

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005281.D
 Acq On : 25 Apr 2019 09:44
 Operator : JU/SJ
 Sample : K2456-22
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP0

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	47	rBV	96193	139597	1.26%	0.110%
2	3.464	78	81	89	rBV	41464	64276	0.58%	0.051%
3	3.911	154	157	163	rVB2	18417	26716	0.24%	0.021%
4	3.993	168	171	179	rVB	35576	49435	0.45%	0.039%
5	4.399	236	240	245	rBV3	9773	14922	0.13%	0.012%
6	5.728	461	466	470	rBV4	14209	24310	0.22%	0.019%
7	6.775	637	644	655	rBV	1974879	3093367	27.92%	2.432%
8	6.940	665	672	681	rVB	1430123	2249717	20.31%	1.769%
9	7.134	696	705	716	rBV	1911250	3035173	27.39%	2.387%
10	7.593	776	783	790	rBV	1677039	2636806	23.80%	2.073%
11	7.663	790	795	802	rVB	118114	177788	1.60%	0.140%
12	8.293	895	902	913	rBV	2547073	3960037	35.74%	3.114%
13	8.734	969	977	987	rVB	1966557	3161624	28.54%	2.486%
14	8.851	994	997	1003	rVB4	9695	15356	0.14%	0.012%
15	8.910	1003	1007	1011	rVB7	12015	17711	0.16%	0.014%
16	9.187	1047	1054	1060	rVB2	46751	65667	0.59%	0.052%
17	9.446	1091	1098	1108	rBV	1602493	2702229	24.39%	2.125%
18	9.981	1181	1189	1201	rBV	2522610	4277774	38.61%	3.364%
19	10.357	1245	1253	1266	rBV	2433445	4111482	37.11%	3.233%
20	10.493	1268	1276	1292	rBV	2539065	4338684	39.16%	3.412%
21	10.722	1307	1315	1327	rBV2	72831	159109	1.44%	0.125%
22	11.322	1410	1417	1424	rVB6	7821	21198	0.19%	0.017%
23	11.675	1473	1477	1481	rBV6	7832	12489	0.11%	0.010%
24	11.951	1519	1524	1533	rVB3	36120	72159	0.65%	0.057%
25	12.581	1628	1631	1637	rVB2	8823	11284	0.10%	0.009%
26	12.840	1670	1675	1679	rBV6	8851	15743	0.14%	0.012%
27	12.957	1690	1695	1699	rVB5	11975	16047	0.14%	0.013%
28	13.134	1721	1725	1730	rVV2	18535	30206	0.27%	0.024%
29	13.192	1730	1735	1743	rVB4	7985	15563	0.14%	0.012%
30	13.457	1775	1780	1783	rBV5	9860	14463	0.13%	0.011%
31	13.645	1806	1812	1816	rVV	4721486	6438652	58.11%	5.063%
32	13.692	1816	1820	1832	rVV	1417486	1929162	17.41%	1.517%
33	13.781	1832	1835	1841	rVB5	8205	11189	0.10%	0.009%
34	13.916	1850	1858	1867	rBV	5256086	7751888	69.97%	6.096%

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35	14.157	1894	1899	1903	rVB4	12466	19759	0.18%	0.016%
36	14.228	1903	1911	1926	rBV2	3689121	5628334	50.80%	4.426%
37	14.434	1939	1946	1962	rBV	1842171	2998765	27.07%	2.358%
38	14.551	1964	1966	1970	rVV3	10510	12790	0.12%	0.010%
39	14.598	1970	1974	1980	rVB6	11123	23266	0.21%	0.018%
40	14.663	1980	1985	1991	rBV6	16031	38296	0.35%	0.030%
41	14.781	2001	2005	2012	rBV5	7159	11833	0.11%	0.009%
42	14.845	2012	2016	2019	rVV5	12933	16413	0.15%	0.013%
43	15.057	2047	2052	2056	rBV3	25021	37793	0.34%	0.030%
44	15.116	2056	2062	2066	rVB4	19225	28717	0.26%	0.023%
45	15.228	2074	2081	2093	rBV	6526569	9421091	85.03%	7.408%
46	15.351	2096	2102	2109	rBV	1498049	2152583	19.43%	1.693%
47	15.469	2117	2122	2128	rBV	88273	125477	1.13%	0.099%
48	15.610	2143	2146	2149	rBV5	11943	12954	0.12%	0.010%
49	15.675	2154	2157	2164	rVB5	9843	15123	0.14%	0.012%
50	15.975	2206	2208	2211	rBV2	15365	17562	0.16%	0.014%
51	16.016	2211	2215	2221	rVB6	35320	63761	0.58%	0.050%
52	16.669	2320	2326	2334	rVB5	20501	41938	0.38%	0.033%
53	16.775	2339	2344	2350	rVV3	38004	64610	0.58%	0.051%
54	16.898	2362	2365	2368	rBV4	10037	13080	0.12%	0.010%
55	16.980	2373	2379	2386	rVV2	4888870	6773470	61.14%	5.326%
56	17.080	2389	2396	2409	rVB	7204083	10127045	91.40%	7.963%
57	17.245	2420	2424	2430	rBV6	16367	28769	0.26%	0.023%
58	17.369	2440	2445	2447	rBV5	10462	17532	0.16%	0.014%
59	17.392	2447	2449	2453	rVV5	12390	13865	0.13%	0.011%
60	17.516	2467	2470	2476	rBV6	24288	33487	0.30%	0.026%
61	17.669	2492	2496	2506	rVB9	19947	41510	0.37%	0.033%
62	17.798	2513	2518	2523	rBV8	8763	13043	0.12%	0.010%
63	17.910	2532	2537	2555	rBV2	918927	1637505	14.78%	1.288%
64	18.210	2584	2588	2595	rVB4	45441	68581	0.62%	0.054%
65	18.857	2694	2698	2701	rBV3	33532	43095	0.39%	0.034%
66	19.022	2722	2726	2729	rBV	88795	120079	1.08%	0.094%
67	19.057	2729	2732	2733	rBV3	23161	20990	0.19%	0.017%
68	19.204	2753	2757	2765	rBV	392192	642460	5.80%	0.505%
69	19.274	2766	2769	2775	rVB	94033	144046	1.30%	0.113%
70	19.392	2780	2789	2795	rVV2	8001231	11079341	100.00%	8.712%
71	19.445	2795	2798	2800	rVB2	47543	52217	0.47%	0.041%

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72	19.986	2886	2890	2893	rBV	88998	98814	0.89%	0.078%
73	20.357	2950	2953	2958	rVB2	56555	67283	0.61%	0.053%
74	20.486	2972	2975	2980	rVB	121451	119782	1.08%	0.094%
75	20.951	3050	3054	3061	rBV2	453684	722464	6.52%	0.568%
76	21.210	3092	3098	3107	rBV	4744998	6063297	54.73%	4.768%
77	21.345	3118	3121	3127	rVB6	68673	81667	0.74%	0.064%
78	21.398	3127	3130	3137	rBV	181031	259506	2.34%	0.204%
79	21.833	3200	3204	3212	rBV	264598	423907	3.83%	0.333%
80	22.292	3278	3282	3290	rVB	382446	490806	4.43%	0.386%
81	22.415	3300	3303	3307	rVB	126839	143668	1.30%	0.113%
82	22.792	3362	3367	3375	rBV	456336	624681	5.64%	0.491%
83	23.268	3441	3448	3455	rBV2	4698995	8212458	74.12%	6.458%
84	23.351	3457	3462	3465	rVV	452779	714091	6.45%	0.562%
85	23.404	3465	3471	3481	rVB	2861773	5309135	47.92%	4.175%
86	23.980	3564	3569	3578	rVB	362144	670150	6.05%	0.527%
87	24.709	3688	3693	3700	rVB2	264445	565983	5.11%	0.445%
88	25.556	3833	3837	3845	rVB2	155803	341413	3.08%	0.268%

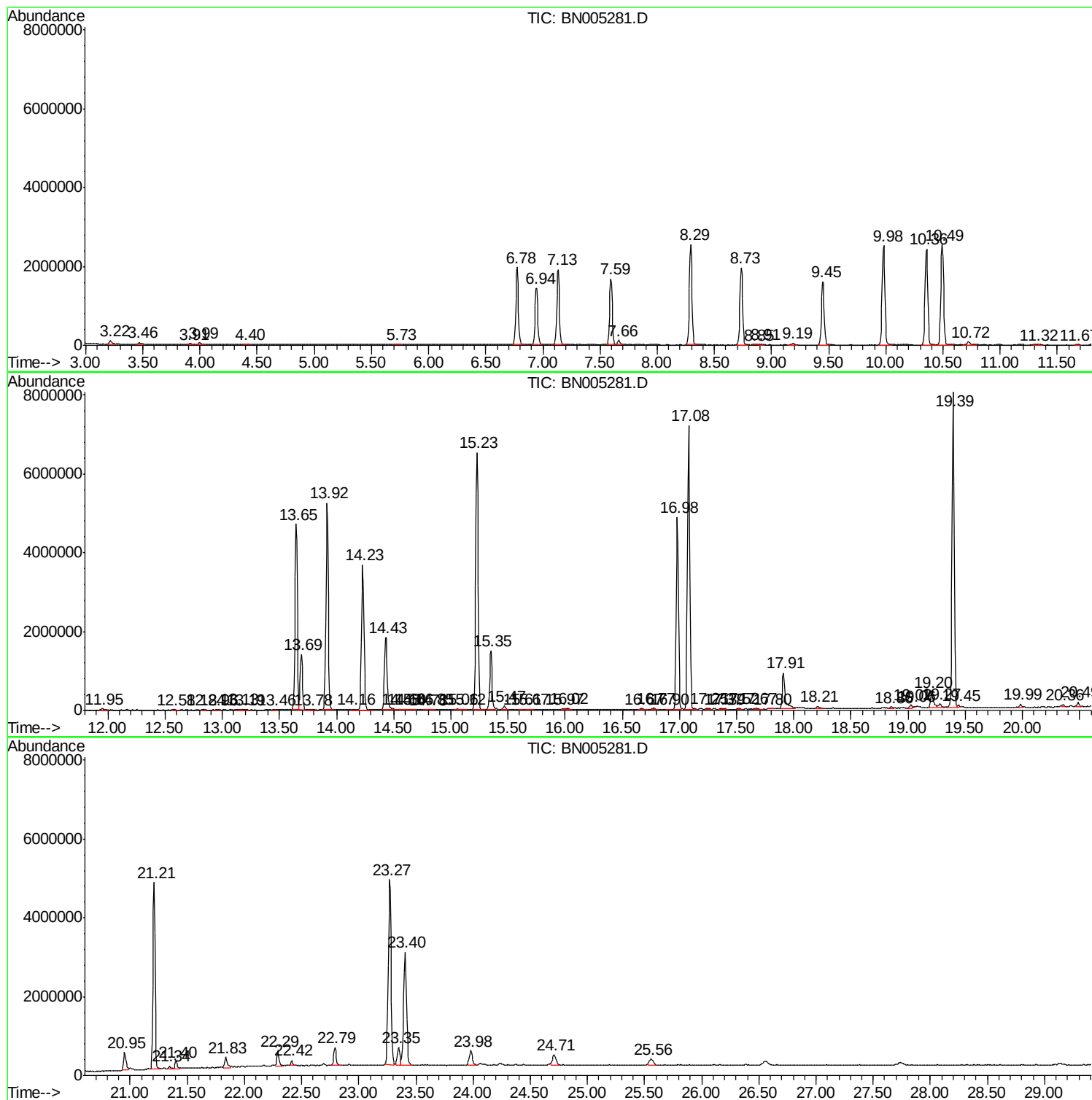
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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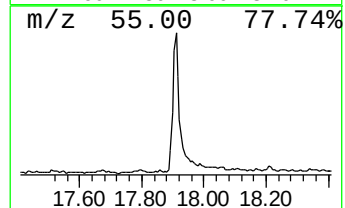
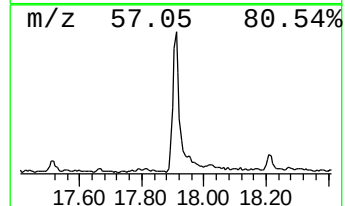
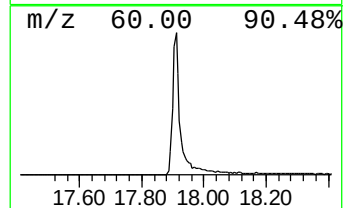
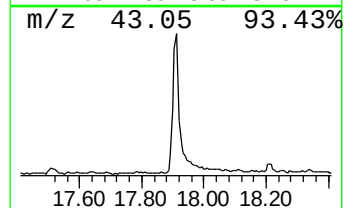
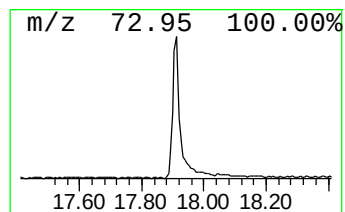
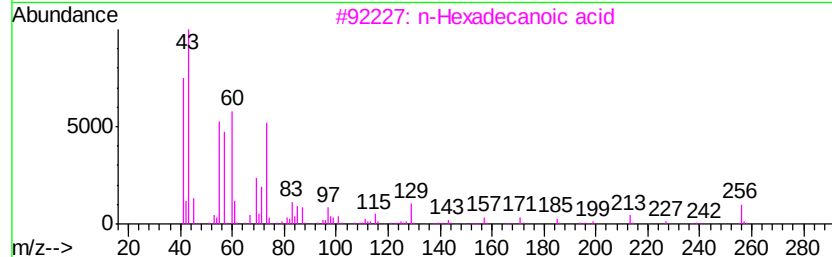
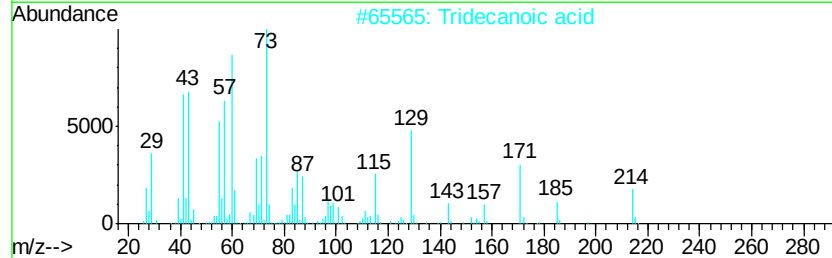
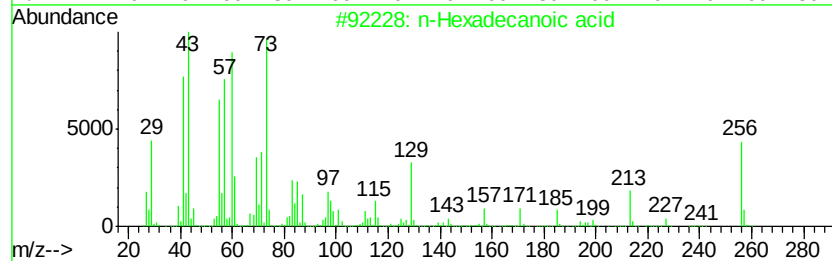
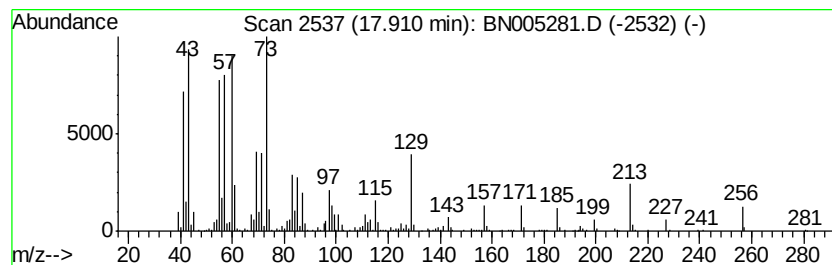
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.91	4.84 ng/ul	1637510	Phenanthrene-d10		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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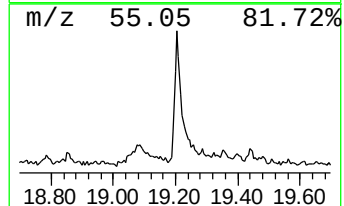
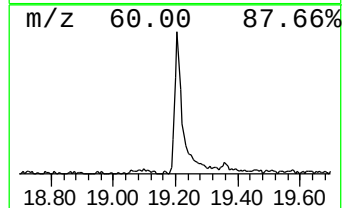
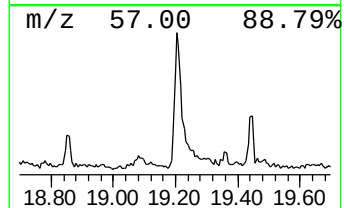
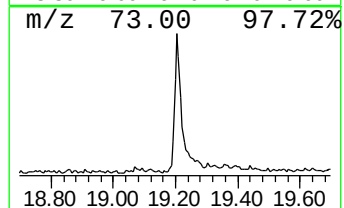
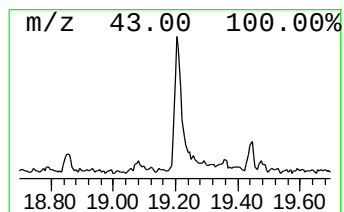
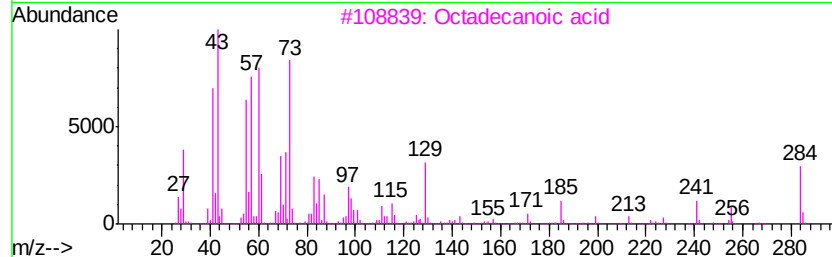
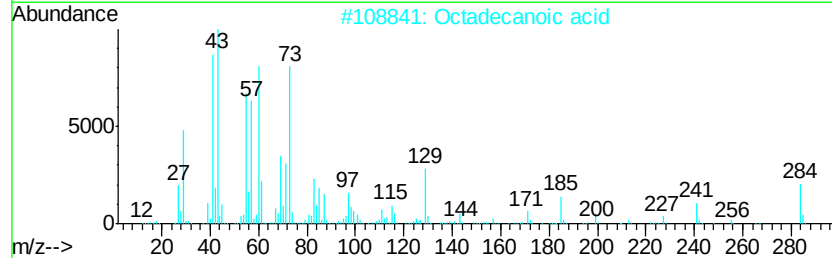
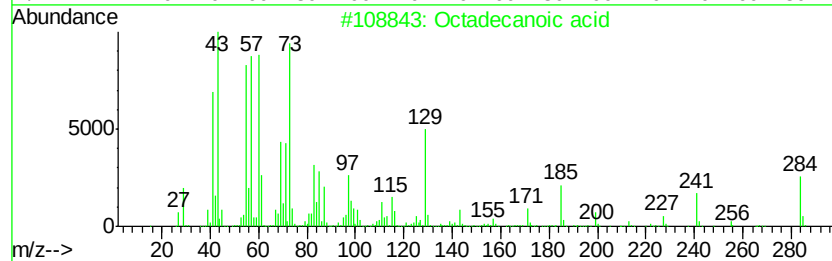
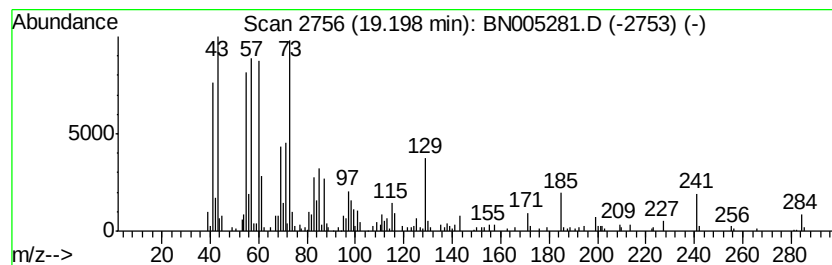
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.12 ng/ul	642460	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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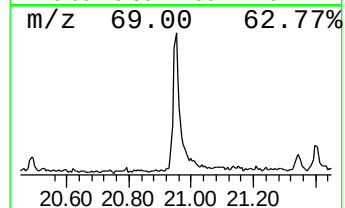
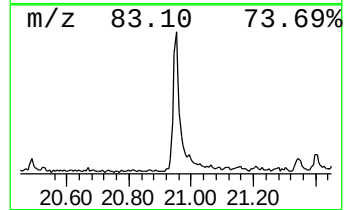
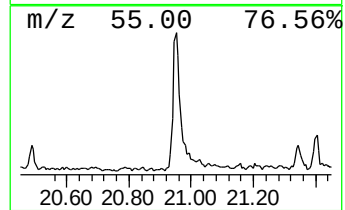
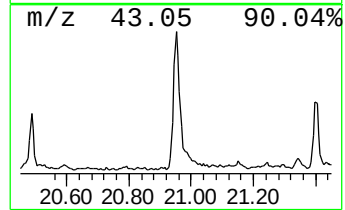
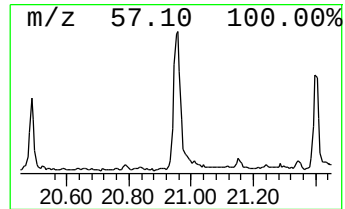
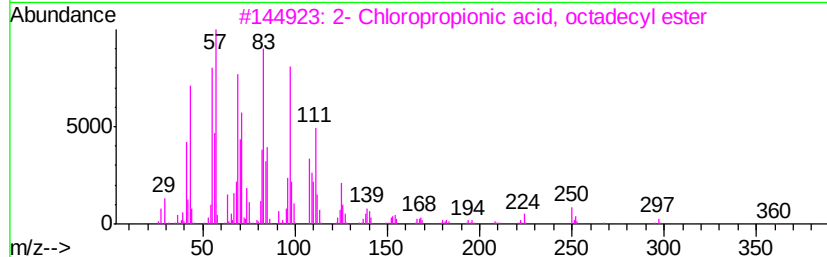
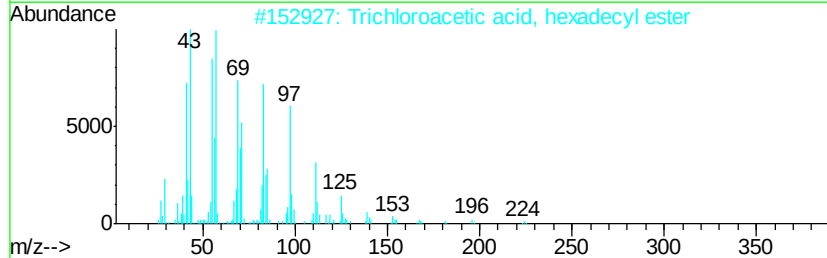
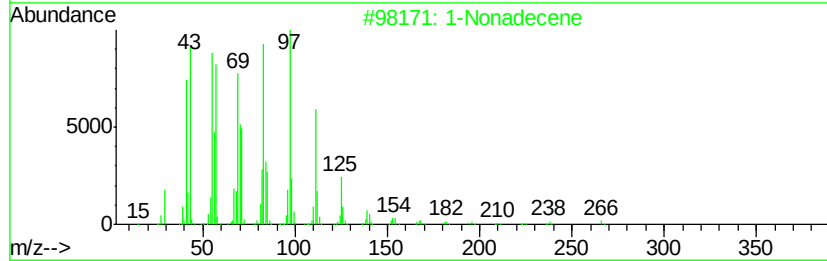
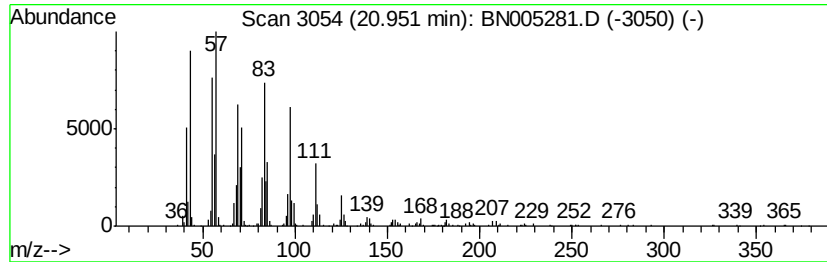
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.95 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.38 ng/ul	722464	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5		1-Docosene	308	C22H44	001599-67-3	91



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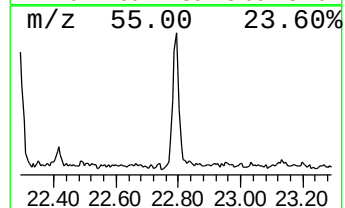
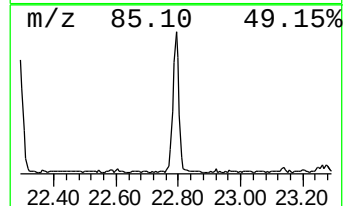
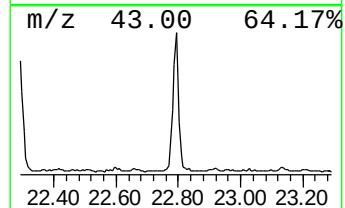
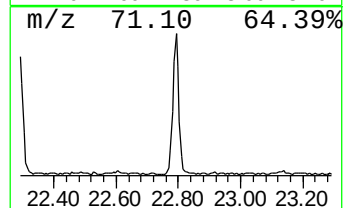
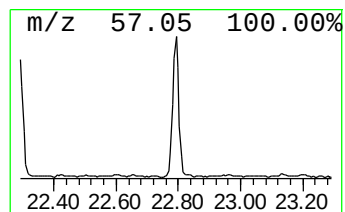
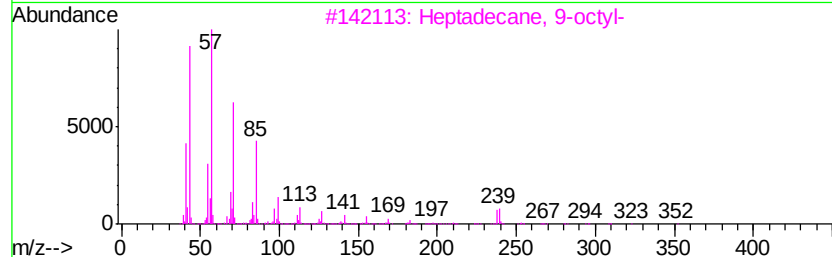
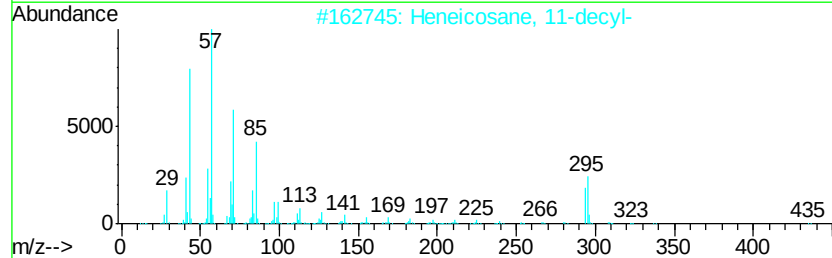
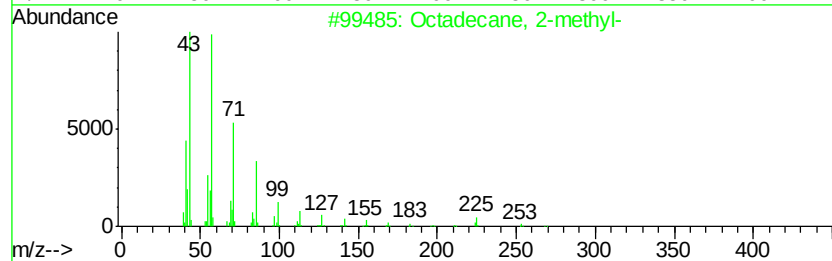
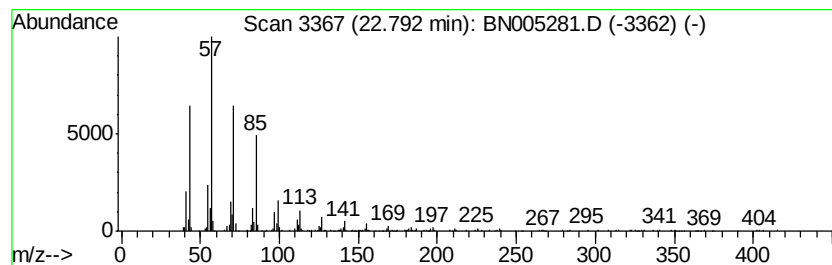
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.35 ng/ul	624681	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005281.D
Acq On : 25 Apr 2019 09:44
Operator : JU/SJ
Sample : K2456-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP0

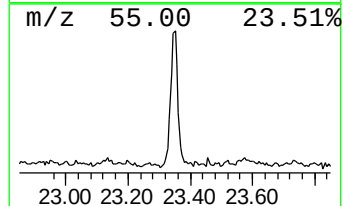
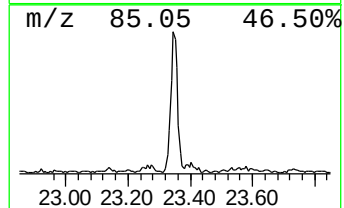
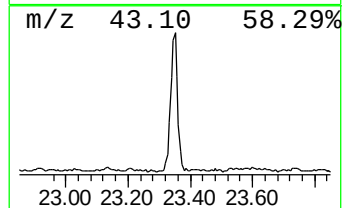
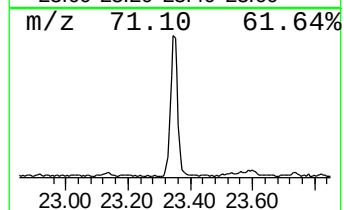
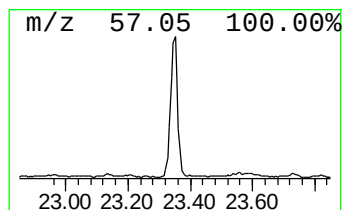
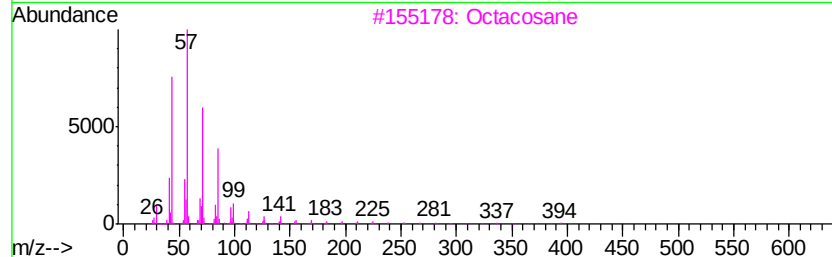
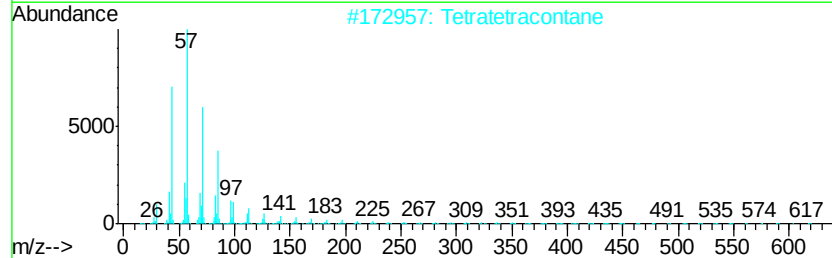
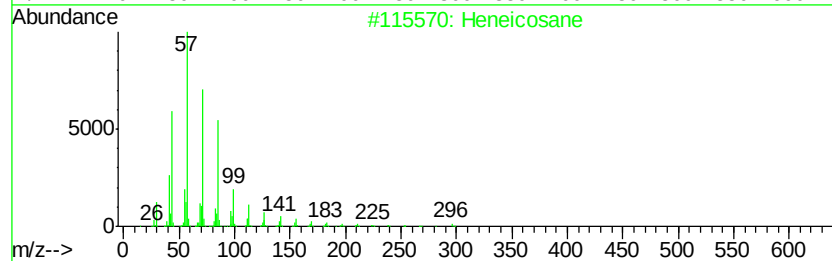
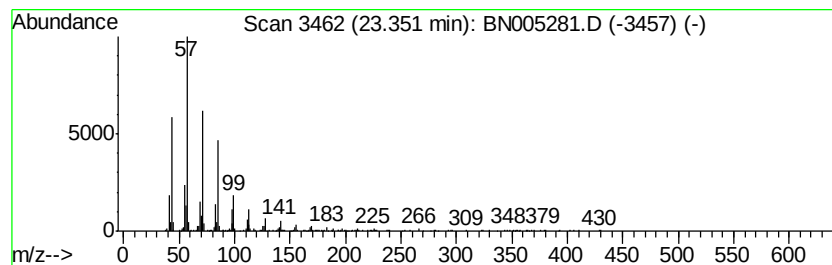
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Quant Title : SVOA CALIBRATION

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.
23.35	2.69 ng/ul	714091	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005281.D
Acq On : 25 Apr 2019 09:44
Operator : JU/SJ
Sample : K2456-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP0

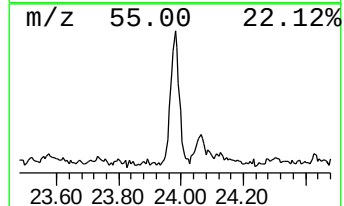
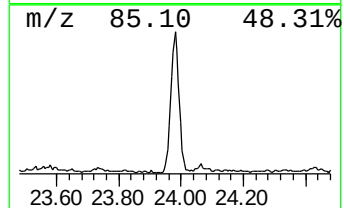
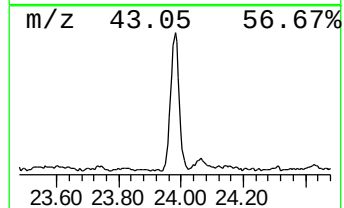
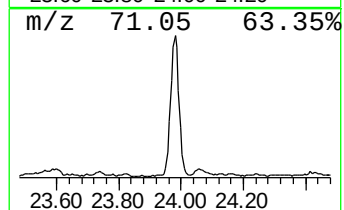
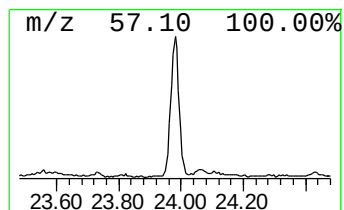
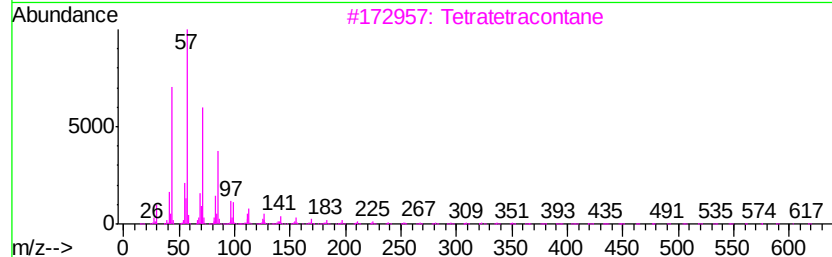
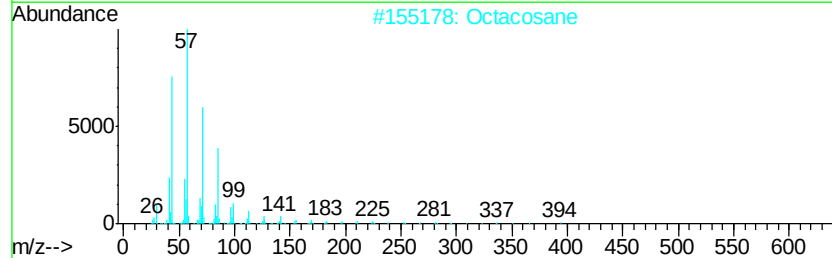
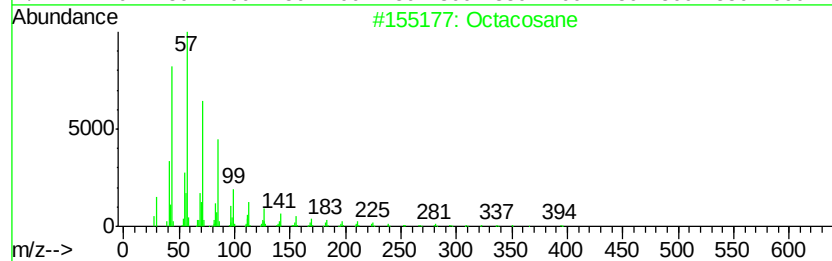
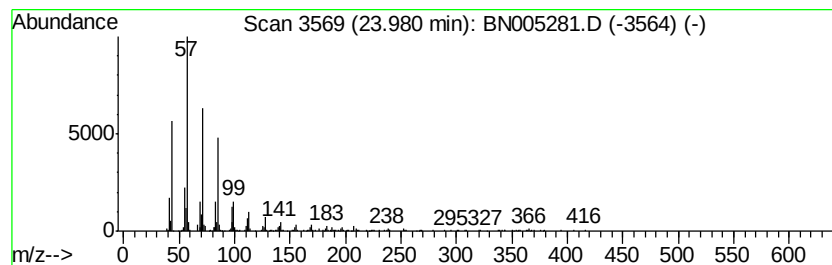
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.52 ng/ul	670150	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	96
2		Octacosane	394	C28H58	000630-02-4	94
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Triacontane	422	C30H62	000638-68-6	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005281.D
Acq On : 25 Apr 2019 09:44
Operator : JU/SJ
Sample : K2456-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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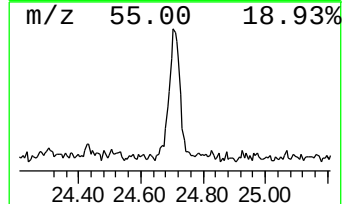
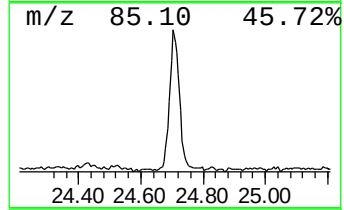
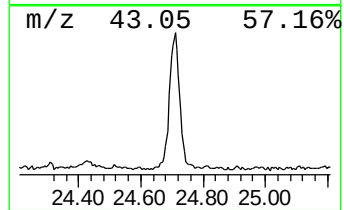
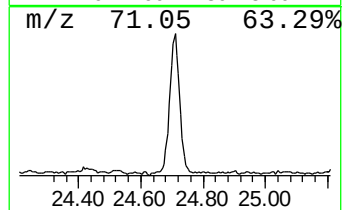
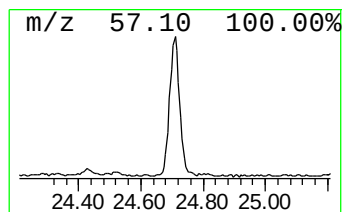
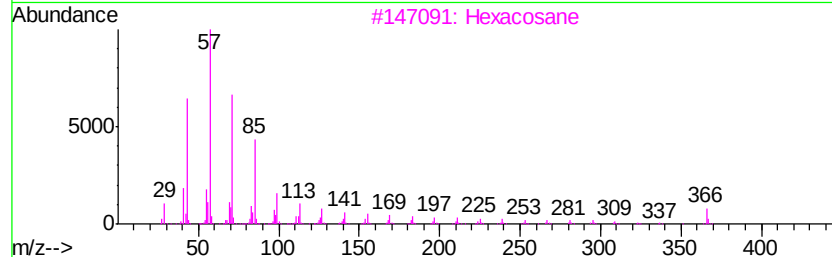
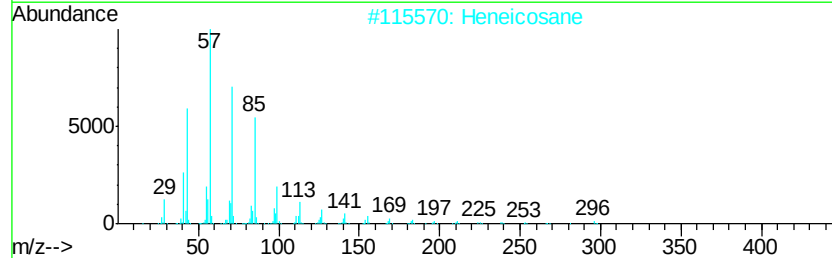
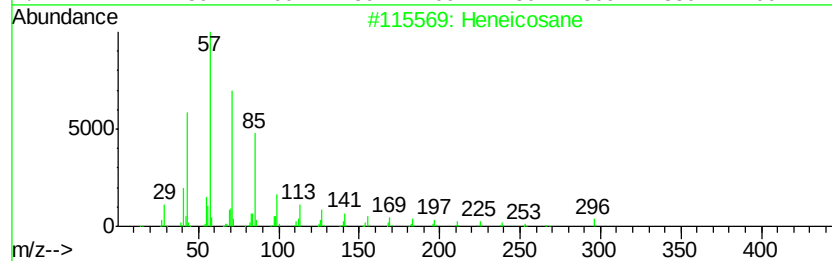
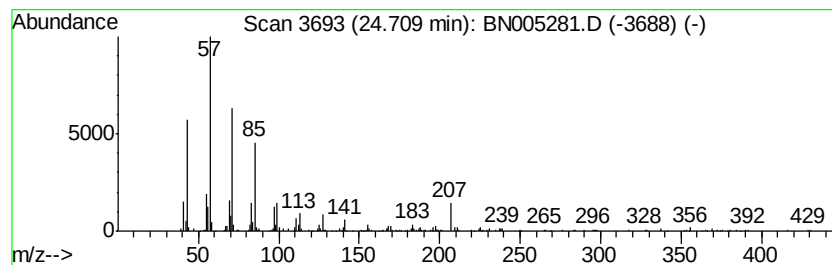
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Quant Title : SVOA CALIBRATION

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.
24.71	2.13 ng/ul	565983	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heneicosane	296	C21H44	000629-94-7	94
3		Hexacosane	366	C26H54	000630-01-3	94
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005281.D
Acq On : 25 Apr 2019 09:44
Operator : JU/SJ
Sample : K2456-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP0

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	4.8	ng/ul	1637510	4	16.98	6773470	20.0
Octadecanoic acid	19.20	2.1	ng/ul	642460	5	21.21	6063300	20.0
(DEL) Alkane: Cyc...	20.95	2.4	ng/ul	722464	5	21.21	6063300	20.0
(DEL) Alkane: Str...	22.79	2.4	ng/ul	624681	6	23.40	5309140	20.0
(DEL) Alkane: Str...	23.35	2.7	ng/ul	714091	6	23.40	5309140	20.0
(DEL) Alkane: Str...	23.98	2.5	ng/ul	670150	6	23.40	5309140	20.0
(DEL) Alkane: Str...	24.71	2.1	ng/ul	565983	6	23.40	5309140	20.0