

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006026.D
 Acq On : 02 Jun 2019 11:16
 Operator : JU/SJ
 Sample : K2924-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4278

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-BN052819MA.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	3.248	12	16	27	rVB	121901	181561	1.89%	0.125%
2	3.753	98	102	109	rVB	78827	103601	1.08%	0.071%
3	3.877	118	123	129	rVB	110623	167461	1.74%	0.115%
4	3.965	135	138	144	rVB	20622	30673	0.32%	0.021%
5	4.324	196	199	207	rVB3	19617	32829	0.34%	0.023%
6	4.853	284	289	297	rVB	115835	171454	1.78%	0.118%
7	4.953	301	306	309	rBV	25799	35892	0.37%	0.025%
8	5.818	446	453	460	rVB	32329	53834	0.56%	0.037%
9	6.724	598	607	612	rBV3	24161	46545	0.48%	0.032%
10	6.900	629	637	653	rBV	2129225	3485437	36.19%	2.392%
11	7.065	658	665	677	rVB	1822427	2858390	29.68%	1.962%
12	7.259	691	698	705	rBV	2336581	3621545	37.60%	2.486%
13	7.318	705	708	717	rVB	54434	95292	0.99%	0.065%
14	7.724	770	777	784	rBV	1889348	3027996	31.44%	2.078%
15	7.789	784	788	793	rVB	49463	80930	0.84%	0.056%
16	8.436	890	898	914	rBV	2511024	4213577	43.75%	2.892%
17	8.547	914	917	928	rVB4	20247	34748	0.36%	0.024%
18	8.883	966	974	983	rBV	2217581	3584279	37.21%	2.460%
19	9.041	997	1001	1007	rVB6	21533	35061	0.36%	0.024%
20	9.300	1039	1045	1050	rVB	90219	131697	1.37%	0.090%
21	9.600	1088	1096	1111	rBV	1719468	2988388	31.03%	2.051%
22	10.141	1180	1188	1207	rBV	2592148	4502791	46.75%	3.091%
23	10.518	1244	1252	1259	rBV	2585926	4394793	45.63%	3.017%
24	10.653	1266	1275	1299	rBV	1599733	2935380	30.48%	2.015%
25	11.306	1381	1386	1392	rVV4	14148	26827	0.28%	0.018%
26	12.012	1500	1506	1511	rBV2	17600	28979	0.30%	0.020%
27	12.112	1514	1523	1529	rVB	44823	74031	0.77%	0.051%
28	13.106	1685	1692	1697	rBV5	14582	28386	0.29%	0.019%
29	13.159	1697	1701	1705	rVV3	20778	36905	0.38%	0.025%
30	13.206	1705	1709	1714	rVV4	22301	39023	0.41%	0.027%
31	13.282	1714	1722	1729	rVV6	12139	40299	0.42%	0.028%
32	13.624	1774	1780	1788	rBV	107457	177755	1.85%	0.122%
33	13.700	1788	1793	1798	rVB2	23722	35647	0.37%	0.024%
34	13.794	1802	1809	1813	rVV	4470167	6267835	65.08%	4.302%

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35	13.835	1813	1816	1825	rVB	1510075	2055586	21.34%	1.411%
36	14.076	1845	1857	1867	rBV	4961915	7699715	79.94%	5.285%
37	14.235	1876	1884	1889	rBV8	12166	32172	0.33%	0.022%
38	14.282	1889	1892	1898	rVB3	26610	34120	0.35%	0.023%
39	14.382	1898	1909	1917	rBV2	3611033	5706233	59.25%	3.917%
40	14.441	1917	1919	1928	rVB	39652	63428	0.66%	0.044%
41	14.529	1928	1934	1938	rBV2	65087	94112	0.98%	0.065%
42	14.588	1938	1944	1948	rBV	1372716	2085230	21.65%	1.431%
43	14.641	1948	1953	1966	rVV	4148076	6652105	69.07%	4.566%
44	14.741	1967	1970	1974	rVV	103298	172597	1.79%	0.118%
45	14.806	1975	1981	1986	rVB4	78360	163687	1.70%	0.112%
46	15.053	2019	2023	2029	rVB8	24895	41135	0.43%	0.028%
47	15.182	2039	2045	2051	rBV2	37558	80462	0.84%	0.055%
48	15.241	2051	2055	2062	rVB4	46399	73426	0.76%	0.050%
49	15.382	2069	2079	2085	rBV	6200175	9604825	99.72%	6.593%
50	15.435	2085	2088	2094	rVV2	71770	120410	1.25%	0.083%
51	15.512	2095	2101	2106	rVV	648091	941657	9.78%	0.646%
52	15.565	2106	2110	2114	rVV2	82226	127216	1.32%	0.087%
53	15.618	2114	2119	2128	rVB3	86927	170115	1.77%	0.117%
54	15.729	2133	2138	2144	rVB7	27253	61409	0.64%	0.042%
55	15.876	2159	2163	2171	rVB6	26734	62317	0.65%	0.043%
56	16.029	2185	2189	2191	rBV3	18564	27468	0.29%	0.019%
57	16.065	2192	2195	2198	rVV4	17717	27177	0.28%	0.019%
58	16.106	2198	2202	2207	rVV2	43283	79644	0.83%	0.055%
59	16.159	2207	2211	2219	rVB2	74210	124148	1.29%	0.085%
60	16.447	2253	2260	2264	rVV9	20240	44895	0.47%	0.031%
61	16.541	2272	2276	2279	rVV6	18827	27189	0.28%	0.019%
62	16.794	2315	2319	2325	rBV4	39852	82704	0.86%	0.057%
63	16.900	2334	2337	2340	rVV3	32002	46464	0.48%	0.032%
64	16.953	2343	2346	2352	rVB	54891	82602	0.86%	0.057%
65	17.012	2352	2356	2360	rBV6	27299	41591	0.43%	0.029%
66	17.088	2366	2369	2371	rBV3	23708	30675	0.32%	0.021%
67	17.141	2371	2378	2382	rVV2	4011024	5828086	60.51%	4.000%
68	17.182	2382	2385	2389	rVV	715060	947378	9.84%	0.650%
69	17.241	2389	2395	2405	rVB	5545330	8263702	85.80%	5.672%
70	17.388	2413	2420	2429	rBV2	87077	227108	2.36%	0.156%
71	17.547	2443	2447	2449	rBV	37931	50259	0.52%	0.034%

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72	17.847	2496	2498	2503	rVB5	23591	30119	0.31%	0.021%
73	17.965	2515	2518	2523	rBV7	42785	52749	0.55%	0.036%
74	18.041	2523	2531	2540	rBV2	877220	1640868	17.04%	1.126%
75	18.147	2546	2549	2554	rVB	43913	51814	0.54%	0.036%
76	18.212	2555	2560	2564	rVV3	164534	293787	3.05%	0.202%
77	18.253	2564	2567	2571	rVB	81369	104087	1.08%	0.071%
78	18.370	2583	2587	2592	rVV2	109411	178278	1.85%	0.122%
79	18.523	2609	2613	2616	rBV	99093	132947	1.38%	0.091%
80	18.564	2616	2620	2625	rVB	121284	177046	1.84%	0.122%
81	18.770	2651	2655	2660	rVB2	59342	81501	0.85%	0.056%
82	18.947	2681	2685	2687	rBV	71141	92301	0.96%	0.063%
83	19.088	2704	2709	2716	rBV2	84001	193610	2.01%	0.133%
84	19.212	2721	2730	2737	rVV	1429641	2093405	21.74%	1.437%
85	19.329	2747	2750	2753	rBV	158539	190538	1.98%	0.131%
86	19.547	2781	2787	2800	rBV3	5563621	9631477	100.00%	6.611%
87	20.076	2873	2877	2886	rVB4	246640	476116	4.94%	0.327%
88	20.176	2892	2894	2898	rVB	87745	92721	0.96%	0.064%
89	21.070	3042	3046	3053	rBV2	2284101	2924604	30.37%	2.007%
90	21.358	3089	3095	3100	rBV2	3300465	5330935	55.35%	3.659%
91	21.400	3100	3102	3112	rVB	610327	715072	7.42%	0.491%
92	21.517	3119	3122	3128	rBV	462561	603252	6.26%	0.414%
93	21.964	3195	3198	3208	rBV3	698592	1447017	15.02%	0.993%
94	22.435	3274	3278	3293	rVB2	2636303	4093617	42.50%	2.810%
95	22.958	3363	3367	3372	rBV2	1648713	2778913	28.85%	1.907%
96	23.011	3373	3376	3386	rVB	771069	1303601	13.53%	0.895%
97	23.511	3455	3461	3476	rVB3	3216164	8427572	87.50%	5.785%
98	23.658	3480	3486	3493	rVV	2080759	3860096	40.08%	2.650%
99	24.205	3574	3579	3587	rVB	1098986	2011013	20.88%	1.380%
100	24.964	3704	3708	3715	rVB	568524	1138029	11.82%	0.781%

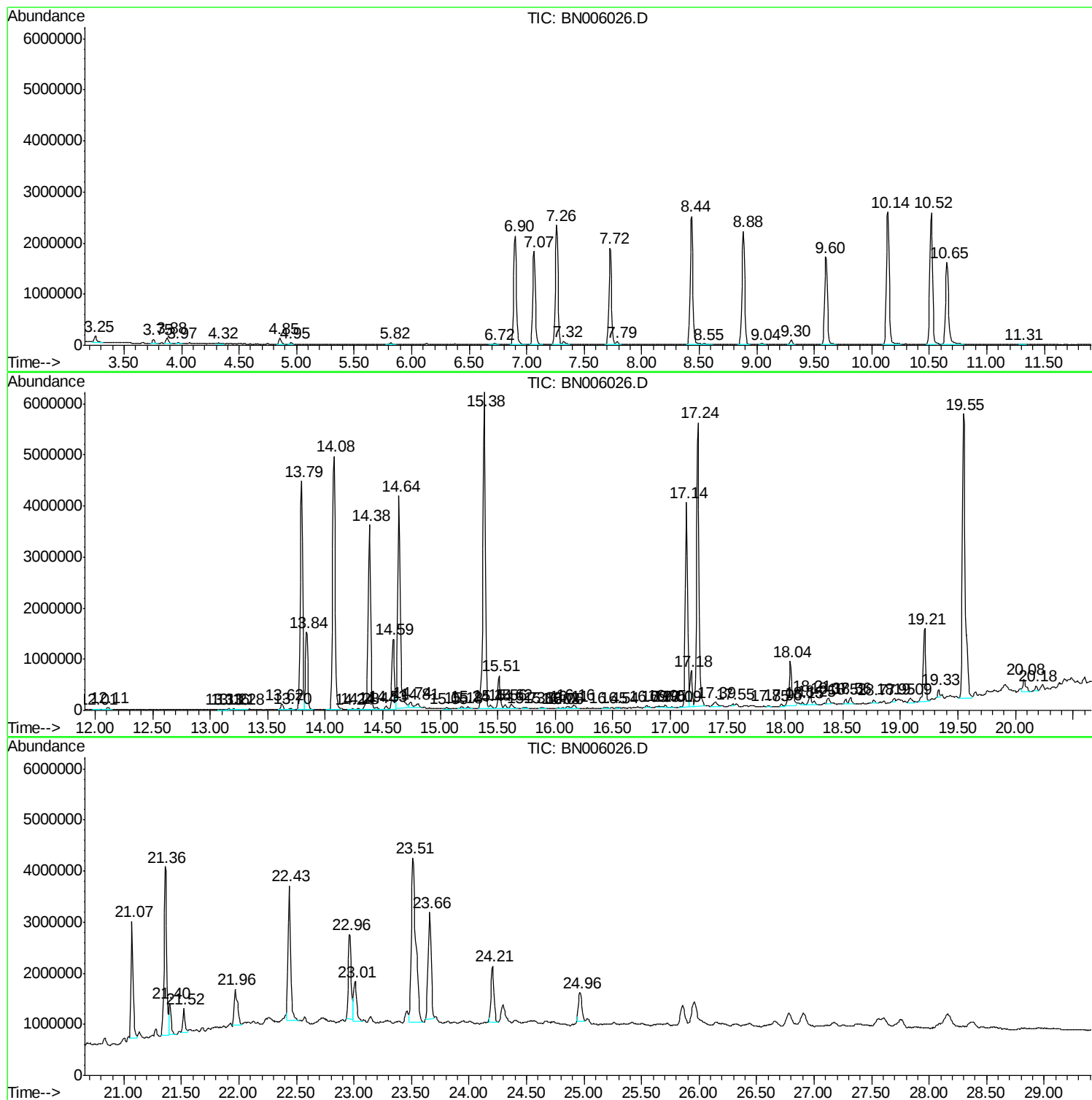
Sum of corrected areas: 145689973

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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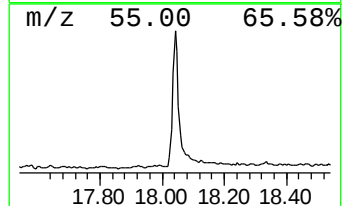
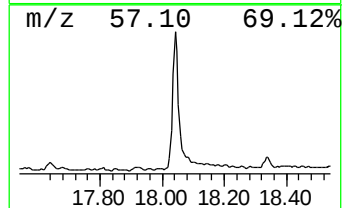
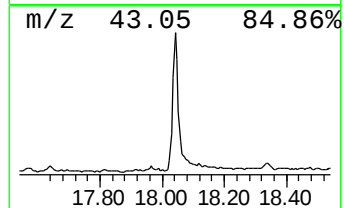
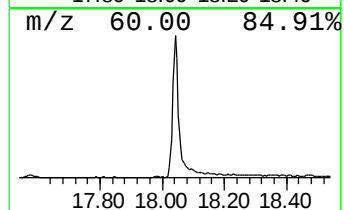
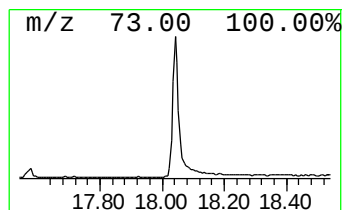
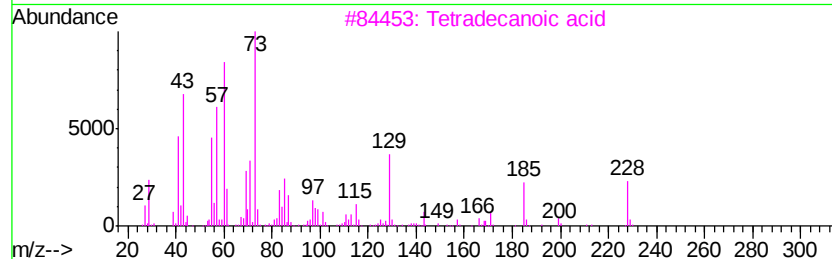
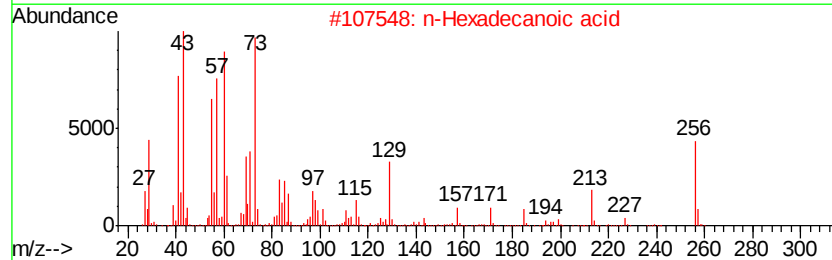
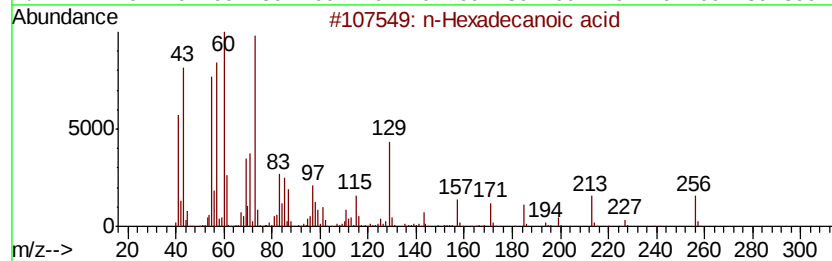
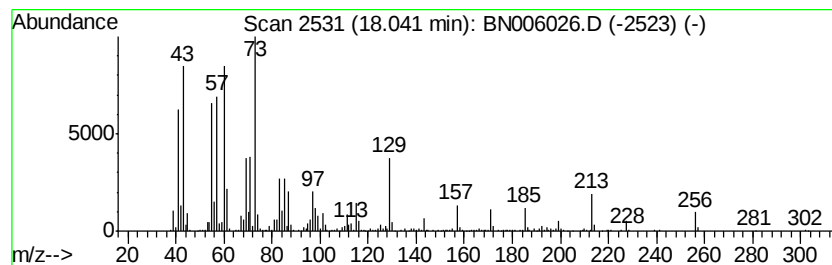
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.63 ng/ul	1640870	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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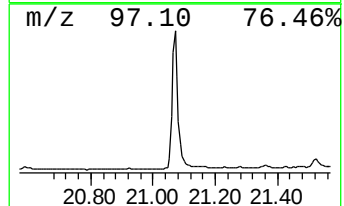
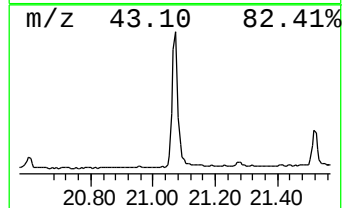
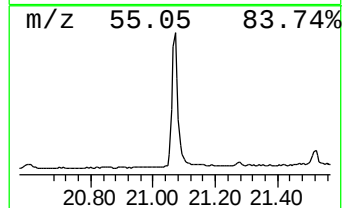
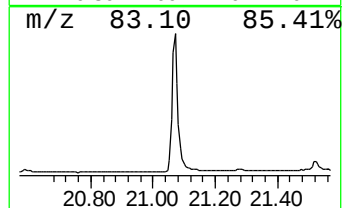
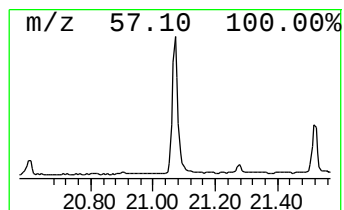
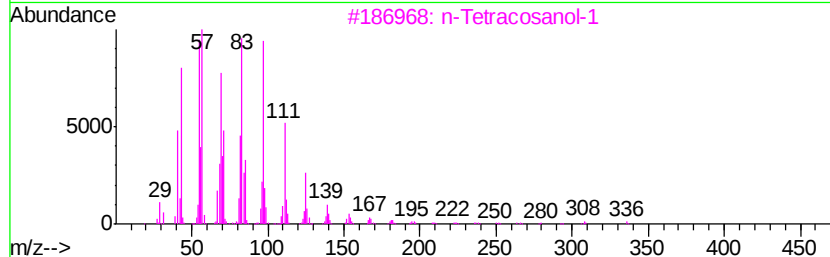
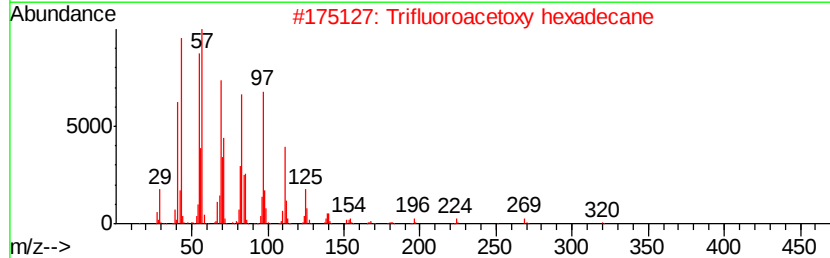
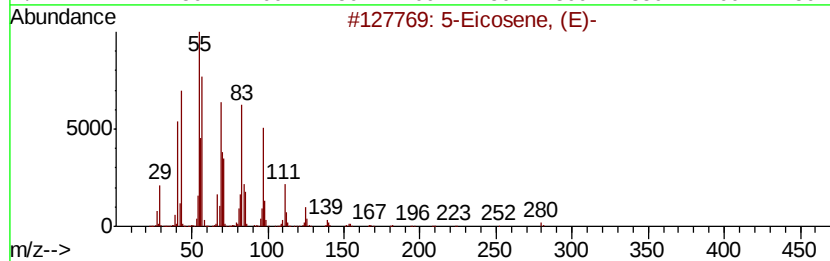
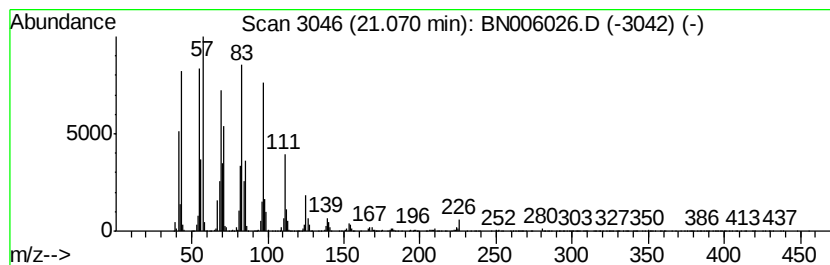
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	10.97 ng/ul	2924600	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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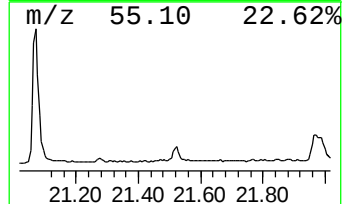
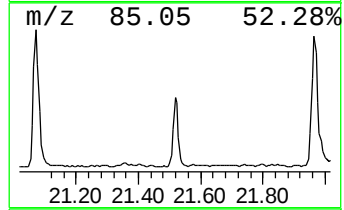
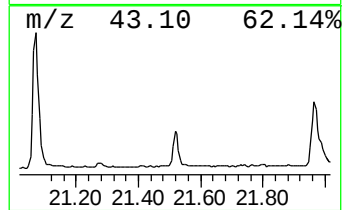
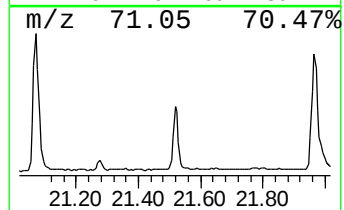
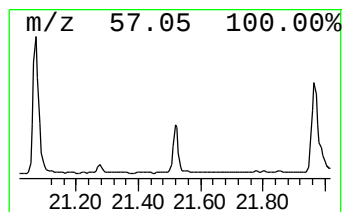
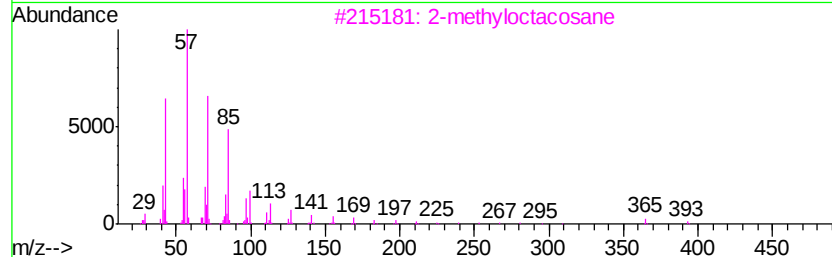
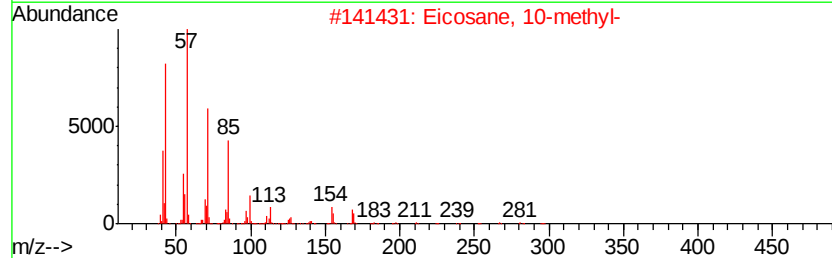
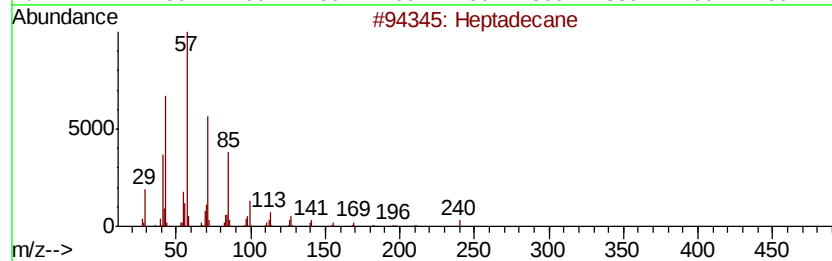
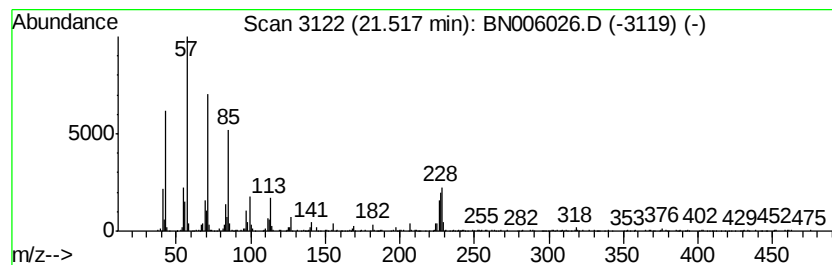
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.26 ng/ul	603252	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3		2-methyloctacosane	408	C29H60	1000376-72-8	64
4		Hexacosane	366	C26H54	000630-01-3	64
5		Heneicosane	296	C21H44	000629-94-7	64



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Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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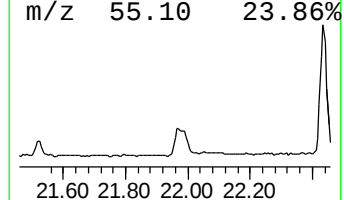
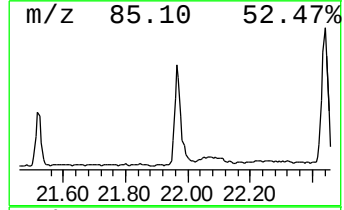
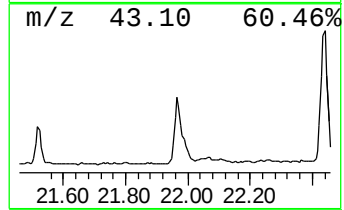
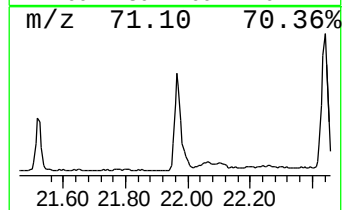
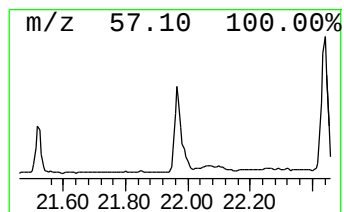
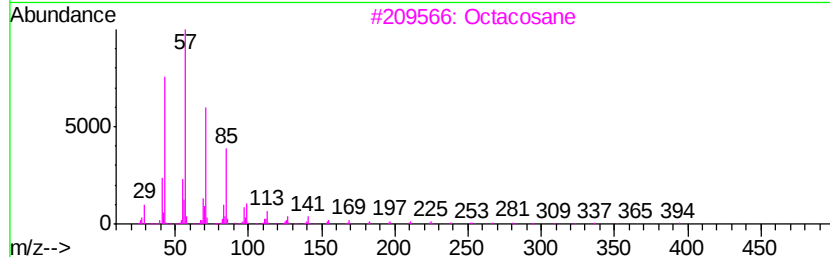
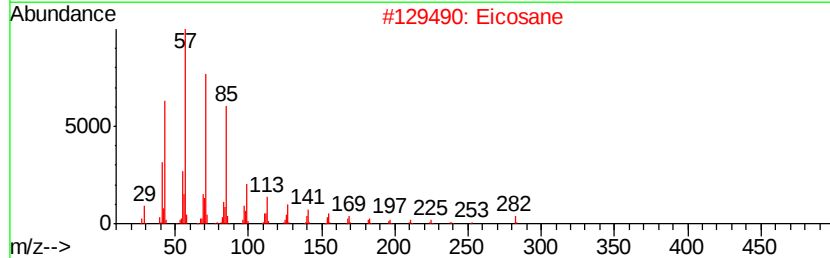
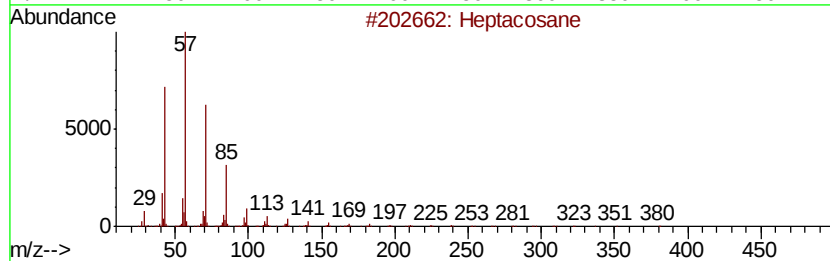
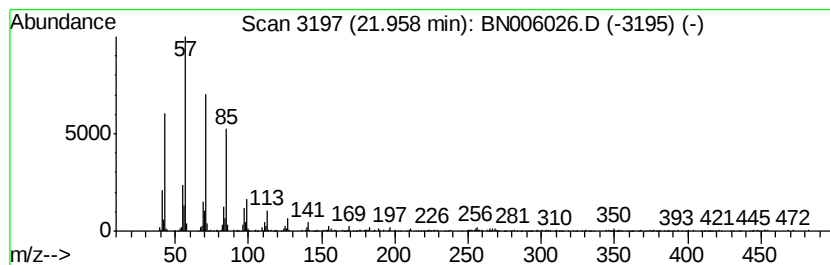
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	5.43 ng/ul	1447020	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	94
2			Eicosane	282	C20H42	000112-95-8	93
3			Octacosane	394	C28H58	000630-02-4	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
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Sample : K2924-16
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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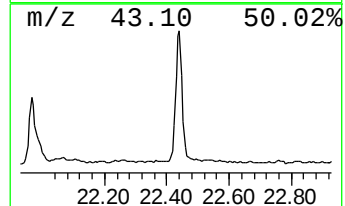
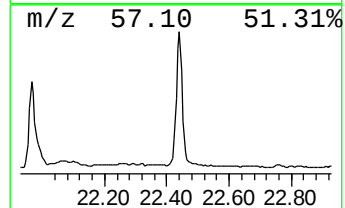
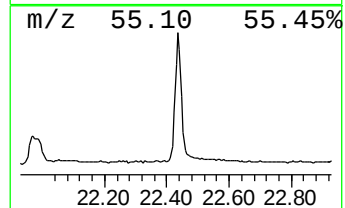
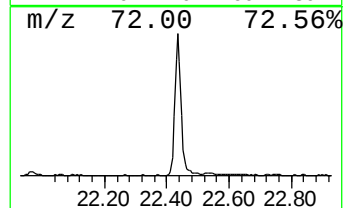
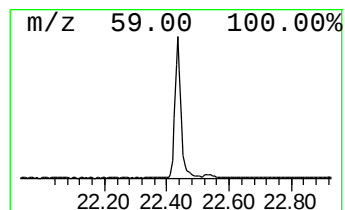
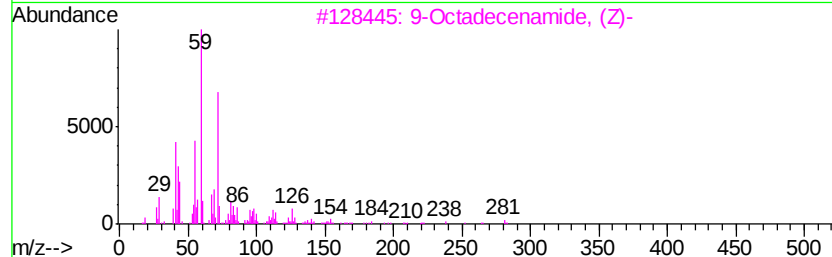
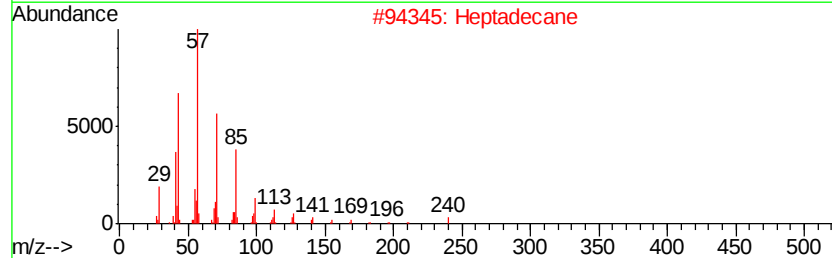
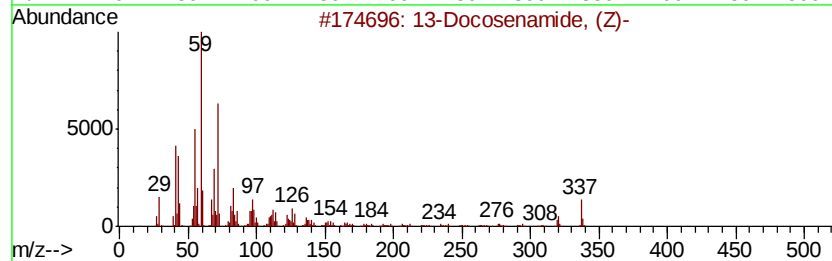
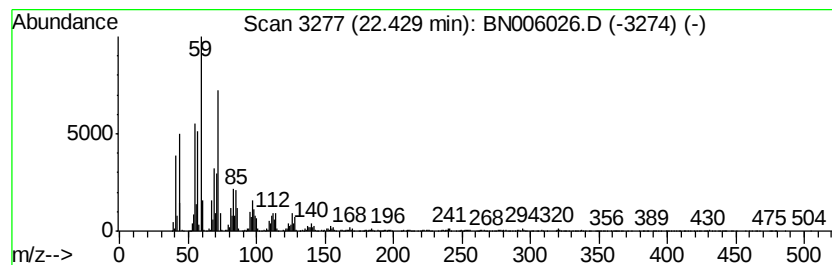
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	15.36 ng/ul	4093620	Chrysene-d12	21.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2		Heptadecane	240	C17H36	000629-78-7	60
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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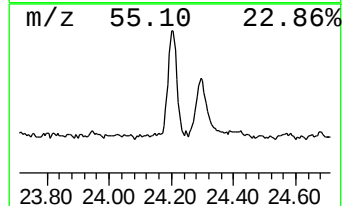
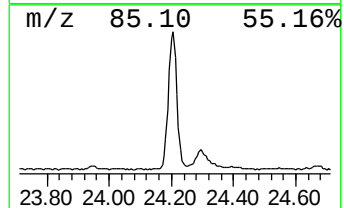
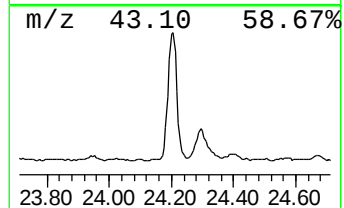
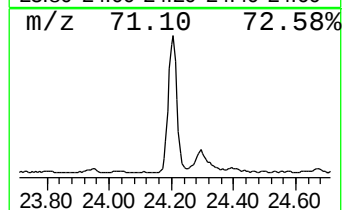
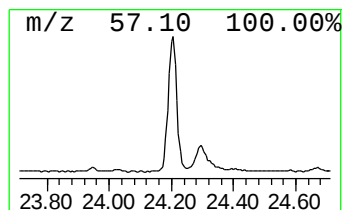
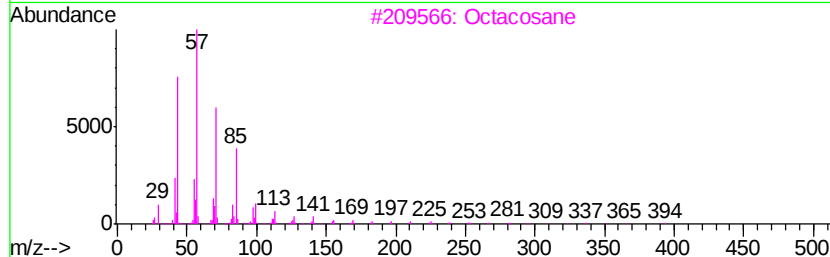
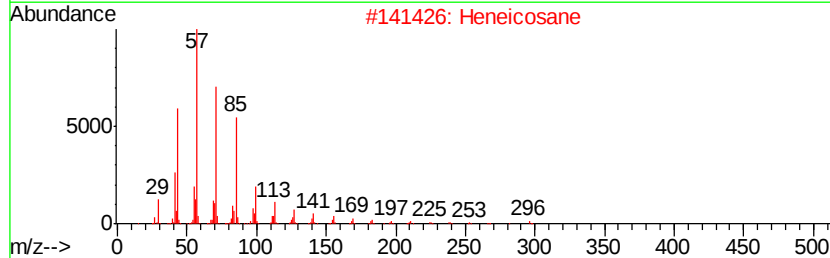
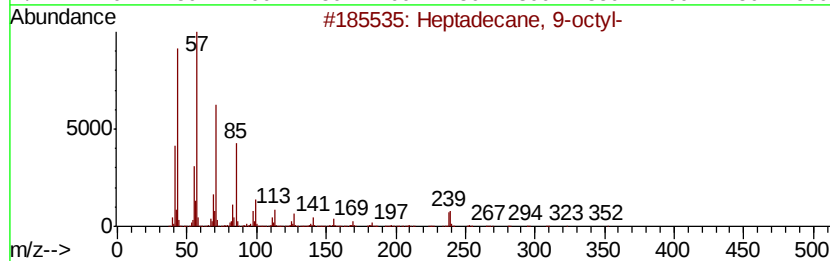
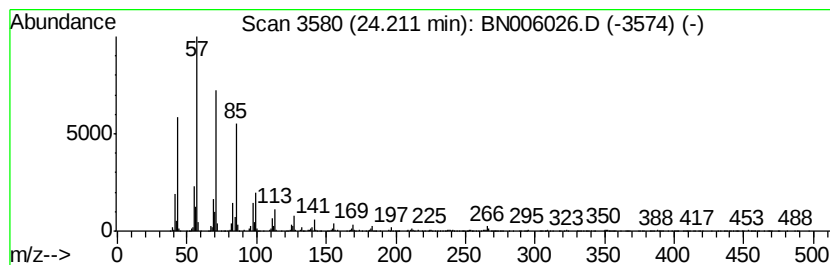
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	10.42 ng/ul	2011010	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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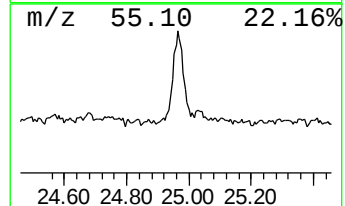
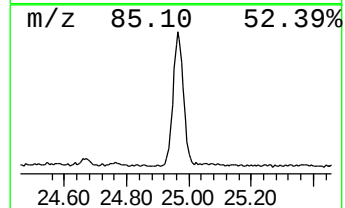
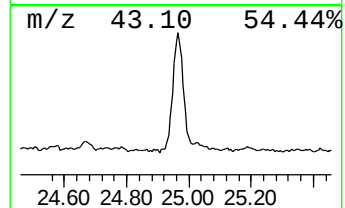
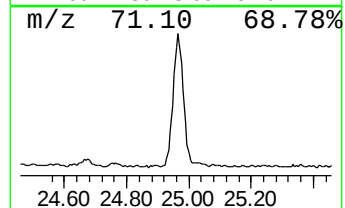
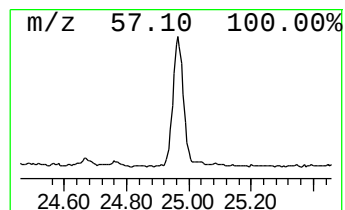
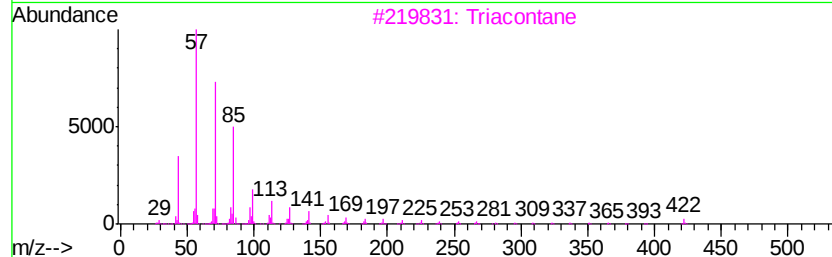
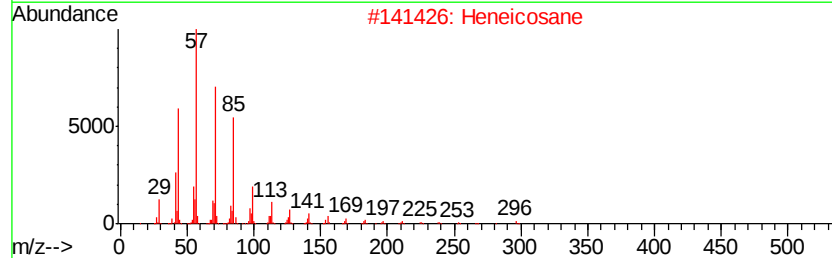
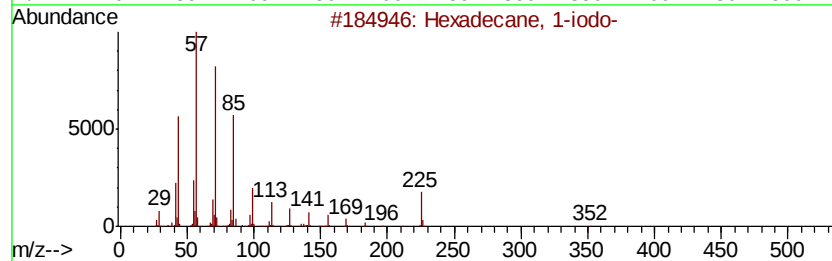
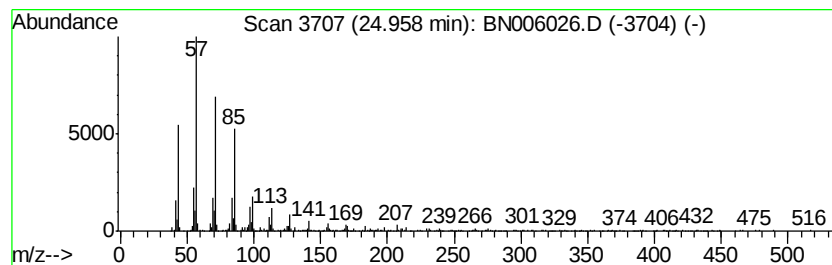
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	5.90 ng/ul	1138030	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2		Heneicosane	296	C21H44	000629-94-7	93
3		Triacontane	422	C30H62	000638-68-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tritriacontane	465	C33H68	000630-05-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
n-Hexadecanoic acid	18.04	5.6	ng/ul	1640870	4	17.14	5828090	20.0
(DEL) Alkane: Cyc...	21.07	11.0	ng/ul	2924600	5	21.36	5330940	20.0
(DEL) Alkane: Str...	21.52	2.3	ng/ul	603252	5	21.36	5330940	20.0
(DEL) Alkane: Str...	21.96	5.4	ng/ul	1447020	5	21.36	5330940	20.0
13-Docosenamide, ...	22.43	15.4	ng/ul	4093620	5	21.36	5330940	20.0
(DEL) Alkane: Str...	24.21	10.4	ng/ul	2011010	6	23.66	3860100	20.0
Hexadecane, 1-iodo-	24.96	5.9	ng/ul	1138030	6	23.66	3860100	20.0