

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005763.D
 Acq On : 18 May 2019 21:04
 Operator : JU/SJ
 Sample : K2690-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5164

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-BN051819MA.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	6.763	636	642	656	rVB	361515	694009	15.09%	1.619%
2	6.916	663	668	681	rVB	332133	567480	12.34%	1.323%
3	7.110	695	701	715	rBV	443397	773857	16.82%	1.805%
4	7.569	774	779	790	rVB	395436	690140	15.00%	1.610%
5	8.281	894	900	920	rVB	539240	1008588	21.93%	2.352%
6	8.722	968	975	983	rBV	498639	875576	19.03%	2.042%
7	9.434	1090	1096	1107	rVB	435603	779493	16.95%	1.818%
8	9.975	1181	1188	1214	rBV	570721	1128021	24.52%	2.631%
9	10.334	1242	1249	1262	rVB	664028	1087260	23.64%	2.536%
10	10.481	1267	1274	1293	rBV	501639	1112723	24.19%	2.595%
11	11.969	1520	1527	1528	rBV3	5739	8586	0.19%	0.020%
12	13.628	1803	1809	1814	rBV	1360648	1962218	42.66%	4.576%
13	13.675	1814	1817	1830	rVB	199613	318822	6.93%	0.744%
14	13.898	1848	1855	1867	rBV	1543068	2427204	52.76%	5.661%
15	14.210	1900	1908	1920	rBV2	1050621	1654252	35.96%	3.858%
16	14.457	1945	1950	1968	rBV	267169	705328	15.33%	1.645%
17	15.028	2043	2047	2050	rBV4	3624	4759	0.10%	0.011%
18	15.086	2054	2057	2060	rVB3	4579	5655	0.12%	0.013%
19	15.216	2072	2079	2087	rBV	2046214	3006636	65.36%	7.012%
20	15.375	2100	2106	2116	rBV	484824	868220	18.87%	2.025%
21	15.457	2116	2120	2126	rVB2	29151	49286	1.07%	0.115%
22	15.951	2198	2204	2207	rBV5	5316	9071	0.20%	0.021%
23	16.004	2209	2213	2220	rVB3	8461	13804	0.30%	0.032%
24	16.128	2229	2234	2237	rVB5	4577	6609	0.14%	0.015%
25	16.763	2336	2342	2347	rBV4	6169	13316	0.29%	0.031%
26	16.969	2371	2377	2388	rBV2	1527572	2165734	47.08%	5.051%
27	17.075	2388	2395	2409	rBV	2155909	3358135	73.00%	7.832%
28	17.886	2528	2533	2547	rBV2	165216	349051	7.59%	0.814%
29	18.180	2580	2583	2585	rBV4	4871	6316	0.14%	0.015%
30	18.269	2592	2598	2602	rBV7	10836	24085	0.52%	0.056%
31	18.822	2690	2692	2695	rBV4	7380	7272	0.16%	0.017%
32	18.892	2702	2704	2708	rVB4	6320	7097	0.15%	0.017%
33	18.945	2711	2713	2716	rBV3	6194	7880	0.17%	0.018%
34	19.022	2723	2726	2730	rBV	22334	27810	0.60%	0.065%

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Integration Parameters: LSCINT.P

Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.186	2750	2754	2762	rBV3	59145	139162	3.03%	0.325%
36	19.274	2765	2769	2773	rVB	34595	50272	1.09%	0.117%
37	19.386	2782	2788	2798	rBV	2940384	4167072	90.59%	9.719%
38	20.333	2942	2949	2958	rBV	431362	613898	13.35%	1.432%
39	20.921	3045	3049	3056	rBV3	132265	270058	5.87%	0.630%
40	21.204	3092	3097	3104	rBV	1873130	2638137	57.35%	6.153%
41	21.363	3122	3124	3133	rVB2	75561	109266	2.38%	0.255%
42	21.792	3195	3197	3201	rVB	114639	123233	2.68%	0.287%
43	22.251	3271	3275	3279	rVB	228902	293818	6.39%	0.685%
44	22.368	3292	3295	3299	rBV	170467	195625	4.25%	0.456%
45	22.739	3355	3358	3364	rVB	232730	316532	6.88%	0.738%
46	23.268	3442	3448	3458	rVB2	2392239	4600039	100.00%	10.728%
47	23.410	3465	3472	3482	rVB	1392194	2822576	61.36%	6.583%
48	23.915	3553	3558	3565	rBV	252499	474457	10.31%	1.107%
49	24.633	3677	3680	3687	rVB2	191120	338837	7.37%	0.790%

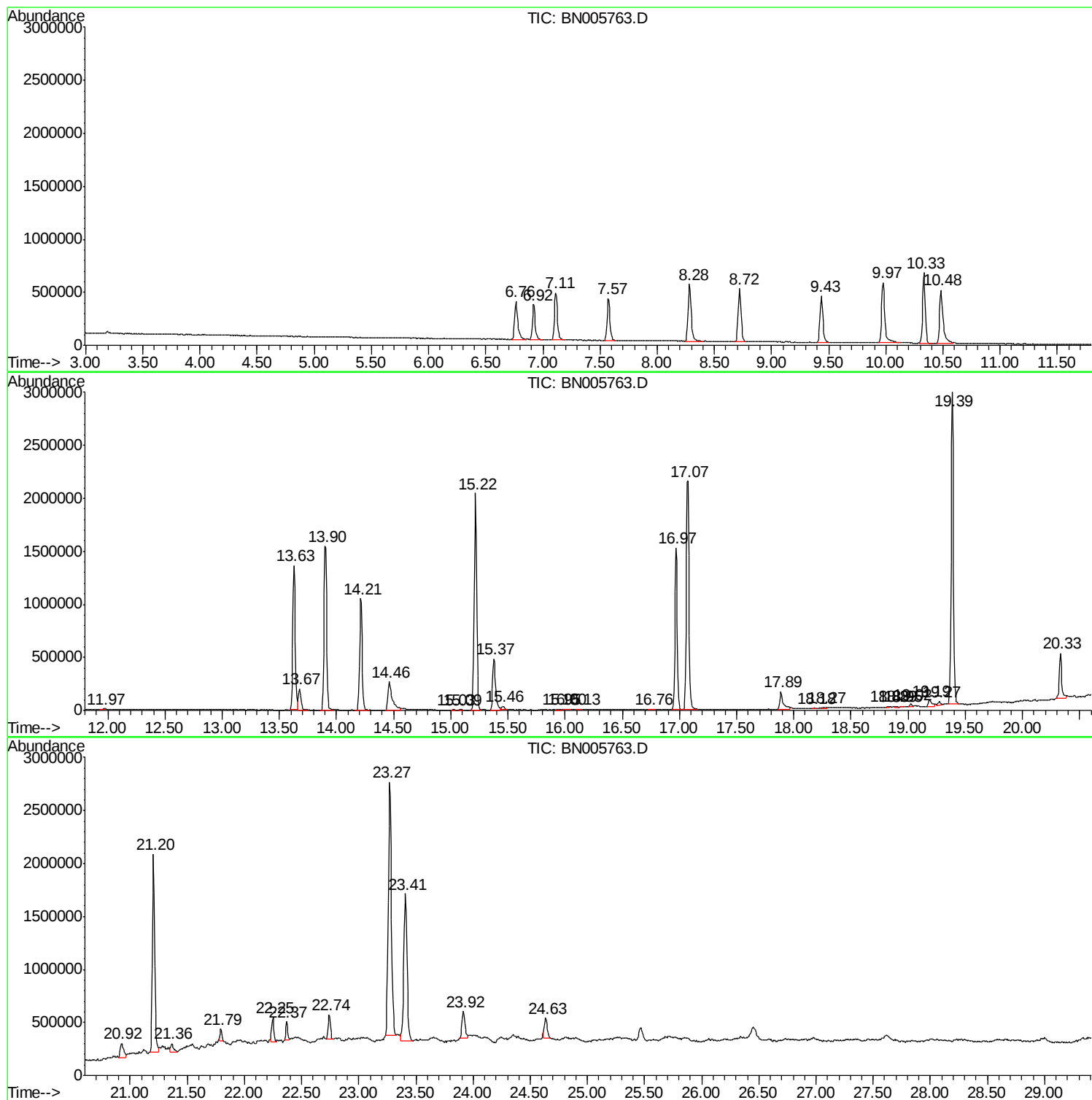
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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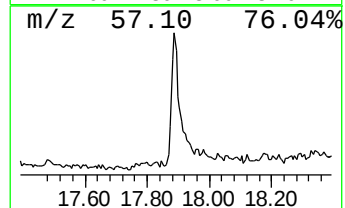
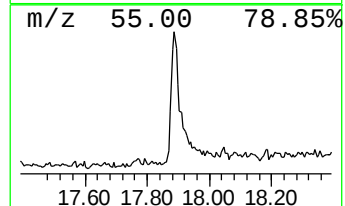
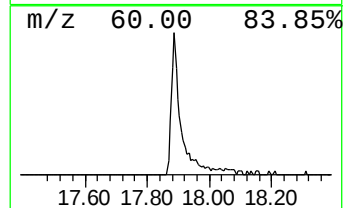
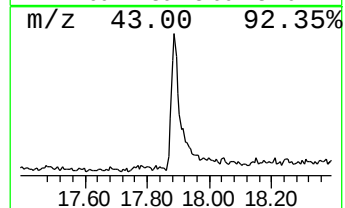
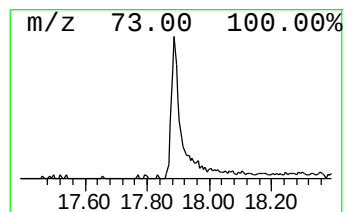
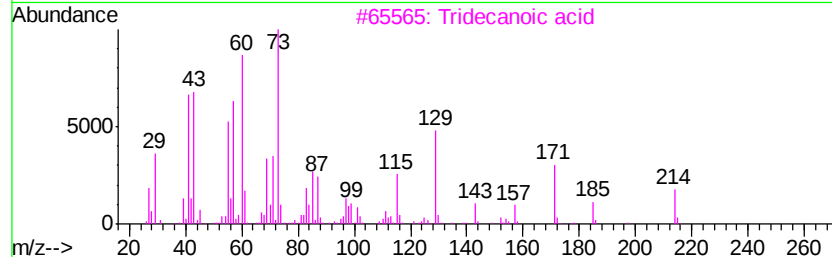
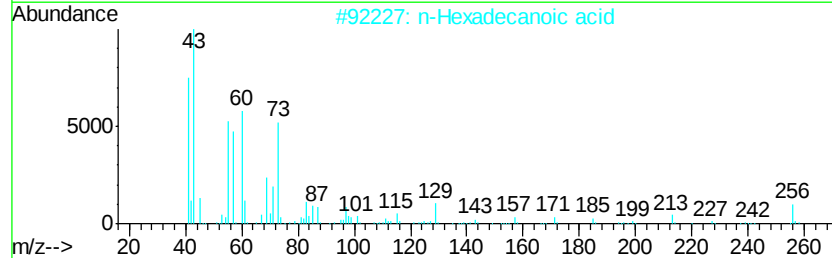
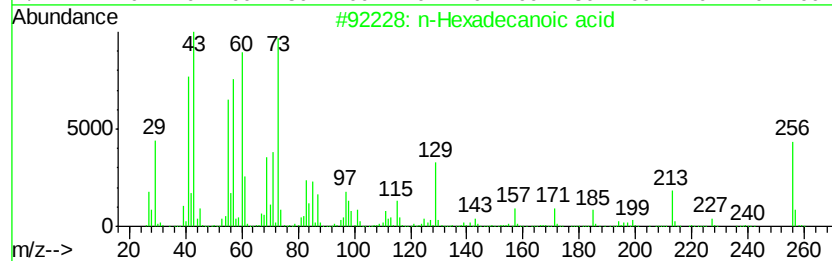
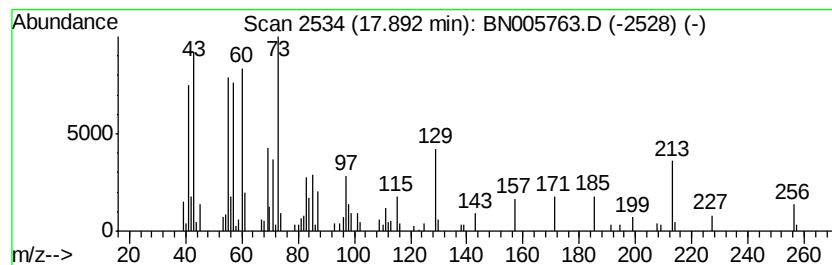
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	3.22 ng/ul	349051	Phenanthrene-d10		16.97	
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	Tridecanoic acid		214	C13H26O2	000638-53-9	96
4	Tridecanoic acid		214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76



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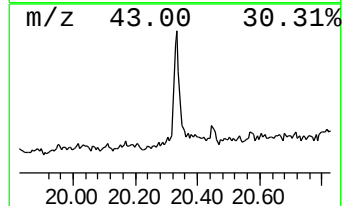
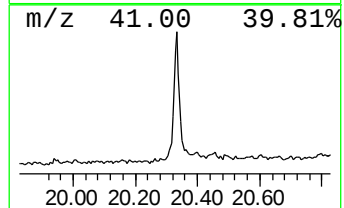
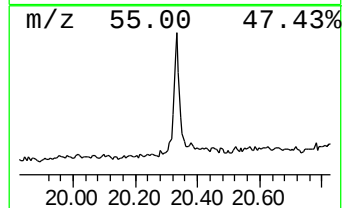
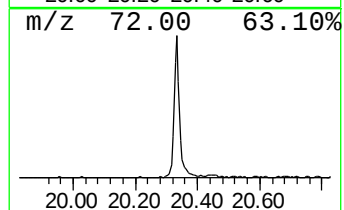
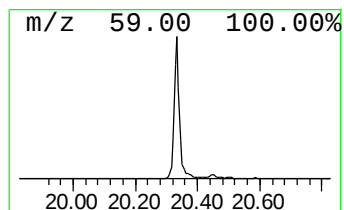
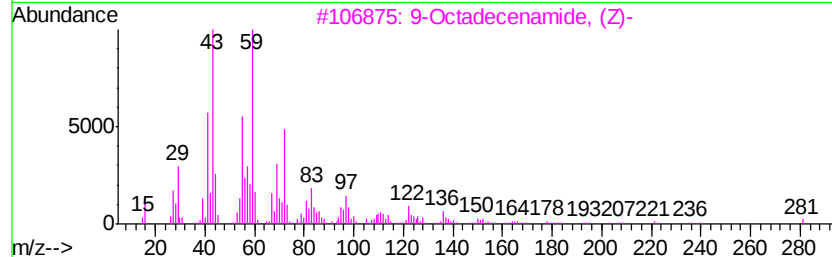
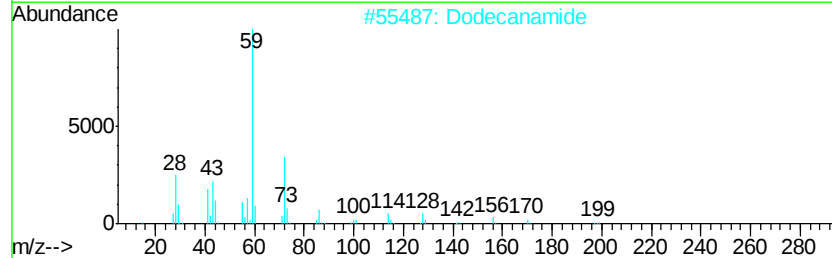
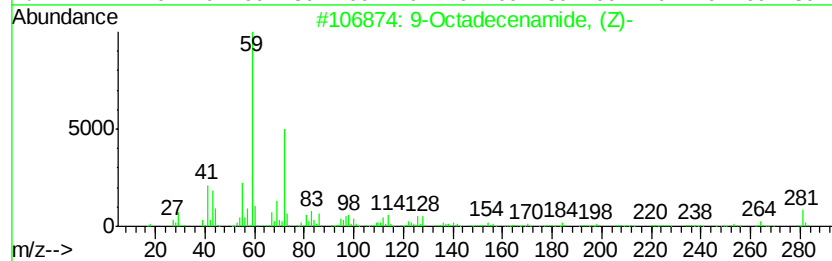
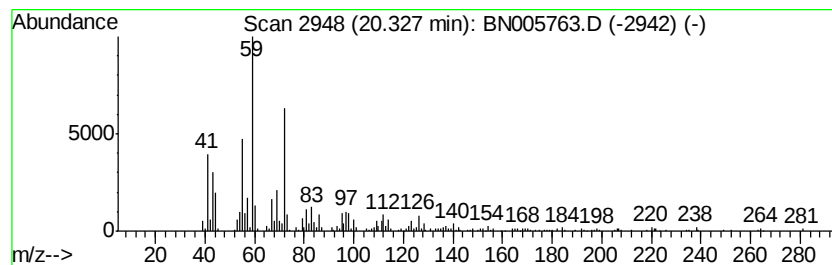
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.33	4.65 ng/ul	613898	Chrysene-d12		21.20		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2			Dodecanamide	199	C12H25NO	001120-16-7	76
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4			Nonanamide	157	C9H19NO	001120-07-6	64
5			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53



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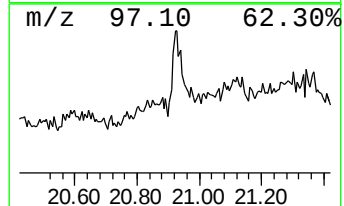
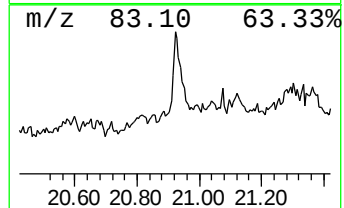
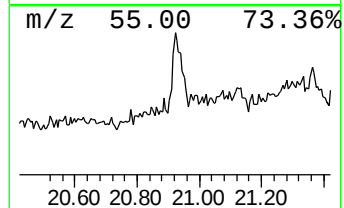
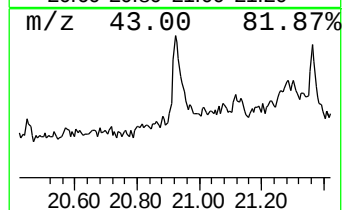
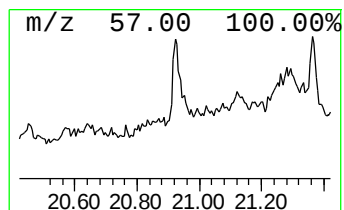
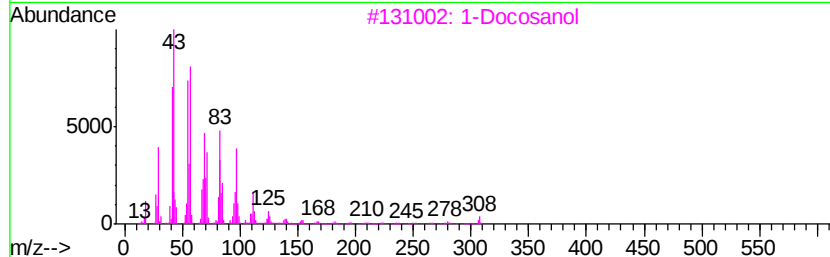
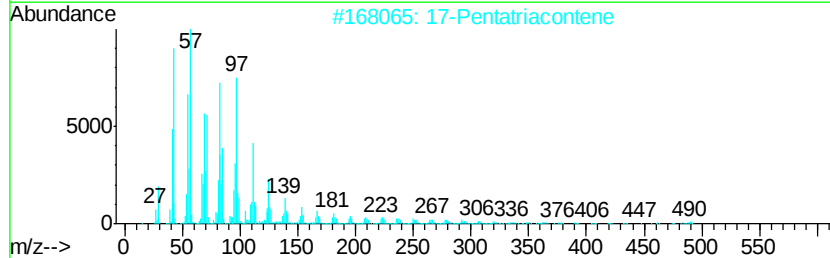
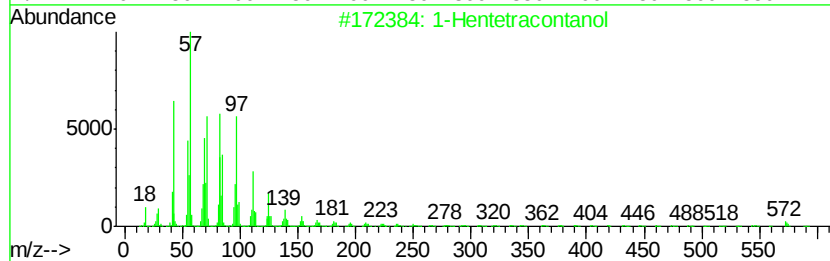
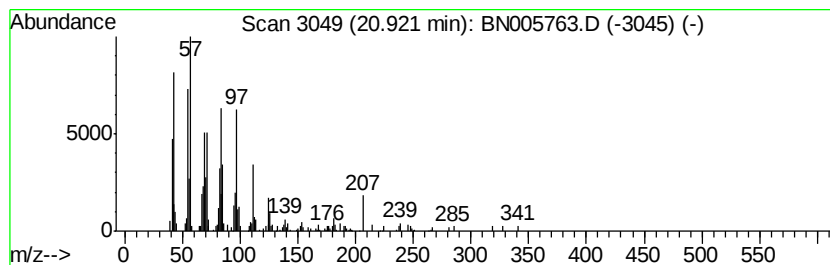
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 1-Hentetracontanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.05 ng/ul	270058	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hentetracontanol	593	C41H84O	040710-42-7	87
2		17-Pentatriacontene	491	C35H70	006971-40-0	83
3		1-Docosanol	326	C22H46O	000661-19-8	83
4		1-Hexacosanol	382	C26H54O	000506-52-5	81
5		17-Pentatriacontene	491	C35H70	006971-40-0	74



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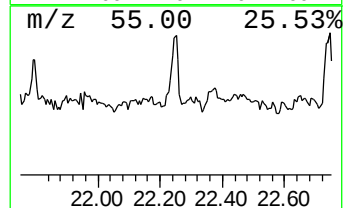
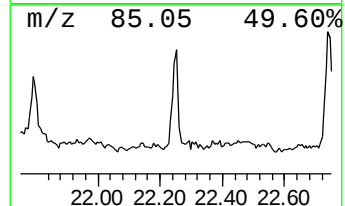
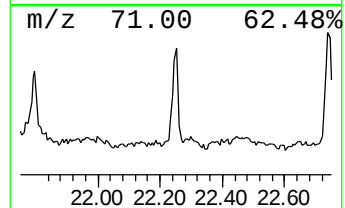
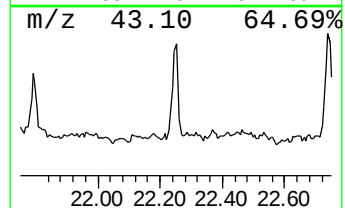
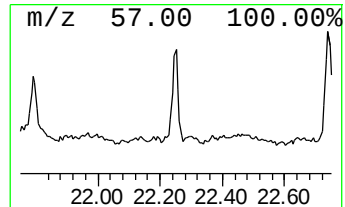
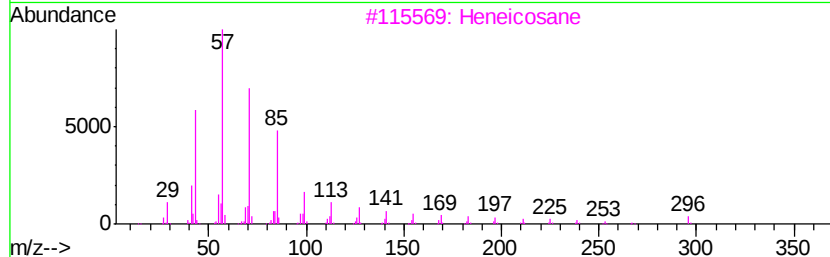
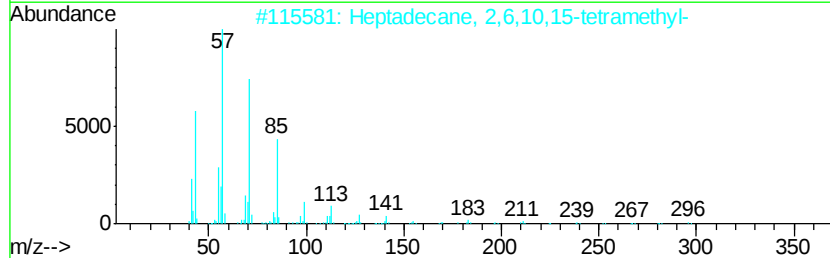
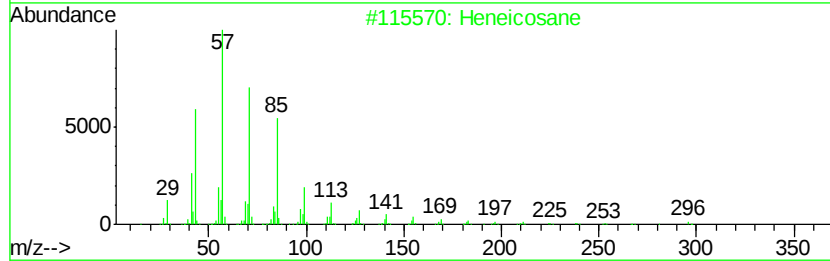
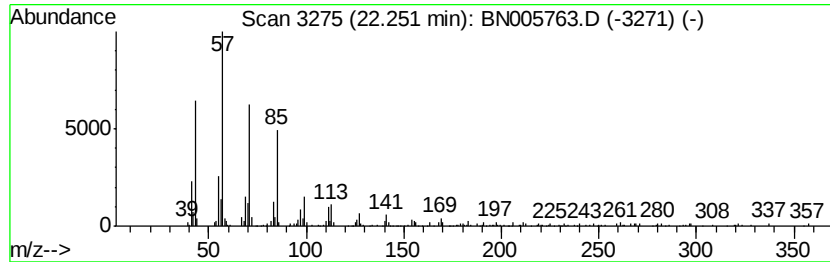
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.23 ng/ul	293818	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heneicosane	296	C21H44	000629-94-7	92
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89



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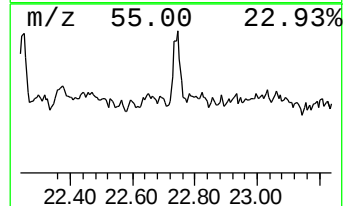
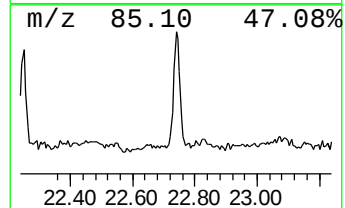
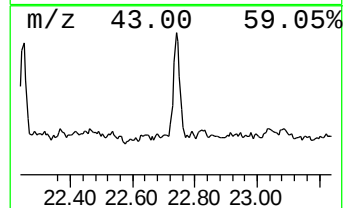
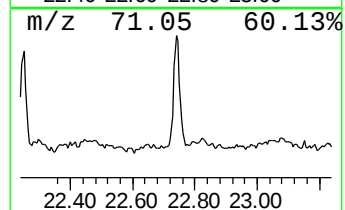
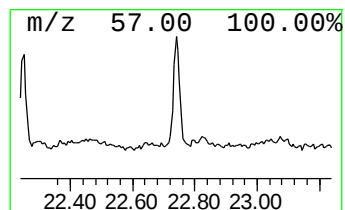
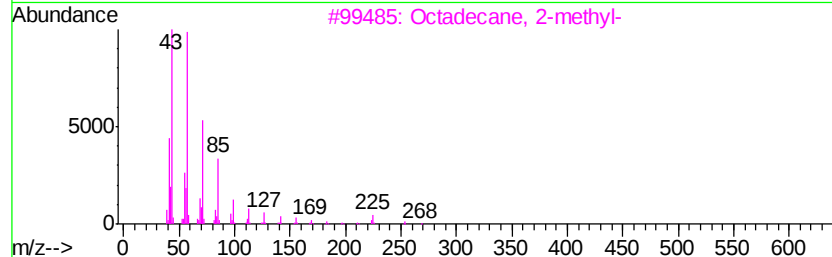
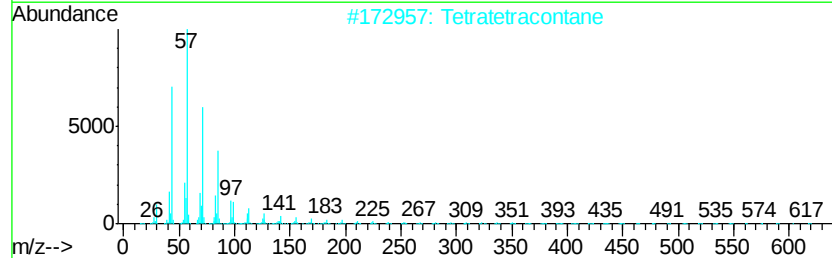
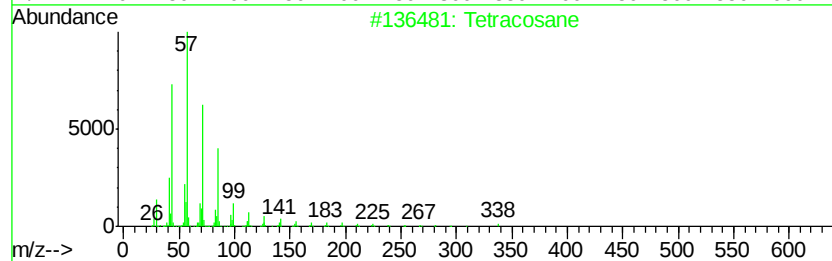
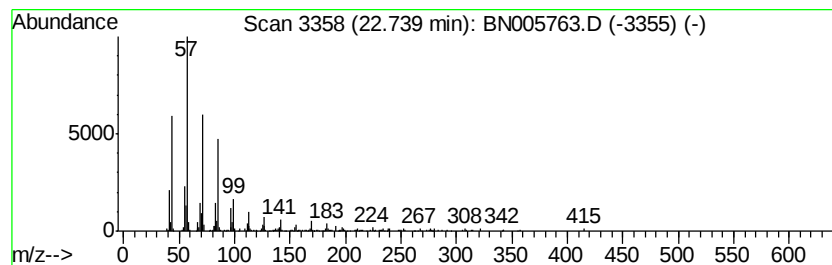
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.24 ng/ul	316532	Perylene-d12	23.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005763.D
Acq On : 18 May 2019 21:04
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5164

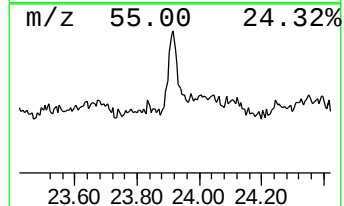
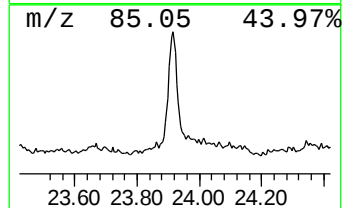
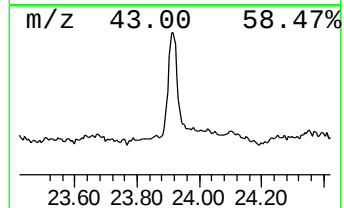
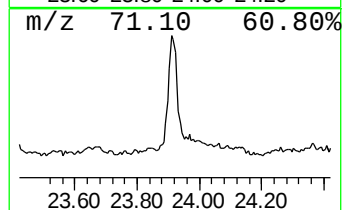
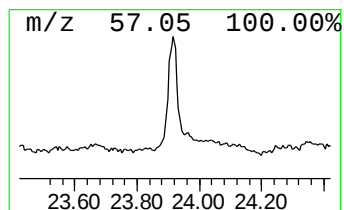
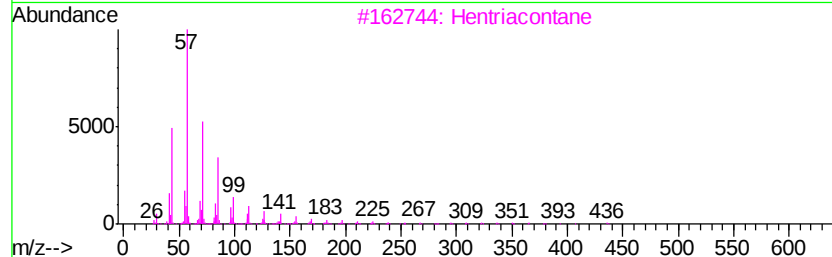
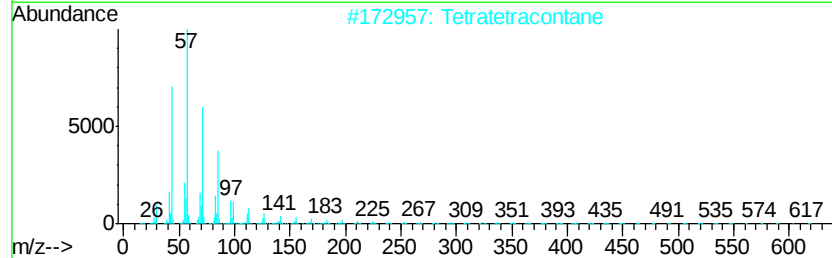
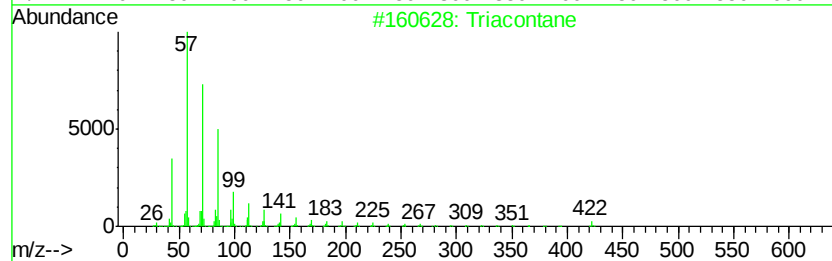
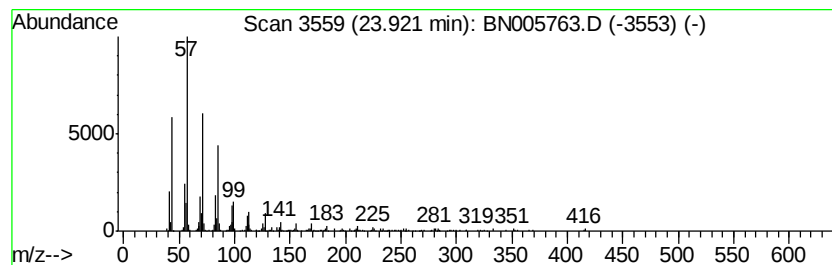
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.36 ng/ul	474457	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005763.D
Acq On : 18 May 2019 21:04
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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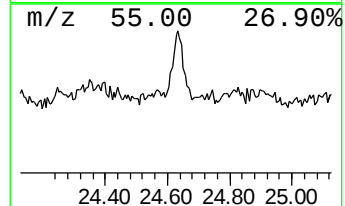
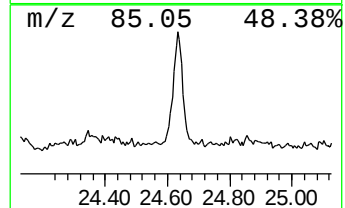
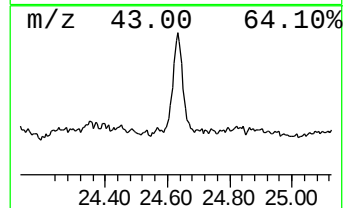
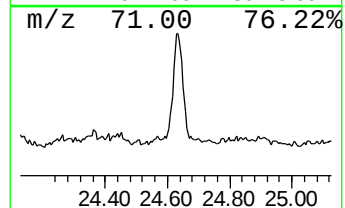
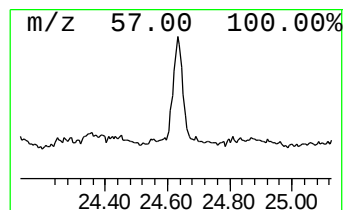
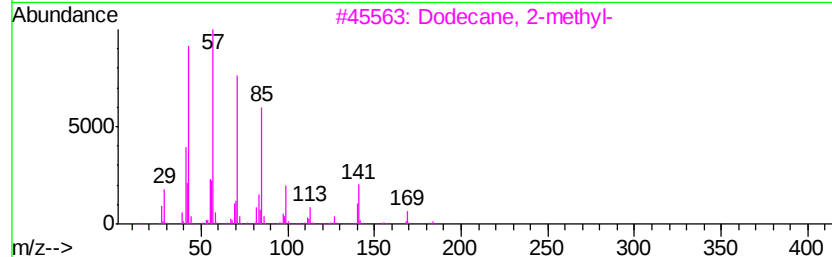
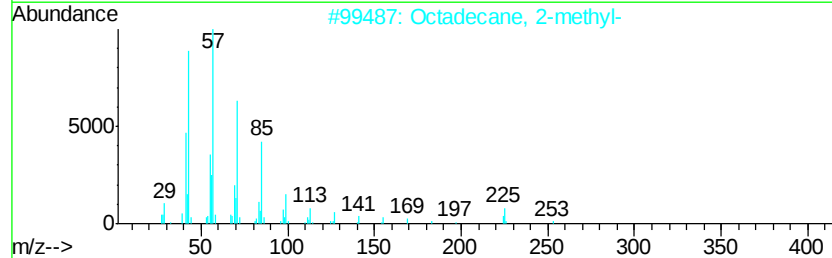
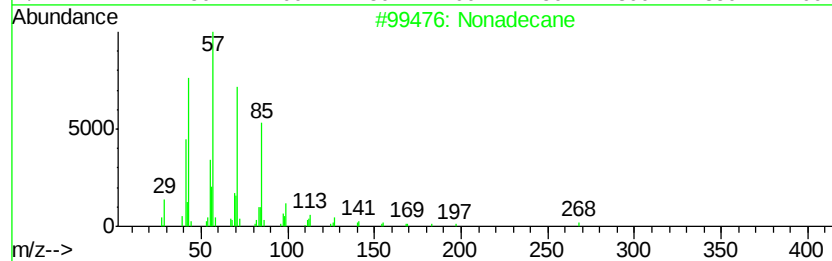
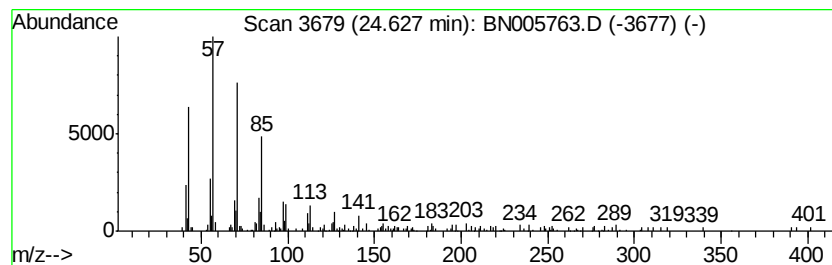
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	2.40 ng/ul	338837	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
5			Tetracosane	338	C24H50	000646-31-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005763.D
Acq On : 18 May 2019 21:04
Operator : JU/SJ
Sample : K2690-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5164

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	17.89	3.2	ng/ul	349051	4	16.97	2165730	20.0
9-Octadecenamide,...	20.33	4.7	ng/ul	613898	5	21.20	2638140	20.0
1-Hentetracontanol	20.92	2.0	ng/ul	270058	5	21.20	2638140	20.0
(DEL) Alkane: Str...	22.25	2.2	ng/ul	293818	5	21.20	2638140	20.0
(DEL) Alkane: Str...	22.74	2.2	ng/ul	316532	6	23.41	2822580	20.0
(DEL) Alkane: Str...	23.92	3.4	ng/ul	474457	6	23.41	2822580	20.0
(DEL) Alkane: Str...	24.63	2.4	ng/ul	338837	6	23.41	2822580	20.0