

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019775.D
 Acq On : 06 Apr 2019 06:47
 Operator : JU/SJ
 Sample : K2217-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF608

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-BM032219MA.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	3.116	19	22	31	rVB	27660	38785	1.32%	0.117%
2	4.710	290	293	296	rBV	3821	5470	0.19%	0.017%
3	6.751	633	640	659	rBV	238693	539968	18.35%	1.634%
4	6.916	662	668	683	rBV	208200	392235	13.33%	1.187%
5	7.093	692	698	712	rVB	306348	533619	18.13%	1.615%
6	7.557	771	777	786	rBV	573722	936453	31.82%	2.834%
7	7.628	786	789	793	rVB4	6764	10656	0.36%	0.032%
8	8.281	894	900	921	rBV	324000	659973	22.42%	1.997%
9	8.734	969	977	993	rBV	275467	517450	17.58%	1.566%
10	9.045	1023	1030	1037	rVB2	16277	24997	0.85%	0.076%
11	9.445	1091	1098	1111	rBV	232184	441956	15.02%	1.337%
12	9.981	1181	1189	1210	rBV	296910	667985	22.70%	2.021%
13	10.334	1242	1249	1260	rBV	890217	1508364	51.25%	4.564%
14	10.510	1271	1279	1307	rBV	228400	615362	20.91%	1.862%
15	11.969	1523	1527	1530	rBV2	2693	3686	0.13%	0.011%
16	13.010	1701	1704	1707	rVB3	3813	4448	0.15%	0.013%
17	13.092	1714	1718	1724	rBV	15321	22814	0.78%	0.069%
18	13.510	1786	1789	1793	rBV3	6339	8493	0.29%	0.026%
19	13.639	1806	1811	1816	rBV	776316	1082323	36.77%	3.275%
20	13.692	1816	1820	1833	rVB	212640	328595	11.16%	0.994%
21	13.910	1851	1857	1873	rBV	849252	1253235	42.58%	3.792%
22	14.104	1887	1890	1893	rVB	4859	5523	0.19%	0.017%
23	14.222	1903	1910	1926	rVB2	1431540	2119080	72.00%	6.412%
24	14.498	1951	1957	1973	rBV2	85509	289763	9.84%	0.877%
25	14.651	1980	1983	1989	rVB5	12672	19919	0.68%	0.060%
26	14.722	1994	1995	2002	rVB4	4624	5828	0.20%	0.018%
27	15.016	2040	2045	2049	rVB2	4677	7701	0.26%	0.023%
28	15.063	2049	2053	2057	rVB2	8269	10409	0.35%	0.031%
29	15.222	2074	2080	2096	rBV	1166591	1717465	58.35%	5.197%
30	15.380	2101	2107	2118	rBV	211371	367973	12.50%	1.113%
31	15.463	2118	2121	2126	rVV2	16426	25286	0.86%	0.077%
32	15.498	2126	2127	2132	rVB2	3364	3618	0.12%	0.011%
33	15.621	2145	2148	2153	rVB6	3651	5732	0.19%	0.017%
34	15.945	2194	2203	2211	rVB3	17309	36770	1.25%	0.111%

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35	16.010	2211	2214	2219	rBV5	4356	6507	0.22%	0.020%
36	16.180	2239	2243	2247	rVB2	4009	4487	0.15%	0.014%
37	16.263	2253	2257	2259	rBV3	2067	3460	0.12%	0.010%
38	16.298	2261	2263	2266	rVV3	2943	3388	0.12%	0.010%
39	16.333	2266	2269	2271	rVB3	2993	3490	0.12%	0.011%
40	16.392	2275	2279	2285	rBV4	7661	12536	0.43%	0.038%
41	16.721	2330	2335	2338	rBV3	8930	14831	0.50%	0.045%
42	16.768	2338	2343	2350	rVV3	10355	15789	0.54%	0.048%
43	16.886	2356	2363	2369	rBV2	10248	19963	0.68%	0.060%
44	16.980	2373	2379	2390	rBV2	1848195	2551520	86.69%	7.721%
45	17.080	2390	2396	2412	rVV	1233191	1765628	59.99%	5.343%
46	17.263	2425	2427	2434	rVB3	3411	5056	0.17%	0.015%
47	17.321	2434	2437	2438	rBV	2448	3134	0.11%	0.009%
48	17.363	2441	2444	2450	rVV7	11204	18866	0.64%	0.057%
49	17.463	2457	2461	2464	rBV2	10082	12412	0.42%	0.038%
50	17.592	2480	2483	2484	rBV2	3484	2990	0.10%	0.009%
51	17.615	2484	2487	2489	rVV4	6062	7580	0.26%	0.023%
52	17.645	2489	2492	2496	rVB4	6196	7141	0.24%	0.022%
53	17.757	2505	2511	2516	rBV6	9202	20113	0.68%	0.061%
54	17.821	2517	2522	2524	rBV5	3867	6200	0.21%	0.019%
55	17.874	2526	2531	2542	rBV	235330	393031	13.35%	1.189%
56	17.951	2542	2544	2550	rVB2	12111	19179	0.65%	0.058%
57	18.033	2557	2558	2560	rBV2	3437	2960	0.10%	0.009%
58	18.157	2574	2579	2586	rBV4	23520	50011	1.70%	0.151%
59	18.310	2601	2605	2608	rBV6	3253	4316	0.15%	0.013%
60	18.410	2620	2622	2623	rBV2	4778	3522	0.12%	0.011%
61	18.480	2632	2634	2637	rVB4	5233	4699	0.16%	0.014%
62	18.521	2639	2641	2644	rBV3	3301	3265	0.11%	0.010%
63	18.568	2646	2649	2651	rVB2	6567	6754	0.23%	0.020%
64	18.745	2674	2679	2684	rBV4	23203	39233	1.33%	0.119%
65	18.798	2684	2688	2691	rBV	29453	33111	1.12%	0.100%
66	19.027	2721	2727	2728	rBV4	34965	51738	1.76%	0.157%
67	19.168	2746	2751	2759	rBV	142376	234215	7.96%	0.709%
68	19.392	2783	2789	2794	rBV	1456298	2046744	69.54%	6.193%
69	19.451	2795	2799	2814	rVB	246735	465421	15.81%	1.408%
70	19.627	2827	2829	2834	rVB2	14943	15463	0.53%	0.047%
71	19.762	2850	2852	2858	rVB7	12442	19426	0.66%	0.059%

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72	19.921	2874	2879	2883	rVB	50499	65831	2.24%	0.199%
73	20.421	2961	2964	2969	rBV2	58231	64898	2.20%	0.196%
74	20.662	3003	3005	3009	rVB2	29612	27124	0.92%	0.082%
75	20.892	3039	3044	3050	rBV	376596	508098	17.26%	1.537%
76	21.192	3090	3095	3101	rBV	2324465	2943275	100.00%	8.906%
77	21.321	3114	3117	3124	rBV	123007	140395	4.77%	0.425%
78	21.750	3186	3190	3193	rBV	224830	279536	9.50%	0.846%
79	22.198	3262	3266	3272	rVB	291766	375800	12.77%	1.137%
80	22.321	3284	3287	3290	rVB	74640	78030	2.65%	0.236%
81	22.686	3345	3349	3355	rBV	421447	559851	19.02%	1.694%
82	23.250	3437	3445	3454	rBV2	1007335	2242579	76.19%	6.786%
83	23.392	3462	3469	3477	rBV	1430435	2613705	88.80%	7.909%
84	23.856	3543	3548	3555	rVB	392045	667657	22.68%	2.020%
85	24.574	3666	3670	3677	rVB	211931	391197	13.29%	1.184%

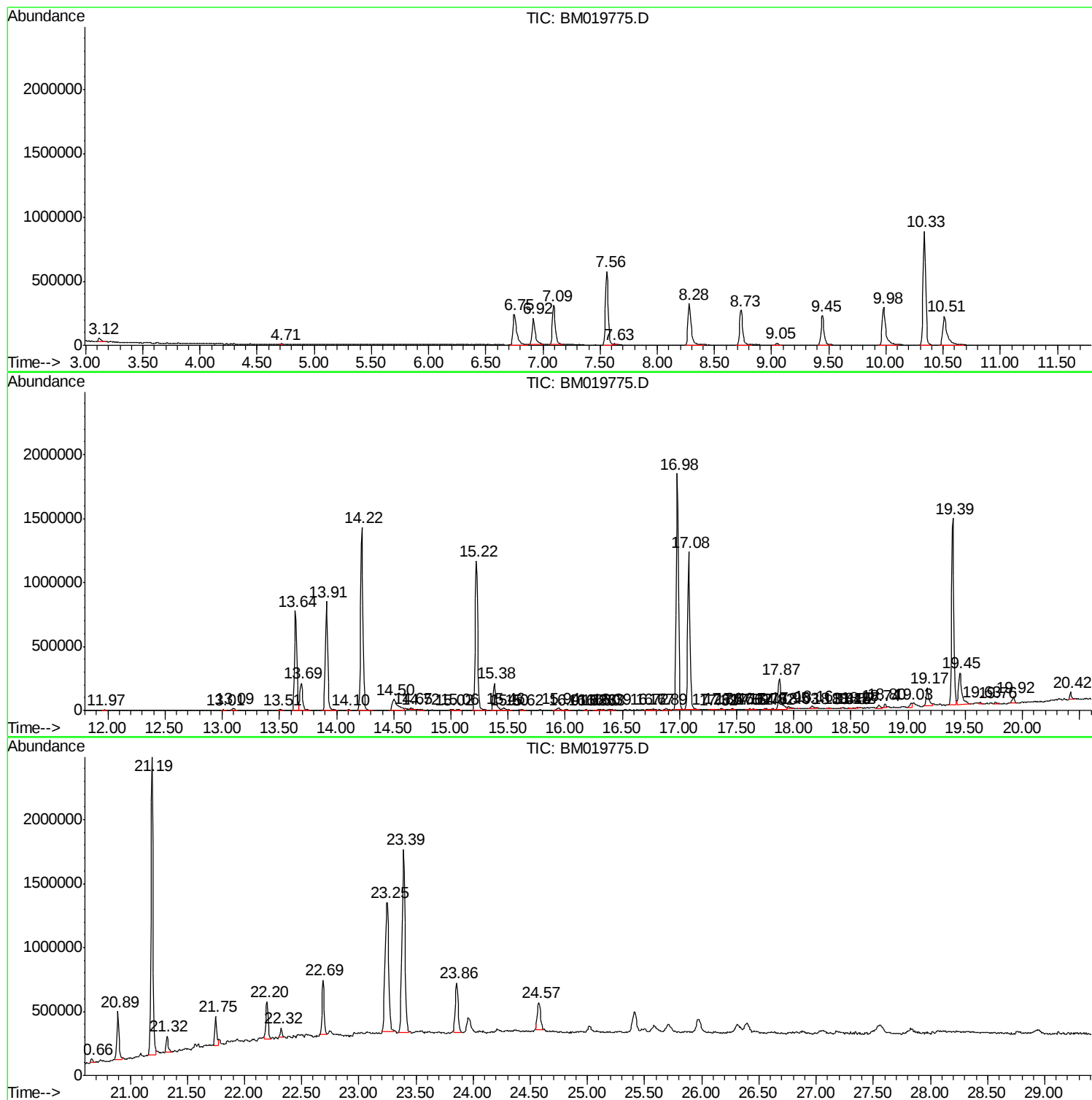
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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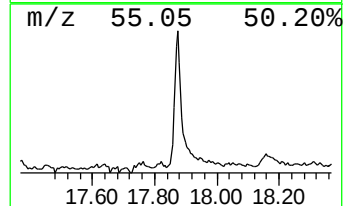
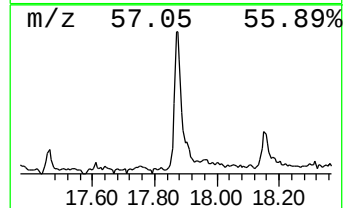
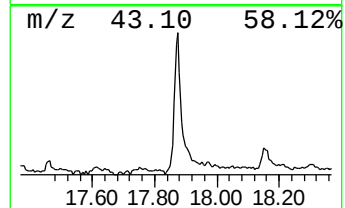
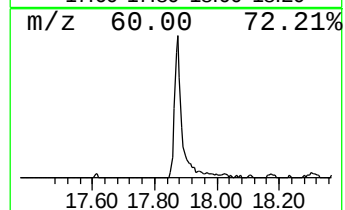
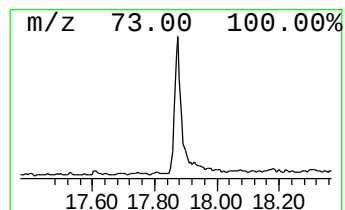
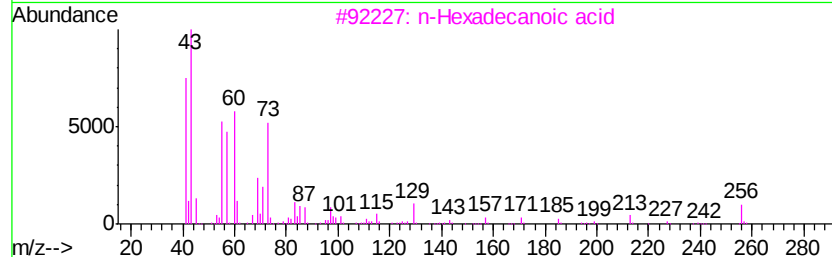
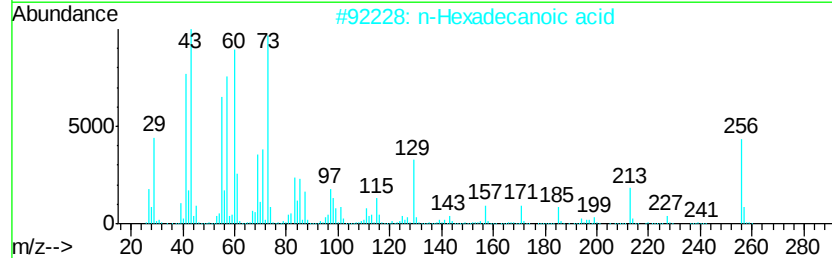
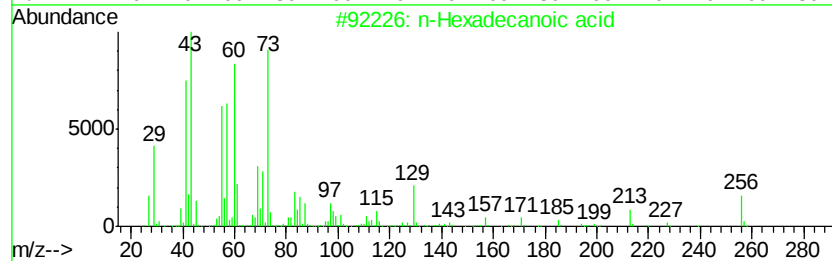
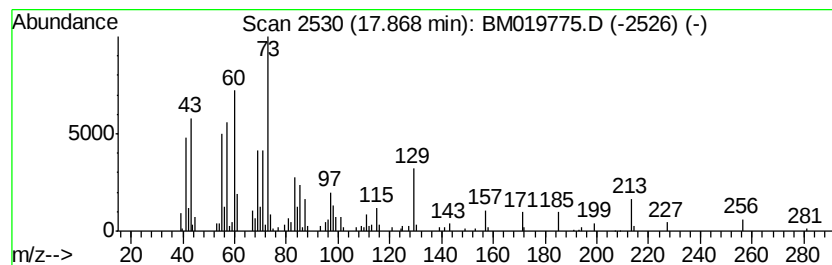
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	3.08 ng/ul	393031	Phenanthrene-d10		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	55



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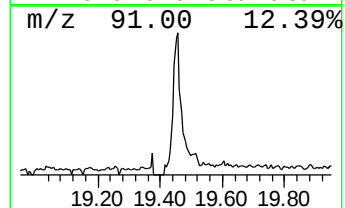
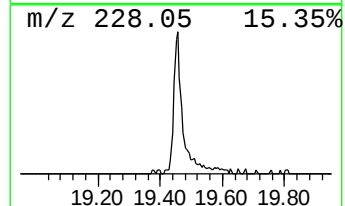
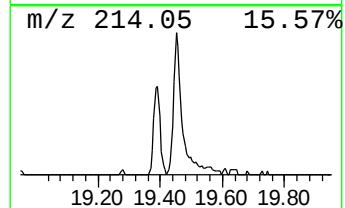
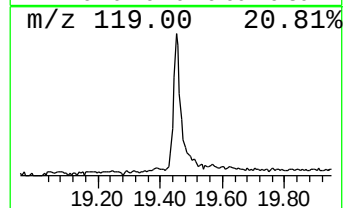
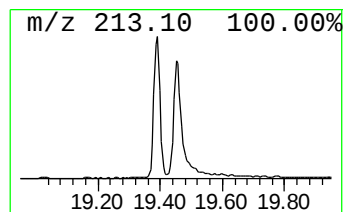
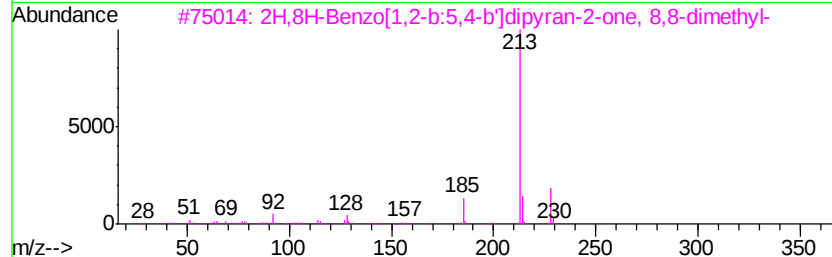
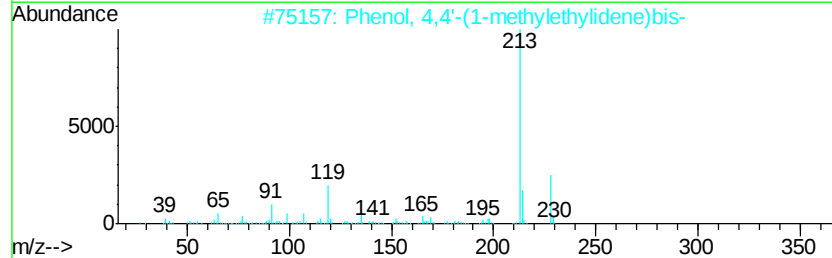
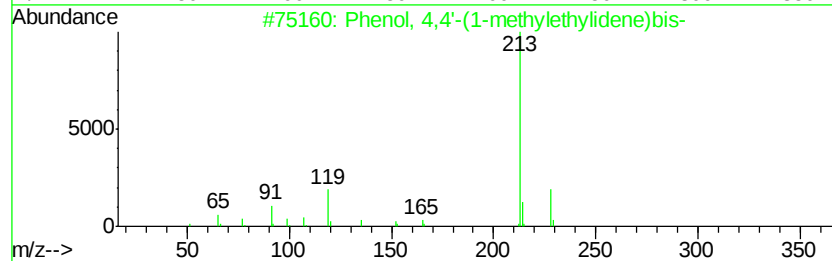
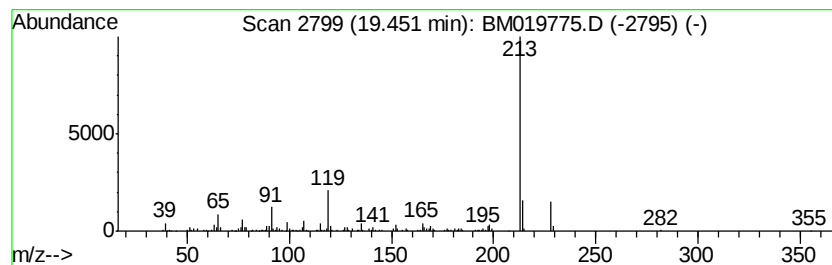
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	3.16 ng/ul	465421	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
3		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
4		2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	56
5		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	52



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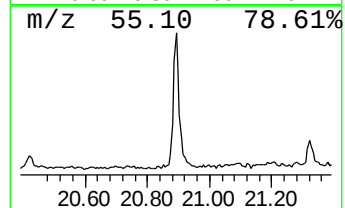
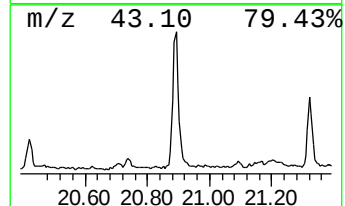
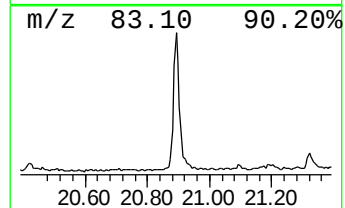
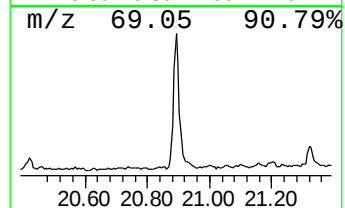
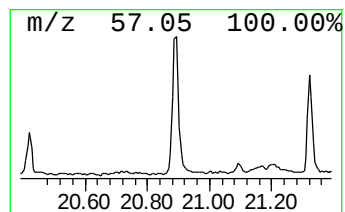
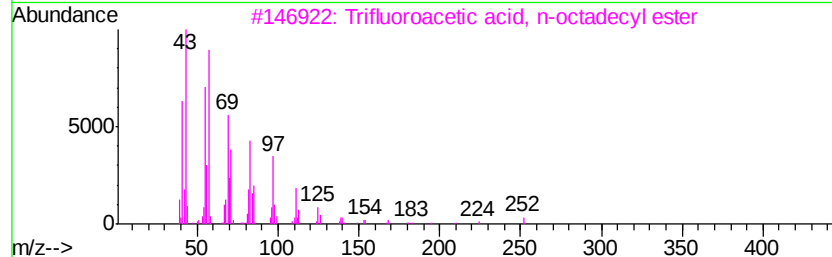
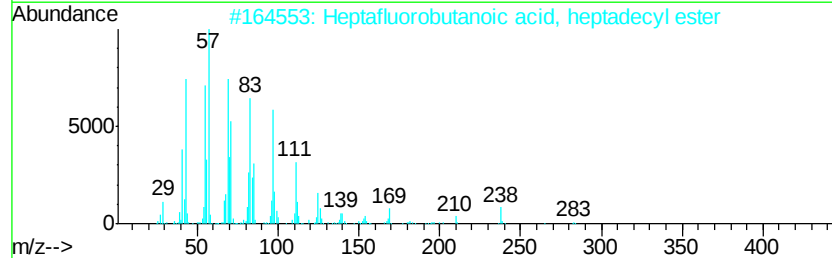
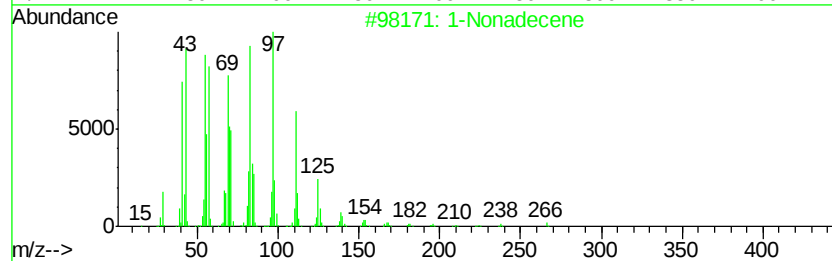
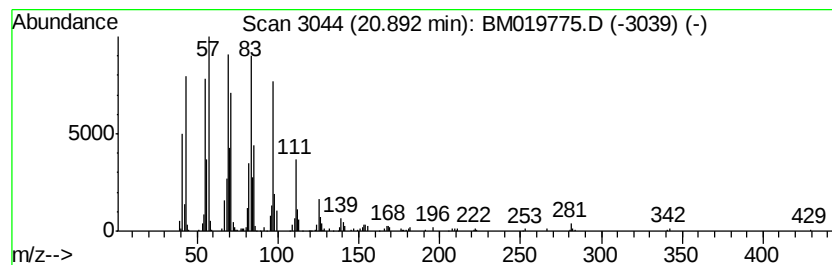
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	3.45 ng/ul	508098	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	95
2	Heptafluorobutanoic acid, heptad...		452	C21H35F7O2	1000282-97-3	94
3	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91



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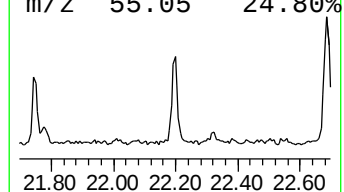
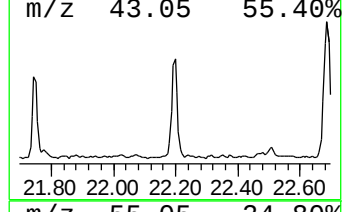
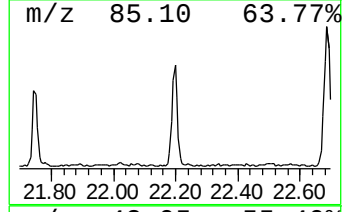
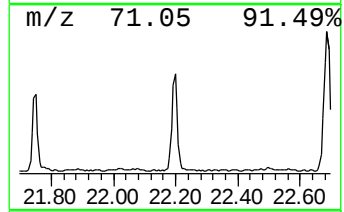
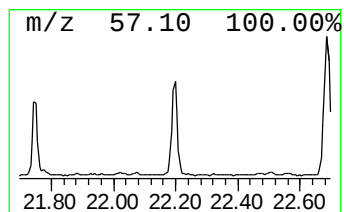
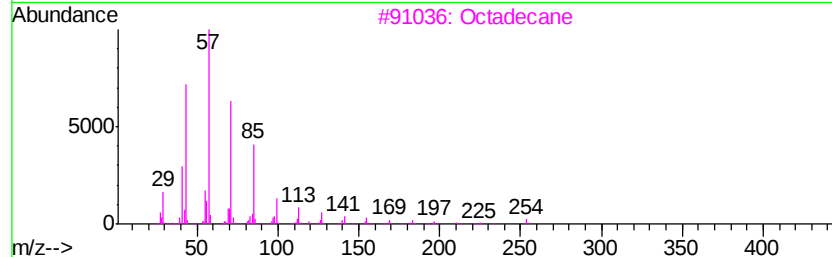
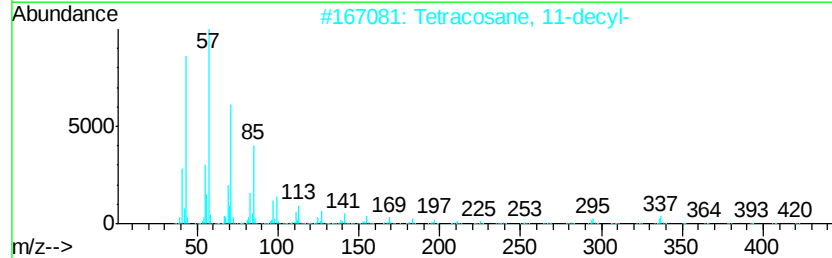
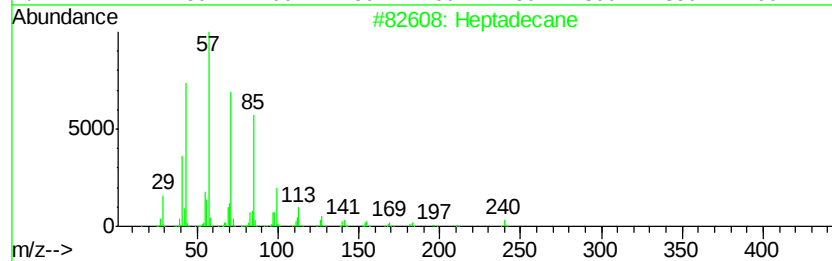
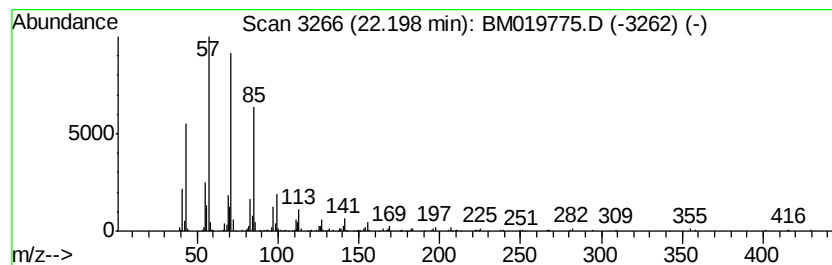
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.55 ng/ul	375800	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019775.D
Acq On : 06 Apr 2019 06:47
Operator : JU/SJ
Sample : K2217-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF608

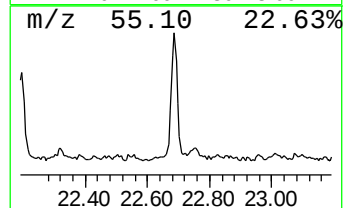
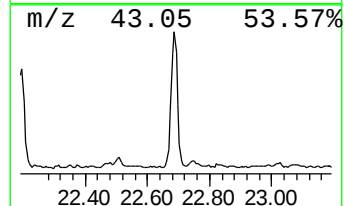
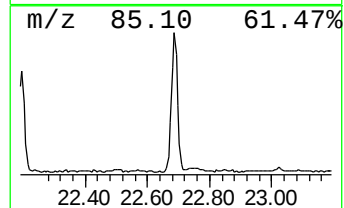
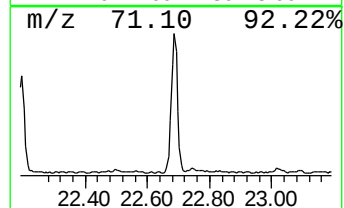
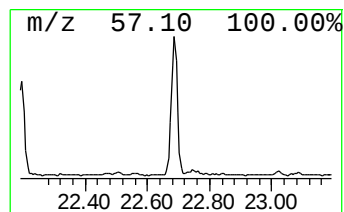
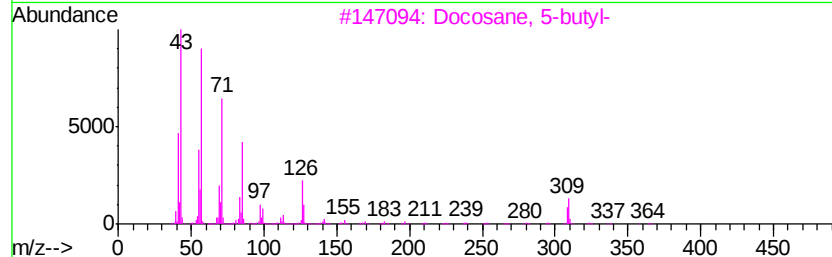
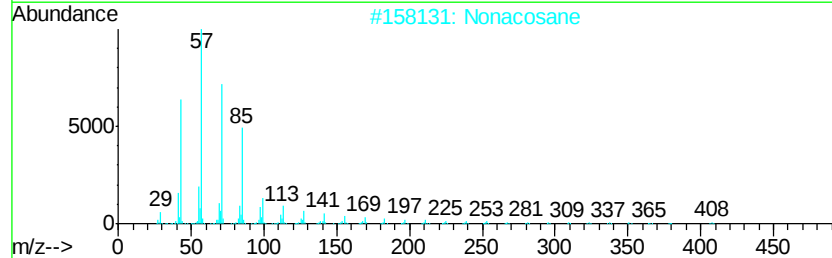
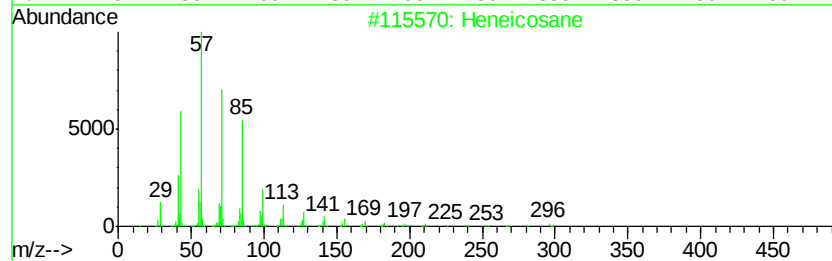
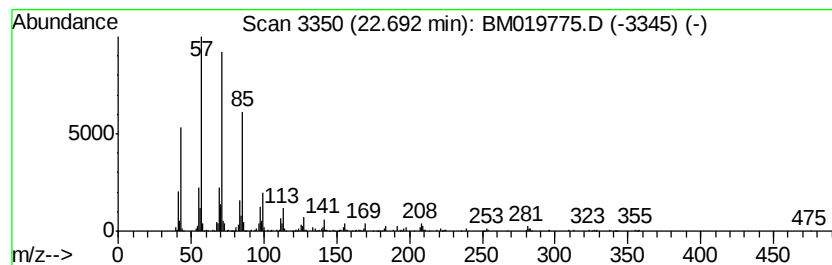
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.28 ng/ul	559851	Perylene-d12	23.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonacosane		408	C29H60	000630-03-5	91
3	Docosane, 5-butyl-		366	C26H54	055282-16-1	90
4	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	90
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019775.D
Acq On : 06 Apr 2019 06:47
Operator : JU/SJ
Sample : K2217-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF608

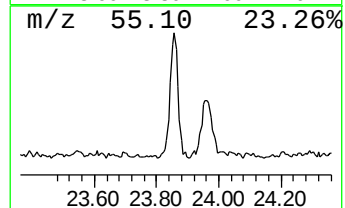
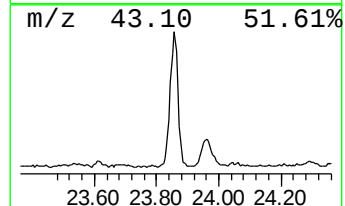
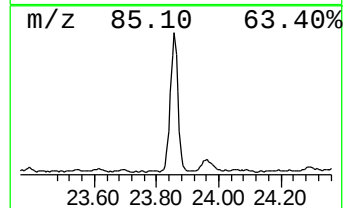
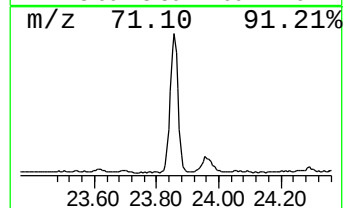
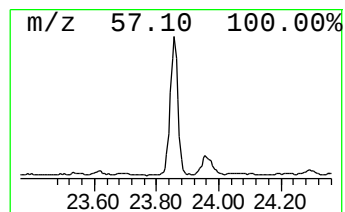
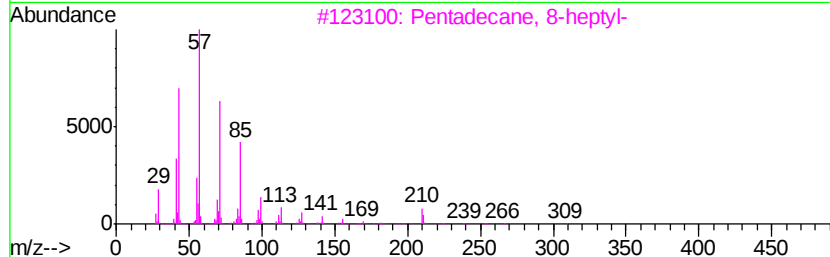
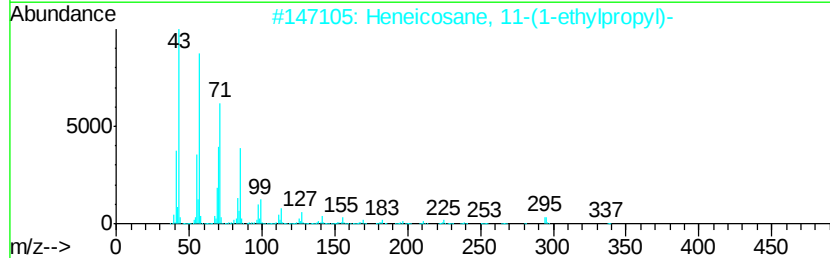
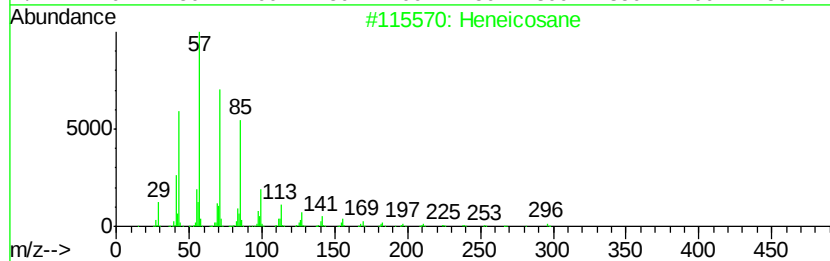
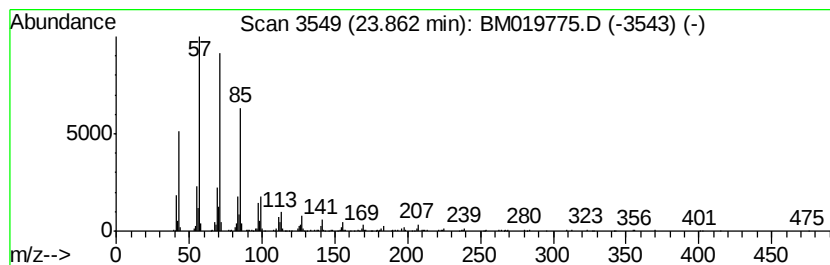
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.11 ng/ul	667657	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019775.D
Acq On : 06 Apr 2019 06:47
Operator : JU/SJ
Sample : K2217-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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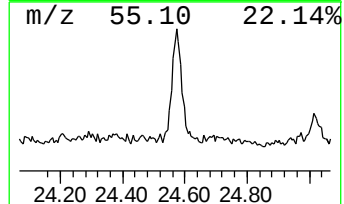
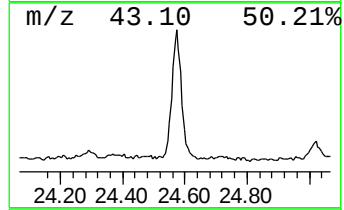
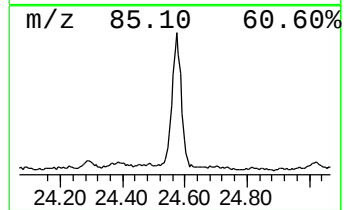
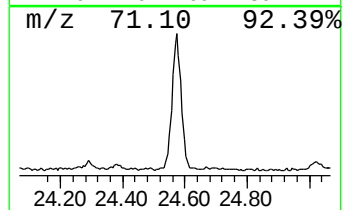
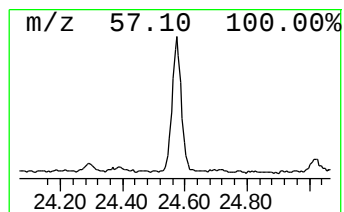
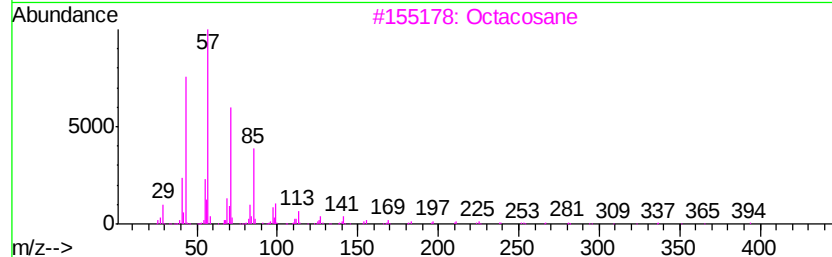
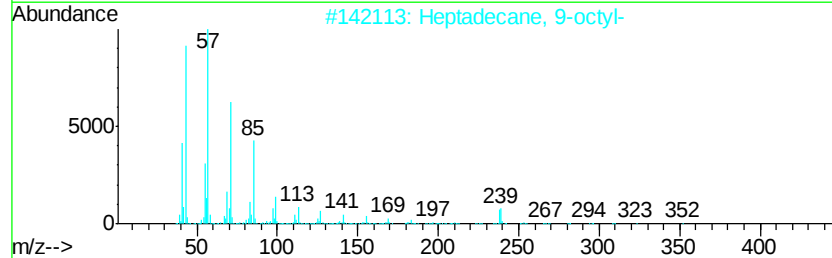
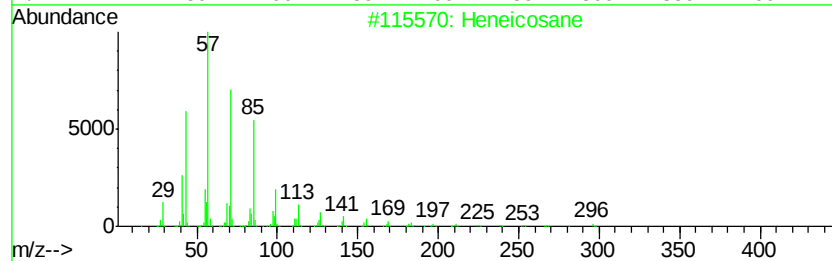
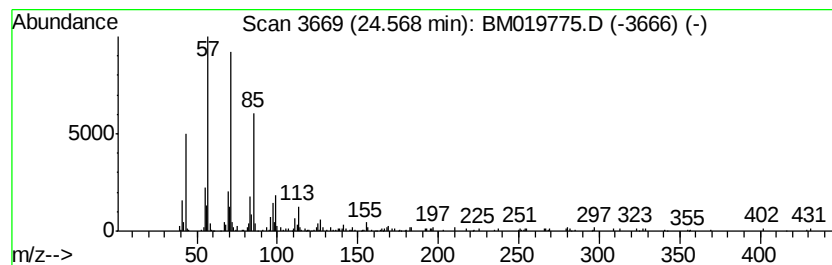
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	2.99 ng/ul	391197	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019775.D
Acq On : 06 Apr 2019 06:47
Operator : JU/SJ
Sample : K2217-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.1	ng/ul	393031	4	16.98	2551520	20.0
Phenol, 4,4'-(1-m...	19.45	3.2	ng/ul	465421	5	21.19	2943280	20.0
(DEL) Alkane: Cyc...	20.89	3.5	ng/ul	508098	5	21.19	2943280	20.0
(DEL) Alkane: Str...	22.20	2.5	ng/ul	375800	5	21.19	2943280	20.0
(DEL) Alkane: Str...	22.69	4.3	ng/ul	559851	6	23.39	2613710	20.0
(DEL) Alkane: Str...	23.86	5.1	ng/ul	667657	6	23.39	2613710	20.0
(DEL) Alkane: Str...	24.57	3.0	ng/ul	391197	6	23.39	2613710	20.0