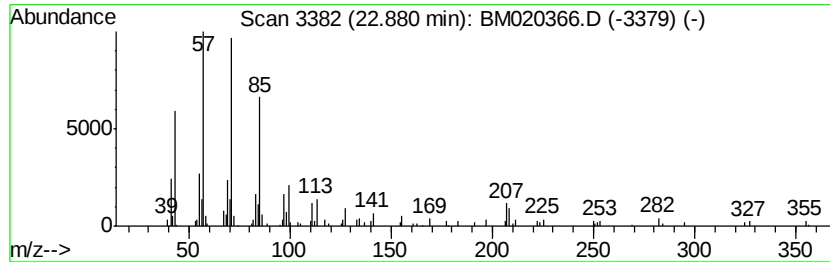
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
22.88	3.29 ng/ul	154790	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	86



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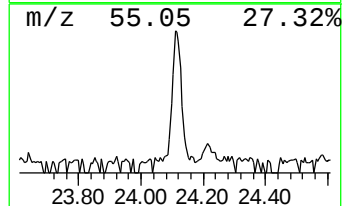
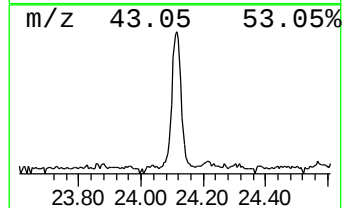
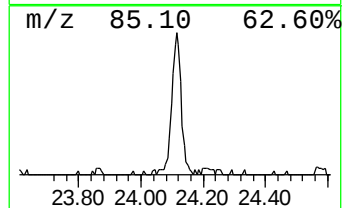
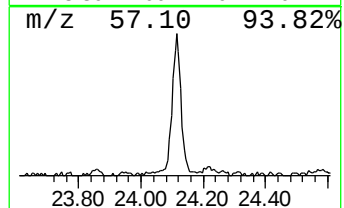
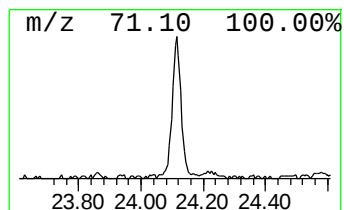
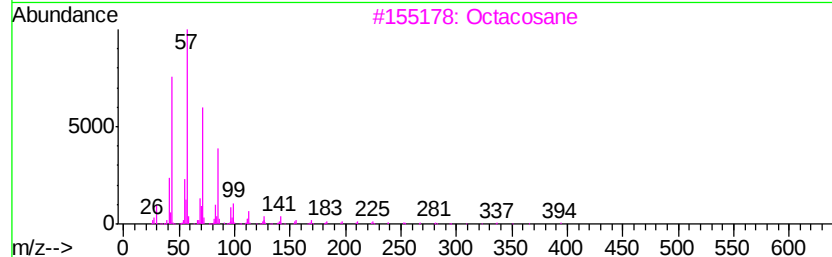
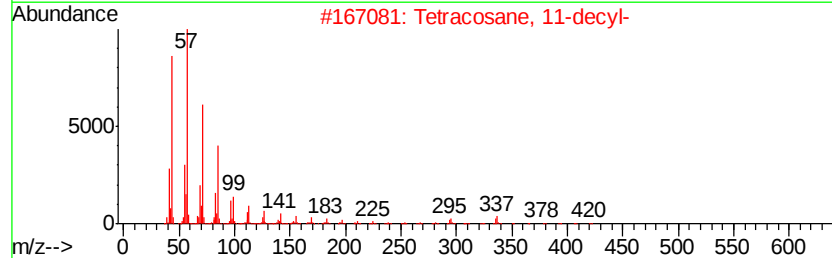
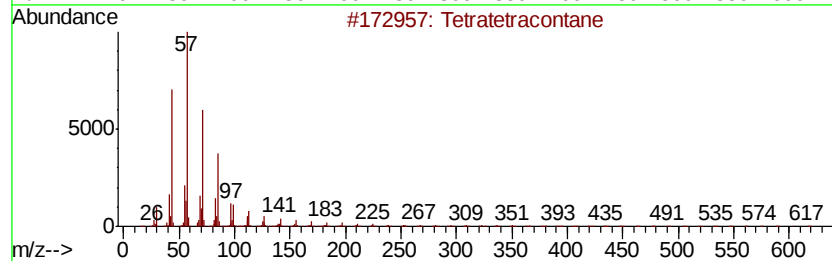
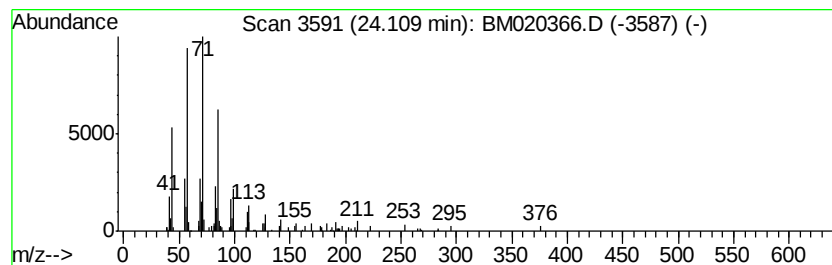
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	4.57 ng/ul	214773	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Hexatriacontane	507	C36H74	000630-06-8	86
5			Heptacosane	380	C27H56	000593-49-7	83



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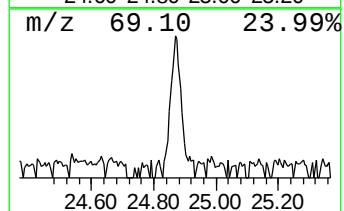
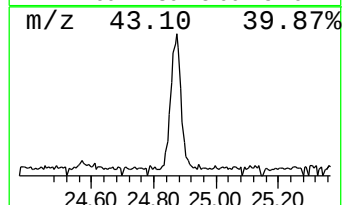
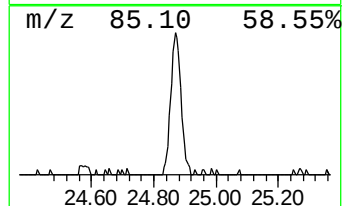
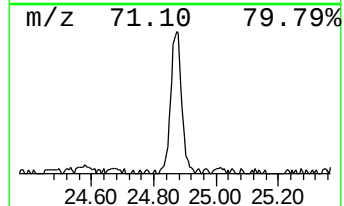
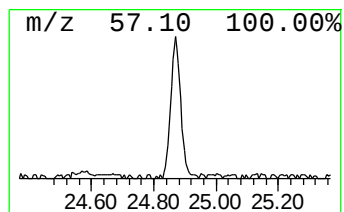
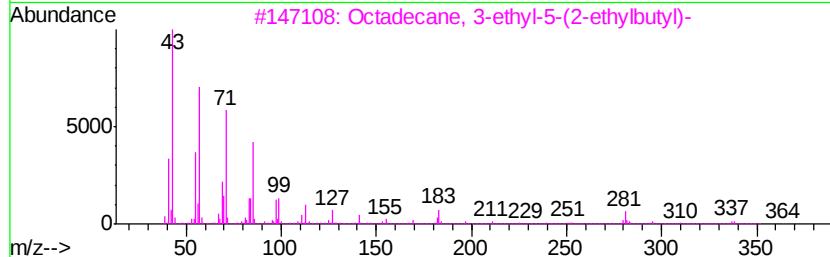
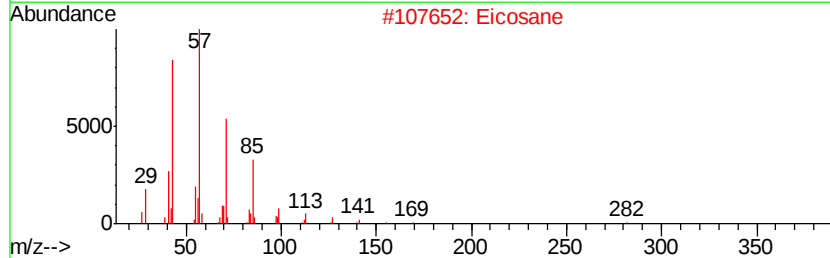
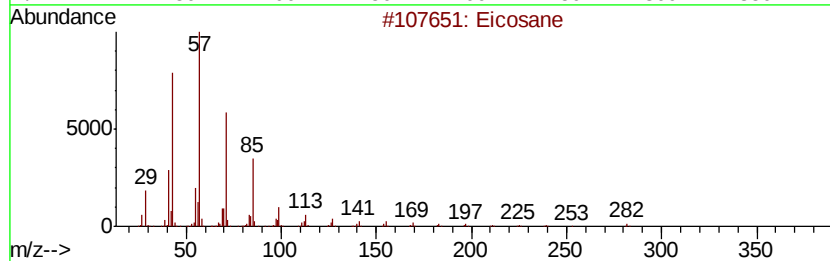
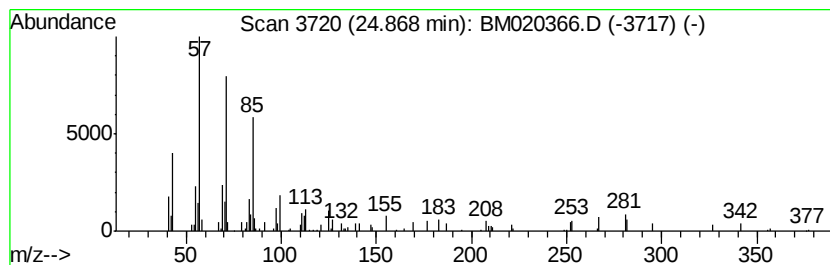
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	3.77 ng/ul	177217	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Eicosane	282	C20H42	000112-95-8	64
3		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	64
4		Hexacosane	366	C26H54	000630-01-3	64
5		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	62



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard--				
TIC Top Hit name					#	RT	Resp	Conc	
(DEL)	Alkane: Str...	22.37	2.6 ng/ul	119535	5	21.33	930382	20.0	
(DEL)	Alkane: Str...	22.88	3.3 ng/ul	154790	6	23.60	940568	20.0	
(DEL)	Alkane: Str...	24.11	4.6 ng/ul	214773	6	23.60	940568	20.0	
(DEL)	Alkane: Str...	24.87	3.8 ng/ul	177217	6	23.60	940568	20.0	