

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005269.D
 Acq On : 25 Apr 2019 02:15
 Operator : JU/SJ
 Sample : K2456-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN4

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_N\METHODS\SOM-EPA-BN041919MA.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	3.216	34	39	48	rBV	126972	160046	1.51%	0.119%
2	3.463	78	81	93	rBV	50439	77913	0.73%	0.058%
3	3.910	153	157	162	rVB	20937	24948	0.24%	0.019%
4	3.999	168	172	181	rBV	31828	46085	0.43%	0.034%
5	4.781	301	305	311	rVB4	11753	19442	0.18%	0.014%
6	4.857	315	318	322	rBV2	8262	11442	0.11%	0.009%
7	5.728	456	466	470	rBV	21363	36257	0.34%	0.027%
8	6.598	609	614	620	rBV3	9042	19945	0.19%	0.015%
9	6.775	637	644	657	rBV	2351664	3651610	34.41%	2.720%
10	6.946	666	673	683	rVB	1752727	2760798	26.01%	2.056%
11	7.134	698	705	716	rBV	2370408	3653290	34.42%	2.721%
12	7.593	776	783	790	rBV	1724125	2752622	25.94%	2.050%
13	7.663	790	795	803	rVB	91833	141075	1.33%	0.105%
14	7.951	841	844	850	rBV3	7256	13226	0.12%	0.010%
15	8.293	895	902	914	rBV	2984430	4642981	43.75%	3.458%
16	8.740	969	978	986	rBV	2280229	3768757	35.51%	2.807%
17	8.851	995	997	1002	rVV4	9722	14211	0.13%	0.011%
18	8.916	1002	1008	1013	rVB6	11907	21414	0.20%	0.016%
19	9.187	1047	1054	1059	rBV2	48854	69225	0.65%	0.052%
20	9.451	1091	1099	1108	rBV	1927568	3161104	29.78%	2.354%
21	9.981	1181	1189	1201	rBV	3034333	5020871	47.31%	3.740%
22	10.157	1215	1219	1224	rBV7	7799	15472	0.15%	0.012%
23	10.357	1245	1253	1261	rBV	2496809	4145653	39.06%	3.088%
24	10.492	1268	1276	1296	rBV	3000865	5064840	47.72%	3.772%
25	10.728	1310	1316	1326	rBV3	25414	55182	0.52%	0.041%
26	11.328	1415	1418	1424	rVB5	8097	14424	0.14%	0.011%
27	11.681	1471	1478	1483	rBV6	9389	18321	0.17%	0.014%
28	11.798	1492	1498	1500	rBV4	7975	11760	0.11%	0.009%
29	11.957	1519	1525	1532	rVB2	45509	81911	0.77%	0.061%
30	12.839	1669	1675	1679	rVB4	12464	18486	0.17%	0.014%
31	12.957	1692	1695	1700	rBV5	12255	18302	0.17%	0.014%
32	13.075	1710	1715	1721	rVB3	11807	17681	0.17%	0.013%
33	13.139	1721	1726	1732	rBV2	37231	64689	0.61%	0.048%
34	13.198	1732	1736	1739	rVB3	7456	12647	0.12%	0.009%

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35	13.651	1806	1813	1817	rVV	5261274	7484454	70.52%	5.575%
36	13.692	1817	1820	1827	rVB	1761734	2319973	21.86%	1.728%
37	13.775	1832	1834	1841	rVB6	9405	15477	0.15%	0.012%
38	13.916	1851	1858	1872	rBV	5933098	8784874	82.77%	6.543%
39	14.157	1895	1899	1904	rBV3	15233	19721	0.19%	0.015%
40	14.227	1904	1911	1921	rVV2	3673238	5475634	51.59%	4.078%
41	14.433	1936	1946	1966	rBV	2013800	3148774	29.67%	2.345%
42	14.598	1971	1974	1980	rVB8	9346	16641	0.16%	0.012%
43	14.669	1981	1986	1990	rVV5	11938	18419	0.17%	0.014%
44	14.845	2012	2016	2020	rBV4	10569	14515	0.14%	0.011%
45	14.898	2022	2025	2030	rVB5	10390	14778	0.14%	0.011%
46	15.057	2048	2052	2057	rBV2	29706	44193	0.42%	0.033%
47	15.116	2059	2062	2066	rVB2	20107	25654	0.24%	0.019%
48	15.227	2074	2081	2090	rBV	7288280	10467442	98.62%	7.796%
49	15.351	2095	2102	2115	rBV	1471987	2151354	20.27%	1.602%
50	15.469	2117	2122	2126	rVB2	94477	124540	1.17%	0.093%
51	15.674	2154	2157	2161	rVB3	14590	17284	0.16%	0.013%
52	15.798	2174	2178	2181	rBV6	12311	18325	0.17%	0.014%
53	15.980	2205	2209	2211	rBV3	18211	21947	0.21%	0.016%
54	16.016	2211	2215	2221	rVB5	38700	70271	0.66%	0.052%
55	16.333	2264	2269	2275	rVB9	13482	27485	0.26%	0.020%
56	16.398	2275	2280	2282	rBV5	12149	19071	0.18%	0.014%
57	16.663	2322	2325	2333	rVB8	16757	27229	0.26%	0.020%
58	16.774	2339	2344	2351	rBV4	37904	60796	0.57%	0.045%
59	16.980	2373	2379	2386	rVV2	4393409	6123585	57.70%	4.561%
60	17.080	2389	2396	2407	rBV	7595128	10613474	100.00%	7.905%
61	17.198	2414	2416	2420	rVB5	9916	13618	0.13%	0.010%
62	17.251	2422	2425	2429	rVV5	12690	17086	0.16%	0.013%
63	17.404	2447	2451	2453	rBV5	10034	13350	0.13%	0.010%
64	17.516	2466	2470	2473	rBV	29588	32857	0.31%	0.024%
65	17.680	2496	2498	2504	rVB6	16351	21984	0.21%	0.016%
66	17.910	2532	2537	2554	rBV	1115406	1932270	18.21%	1.439%
67	18.210	2584	2588	2592	rVB2	55197	70926	0.67%	0.053%
68	18.468	2628	2632	2637	rBV8	12719	23600	0.22%	0.018%
69	18.680	2665	2668	2673	rBV7	12652	20937	0.20%	0.016%
70	18.857	2694	2698	2702	rBV	93492	116380	1.10%	0.087%
71	19.021	2722	2726	2730	rBV2	85904	124589	1.17%	0.093%

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72	19.204	2753	2757	2765	rBV	271314	485017	4.57%	0.361%
73	19.274	2766	2769	2777	rVV	90669	160970	1.52%	0.120%
74	19.392	2781	2789	2795	rVV	7520079	10413391	98.11%	7.756%
75	19.445	2795	2798	2801	rVB	73863	83907	0.79%	0.062%
76	19.986	2887	2890	2894	rVB	61450	58633	0.55%	0.044%
77	20.274	2937	2939	2940	rBV2	15728	12354	0.12%	0.009%
78	20.351	2950	2952	2956	rVB4	21156	27045	0.25%	0.020%
79	20.486	2972	2975	2979	rVB2	64530	76839	0.72%	0.057%
80	20.951	3049	3054	3074	rBV	1385663	2273673	21.42%	1.693%
81	21.157	3087	3089	3091	rVB2	27005	19425	0.18%	0.014%
82	21.209	3092	3098	3105	rBV	3818934	4826894	45.48%	3.595%
83	21.345	3117	3121	3126	rBV2	185972	219409	2.07%	0.163%
84	21.404	3128	3131	3137	rVB2	130295	156300	1.47%	0.116%
85	21.839	3201	3205	3216	rBV	190441	327448	3.09%	0.244%
86	22.298	3279	3283	3287	rVB	268929	332926	3.14%	0.248%
87	22.798	3363	3368	3373	rBV	310450	440251	4.15%	0.328%
88	23.274	3441	3449	3457	rBV	4744850	8494410	80.03%	6.327%
89	23.351	3458	3462	3466	rVV	332355	558985	5.27%	0.416%
90	23.409	3466	3472	3483	rVB	2586219	4692017	44.21%	3.495%
91	23.986	3565	3570	3577	rBV	288196	505996	4.77%	0.377%
92	24.062	3579	3583	3592	rVV4	105301	241631	2.28%	0.180%
93	24.715	3689	3694	3700	rVB3	215912	403991	3.81%	0.301%
94	25.568	3834	3839	3847	rVB3	146395	330012	3.11%	0.246%

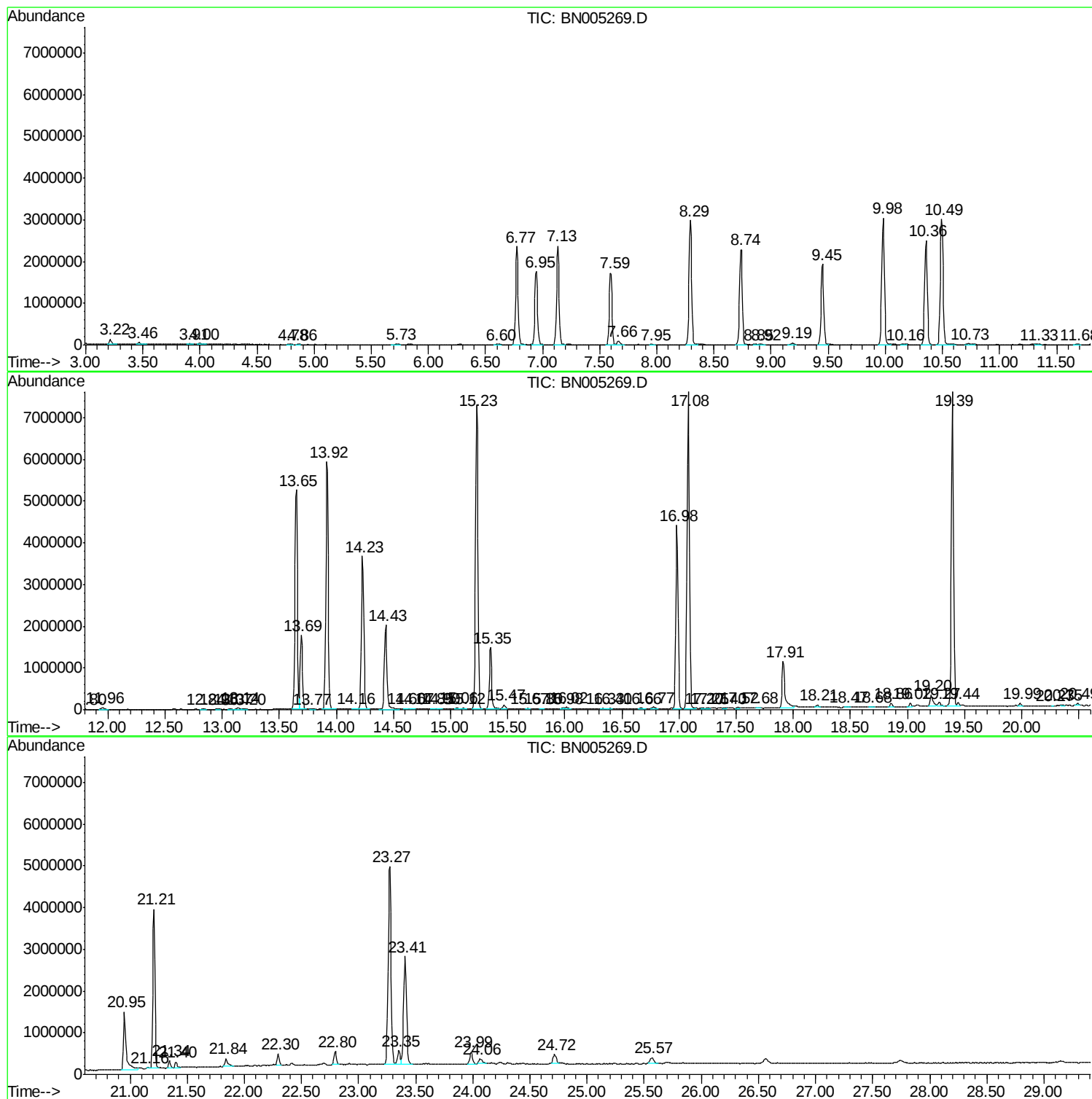
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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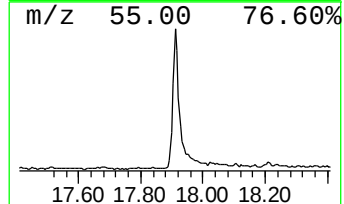
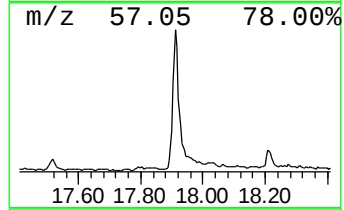
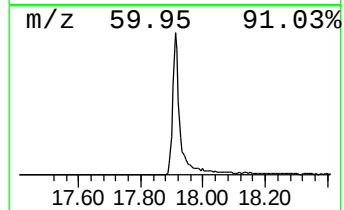
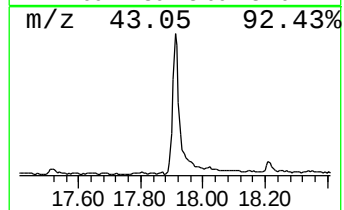
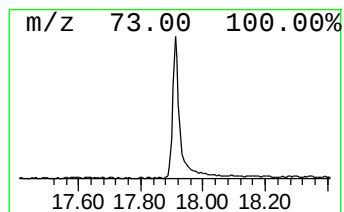
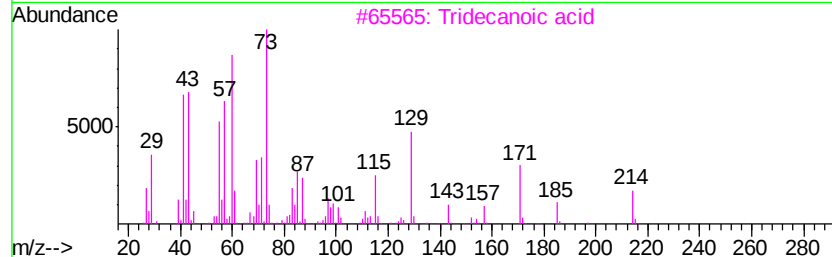
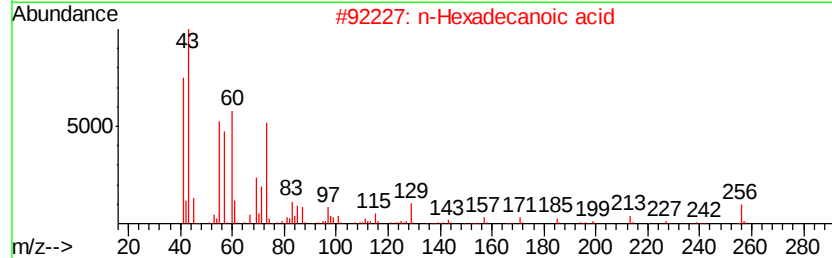
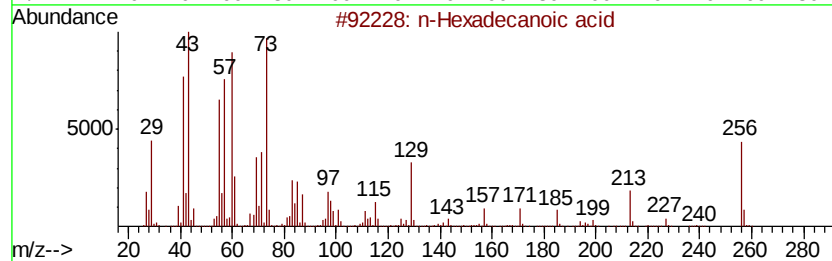
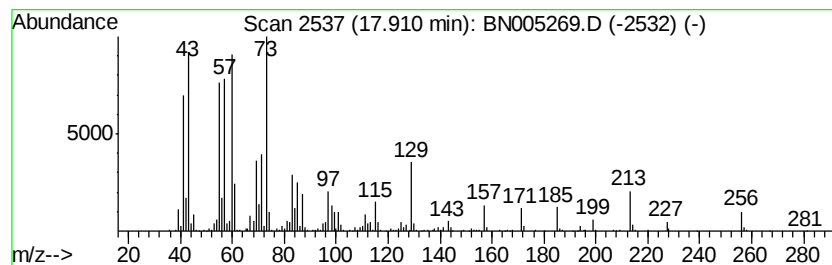
Instrument :
BNA_N
ClientSampleId :
GAHN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.91	6.31 ng/ul	1932270	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	94
4	Tridecanoic acid		214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	87



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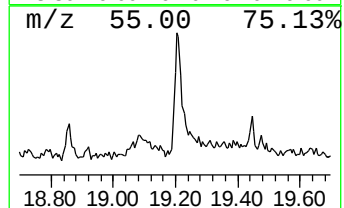
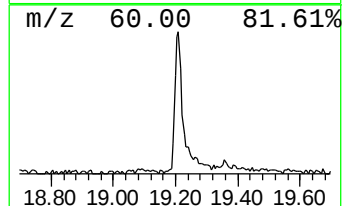
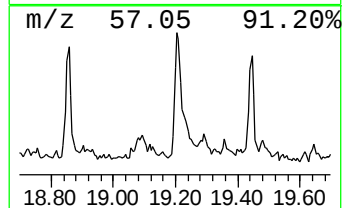
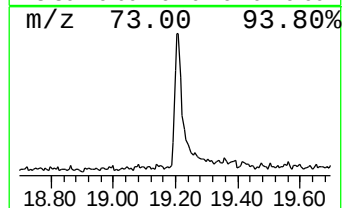
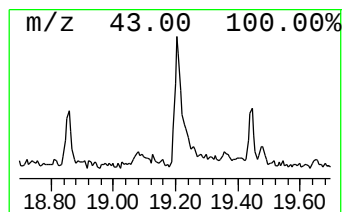
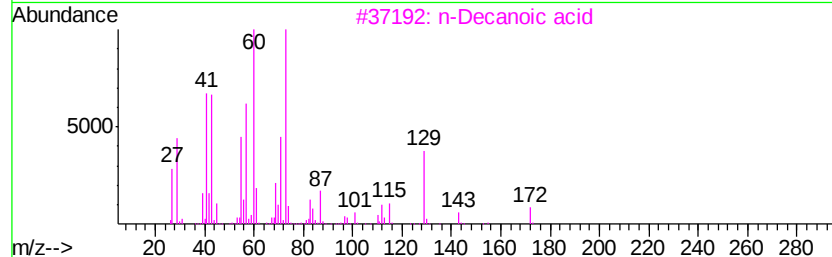
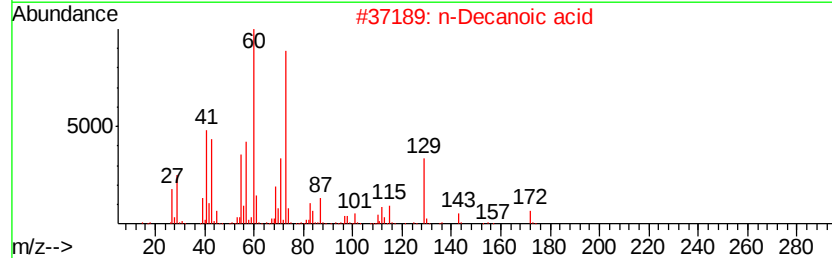
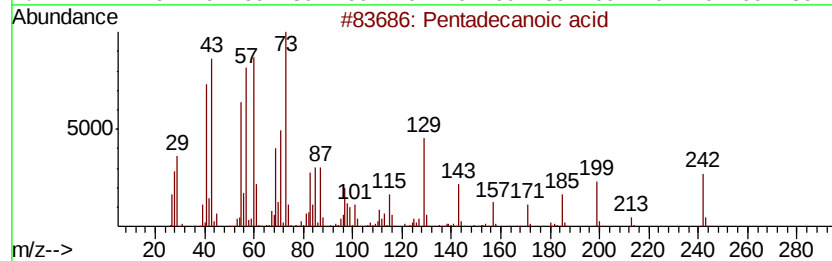
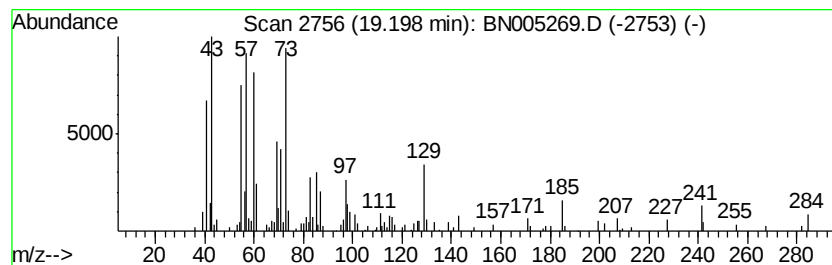
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.01 ng/ul	485017	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 86
2		n-Decanoic acid	172 C10H20O2	000334-48-5 58
3		n-Decanoic acid	172 C10H20O2	000334-48-5 58
4		n-Decanoic acid	172 C10H20O2	000334-48-5 38
5		Octane, 3,5-dimethyl-	142 C10H22	015869-93-9 15



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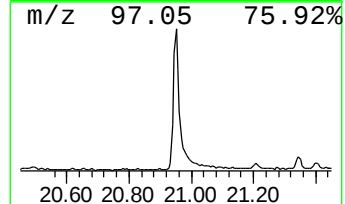
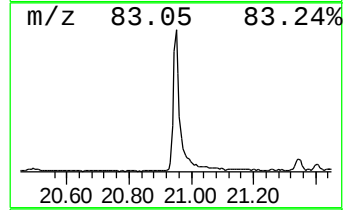
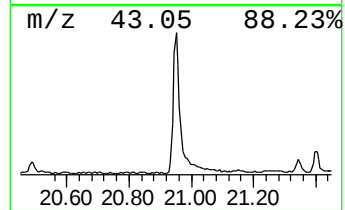
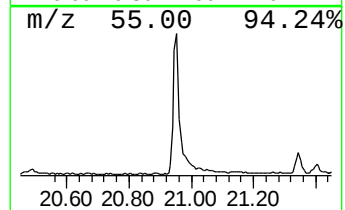
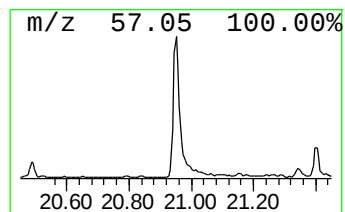
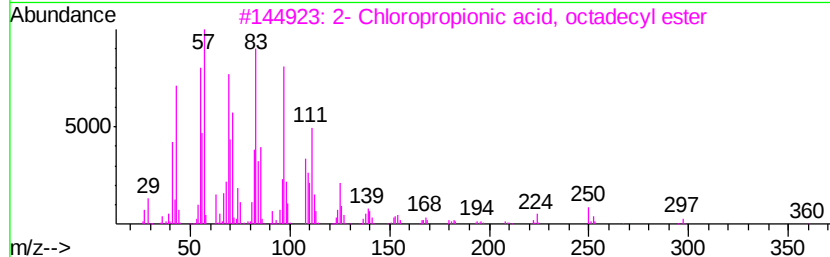
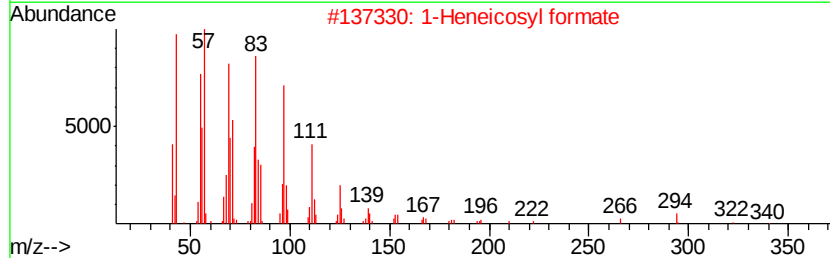
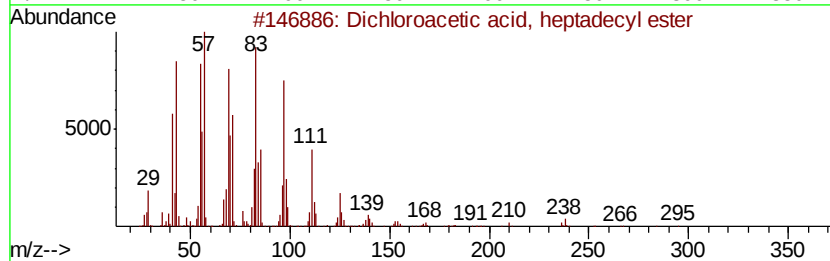
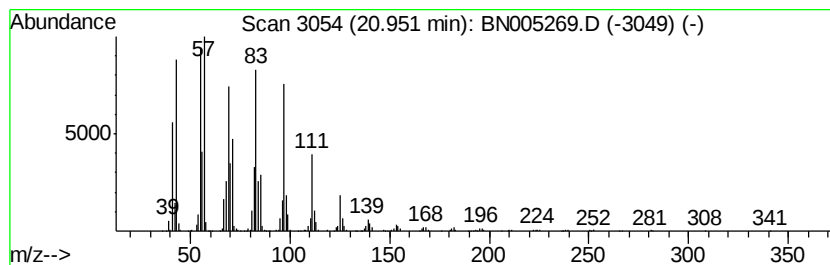
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	9.42 ng/ul	2273670	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94	
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94	
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94	
4	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91	
5	1-Octadecanol	270	C18H38O	000112-92-5	90	



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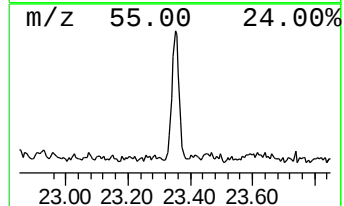
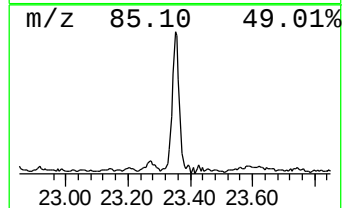
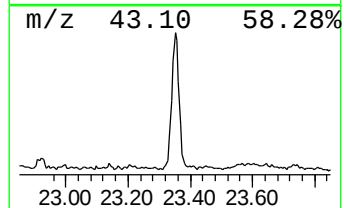
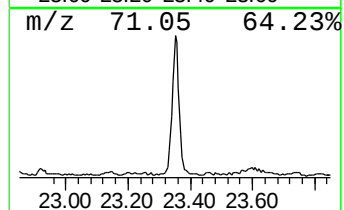
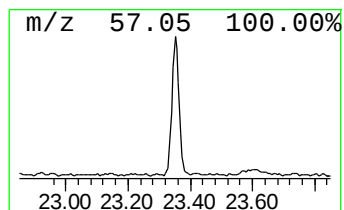
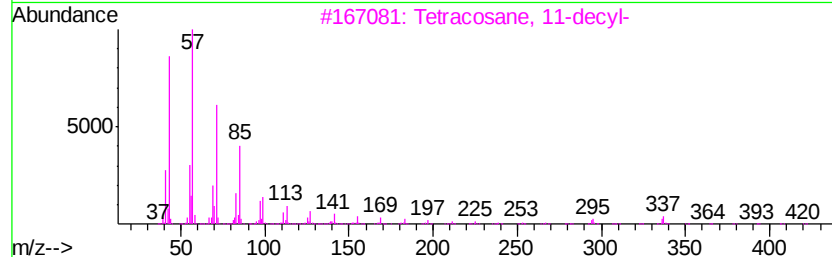
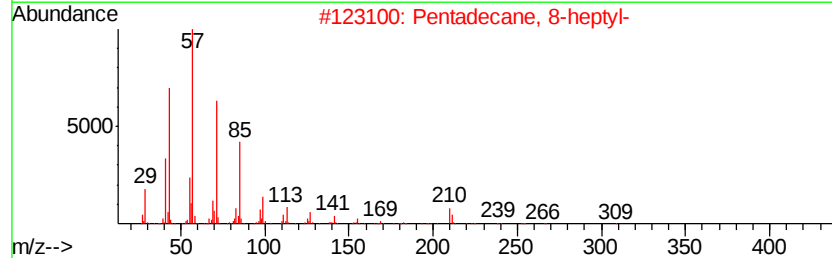
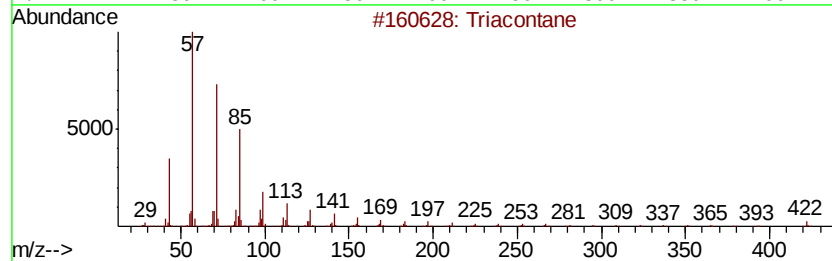
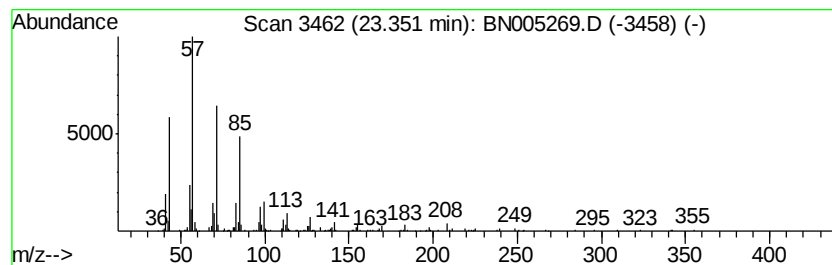
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	2.38 ng/ul	558985	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005269.D
Acq On : 25 Apr 2019 02:15
Operator : JU/SJ
Sample : K2456-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN4

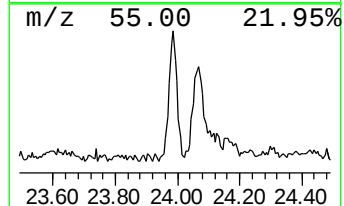
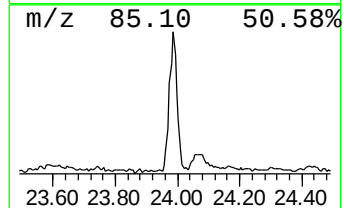
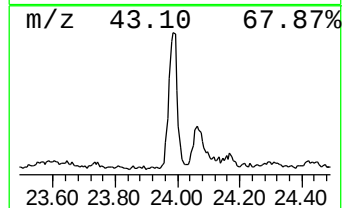
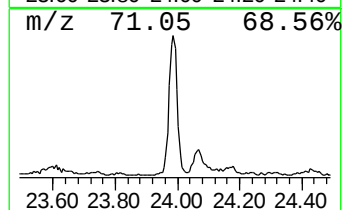
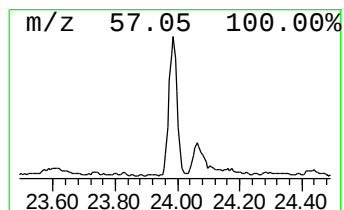
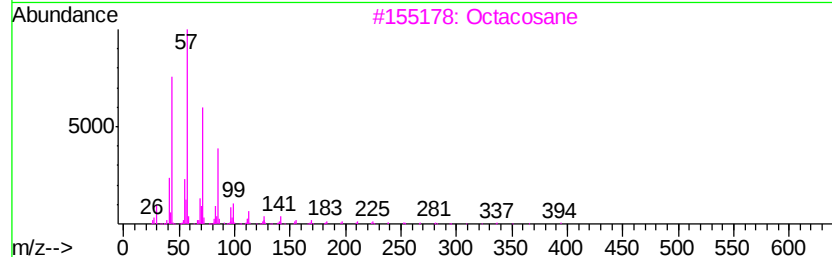
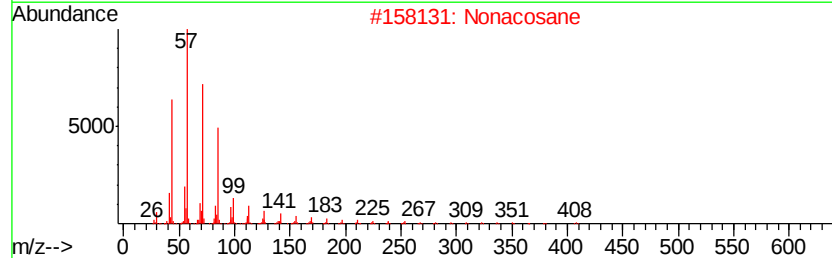
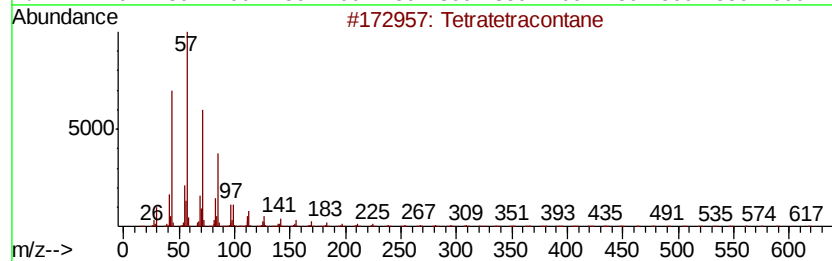
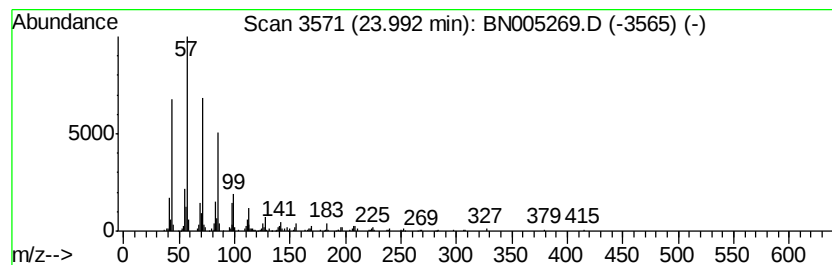
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.16 ng/ul	505996	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005269.D
Acq On : 25 Apr 2019 02:15
Operator : JU/SJ
Sample : K2456-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	17.91	6.3	ng/ul	1932270	4	16.98	6123590	20.0
Pentadecanoic acid	19.20	2.0	ng/ul	485017	5	21.21	4826890	20.0
Dichloroacetic ac...	20.95	9.4	ng/ul	2273670	5	21.21	4826890	20.0
(DEL) Alkane: Str...	23.35	2.4	ng/ul	558985	6	23.41	4692020	20.0
(DEL) Alkane: Str...	23.99	2.2	ng/ul	505996	6	23.41	4692020	20.0