

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
 Data File : BN005797.D
 Acq On : 20 May 2019 13:56
 Operator : JU/SJ
 Sample : K2693-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE2

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	312175	632849	14.59%	1.726%
2	6.916	663	668	681	rVB	281824	468467	10.80%	1.277%
3	7.110	695	701	716	rVB	368658	660533	15.23%	1.801%
4	7.569	773	779	789	rVB	346511	601483	13.87%	1.640%
5	8.281	894	900	915	rBV	427692	816304	18.82%	2.226%
6	8.716	968	974	987	rVB	400764	724046	16.69%	1.974%
7	9.434	1090	1096	1109	rBV	343036	618920	14.27%	1.688%
8	9.975	1181	1188	1200	rBV	436088	866504	19.98%	2.363%
9	10.328	1241	1248	1256	rBV	544313	886145	20.43%	2.416%
10	10.481	1268	1274	1299	rVB	356933	869695	20.05%	2.372%
11	11.969	1523	1527	1537	rVB4	5240	13333	0.31%	0.036%
12	13.622	1802	1808	1813	rBV	1080200	1641133	37.84%	4.475%
13	13.675	1813	1817	1827	rVB	247664	409868	9.45%	1.118%
14	13.898	1848	1855	1870	rBV	1273481	1933408	44.58%	5.272%
15	14.210	1901	1908	1919	rBV2	854581	1337048	30.83%	3.646%
16	14.469	1946	1952	1976	rBV	134333	437056	10.08%	1.192%
17	14.980	2034	2039	2043	rBV3	12307	17548	0.40%	0.048%
18	15.210	2071	2078	2092	rBV	1578270	2423376	55.87%	6.608%
19	15.374	2100	2106	2117	rBV2	215603	409704	9.45%	1.117%
20	15.457	2117	2120	2129	rVB	20388	32178	0.74%	0.088%
21	15.945	2199	2203	2205	rBV	3867	4490	0.10%	0.012%
22	15.998	2208	2212	2214	rBV3	6223	6839	0.16%	0.019%
23	16.751	2336	2340	2341	rBV2	4161	4776	0.11%	0.013%
24	16.968	2370	2377	2387	rBV	1252446	1753870	40.44%	4.783%
25	17.068	2387	2394	2414	rVB	1784187	2789937	64.33%	7.608%
26	17.886	2528	2533	2549	rBV2	144976	295233	6.81%	0.805%
27	18.174	2579	2582	2589	rVB4	4496	7451	0.17%	0.020%
28	18.815	2689	2691	2695	rVB3	4102	4629	0.11%	0.013%
29	19.027	2721	2727	2730	rBV	17469	32903	0.76%	0.090%
30	19.186	2748	2754	2766	rBV2	69500	152891	3.53%	0.417%
31	19.274	2766	2769	2775	rVB	17907	28421	0.66%	0.078%
32	19.386	2782	2788	2797	rBV	2375843	3475876	80.14%	9.479%
33	19.909	2875	2877	2880	rBV4	2885	4591	0.11%	0.013%
34	19.957	2881	2885	2890	rVV2	17309	25713	0.59%	0.070%

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35	20.015	2893	2895	2899	rVB4	3992	4613	0.11%	0.013%
36	20.462	2967	2971	2975	rBV3	39569	48334	1.11%	0.132%
37	20.574	2984	2990	2993	rBV6	4974	9312	0.21%	0.025%
38	20.909	3042	3047	3048	rBV5	6668	9000	0.21%	0.025%
39	20.939	3048	3052	3063	rBV	160553	328840	7.58%	0.897%
40	21.227	3095	3101	3116	rBV	1523472	2251816	51.92%	6.141%
41	21.398	3126	3130	3134	rBV	157165	175125	4.04%	0.478%
42	21.839	3200	3205	3209	rBV	275153	313016	7.22%	0.854%
43	22.298	3278	3283	3290	rBV	407275	508932	11.73%	1.388%
44	22.421	3301	3304	3308	rVB3	28569	35278	0.81%	0.096%
45	22.798	3363	3368	3377	rVB	452643	630662	14.54%	1.720%
46	23.321	3449	3457	3469	rBV2	2005032	4337196	100.00%	11.827%
47	23.462	3473	3481	3492	rVV	1082991	2198090	50.68%	5.994%
48	23.980	3563	3569	3576	rVB	343008	620783	14.31%	1.693%
49	24.697	3685	3691	3699	rVB	211001	430900	9.93%	1.175%
50	25.544	3828	3835	3845	rVB2	98733	243564	5.62%	0.664%
51	26.521	3996	4001	4009	rVB4	55085	138248	3.19%	0.377%

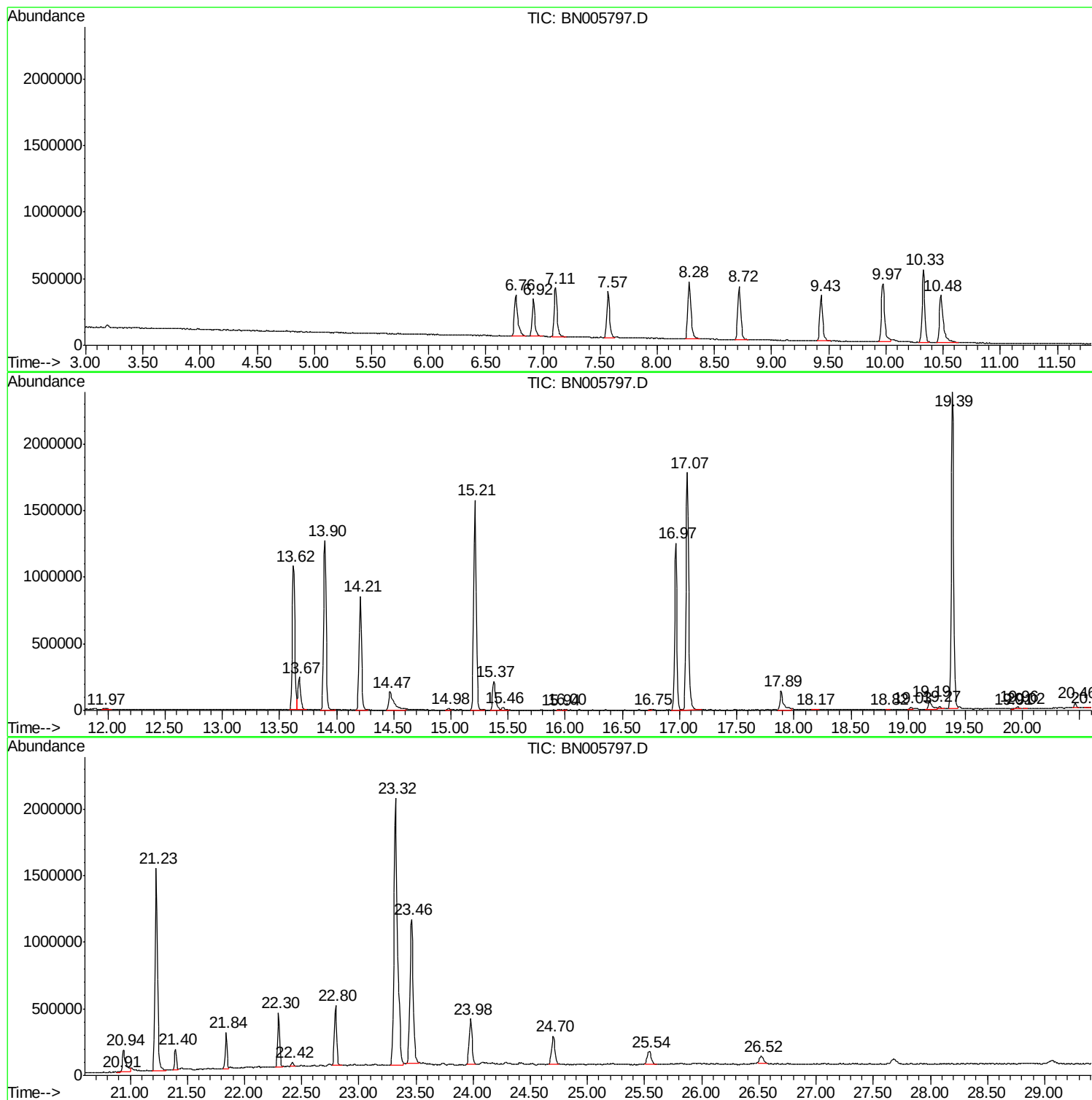
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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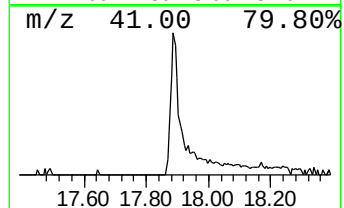
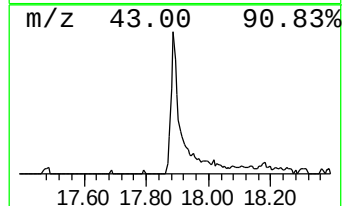
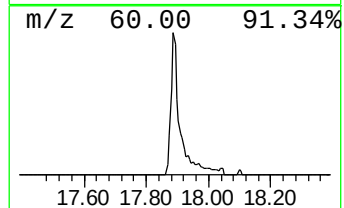
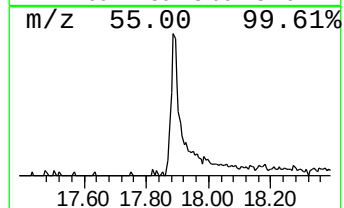
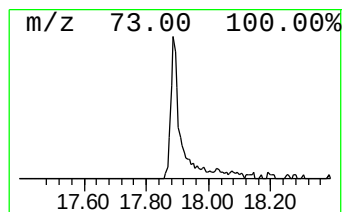
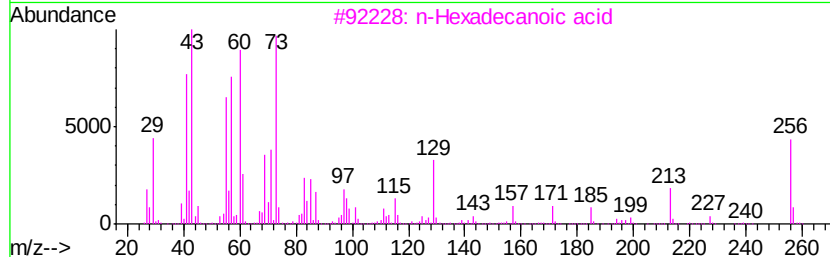
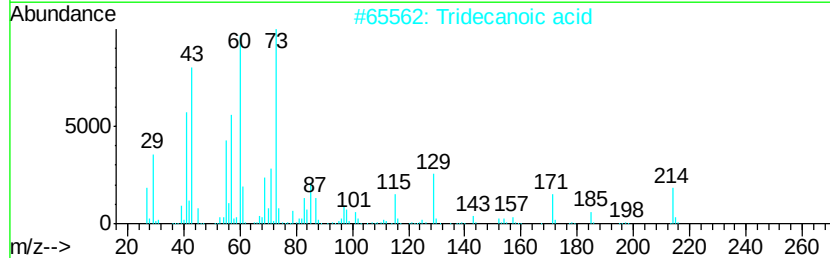
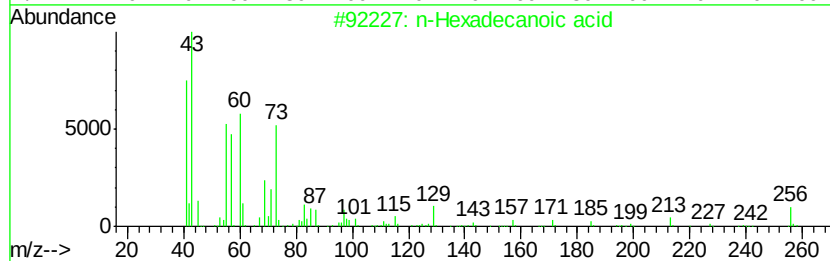
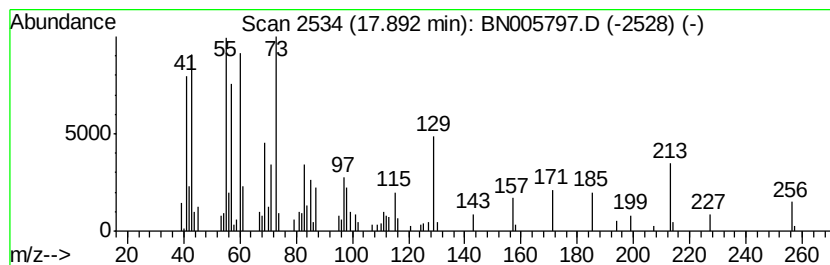
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.37 ng/ul	295233	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68



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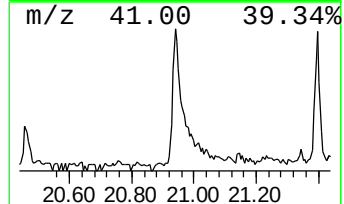
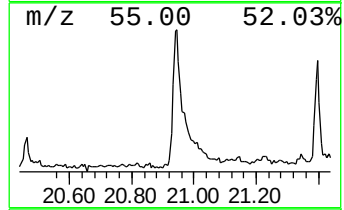
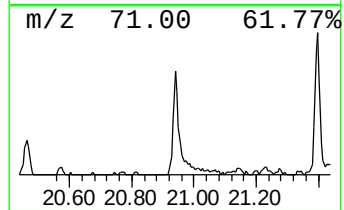
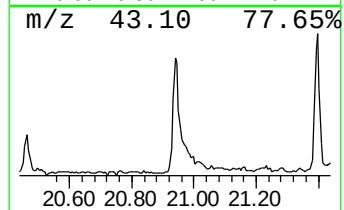
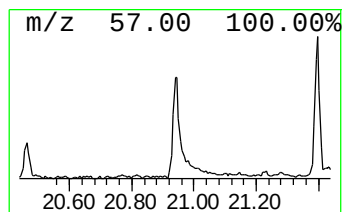
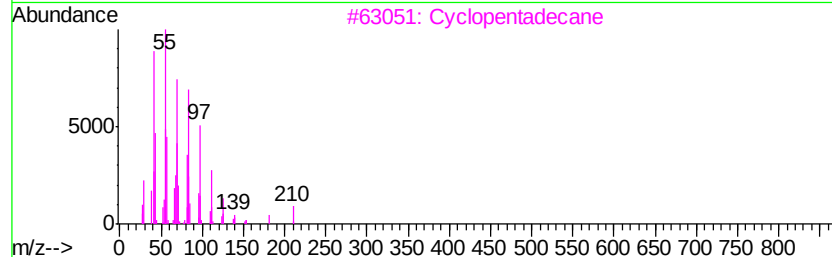
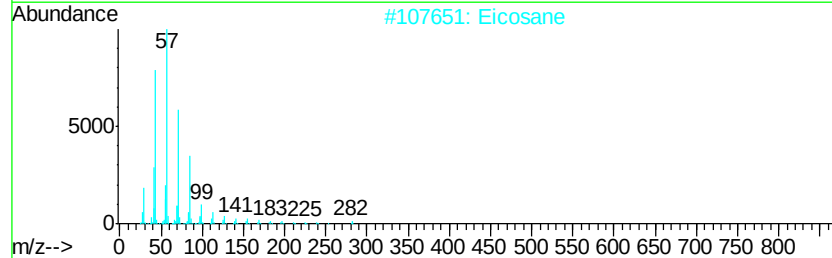
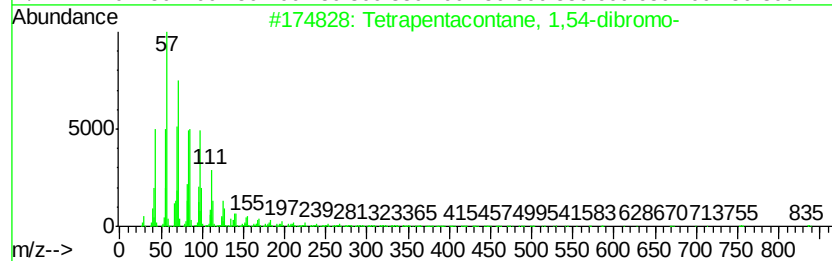
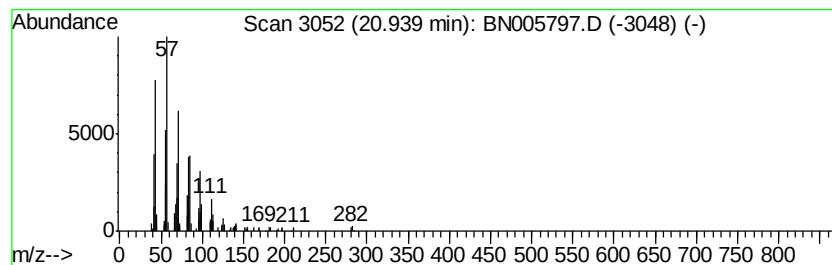
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetrapentacontane, 1,54-dib... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.92 ng/ul	328840	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Cyclopentadecane	210	C15H30	000295-48-7	90
4		17-Pentatriacontene	491	C35H70	006971-40-0	64
5		Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	58



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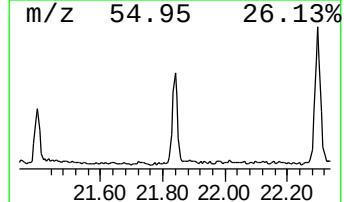
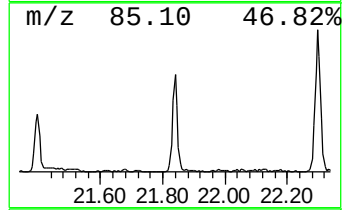
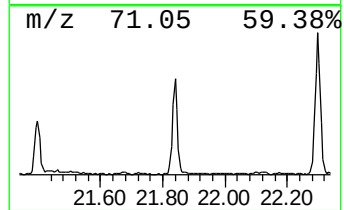
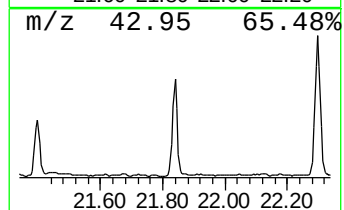
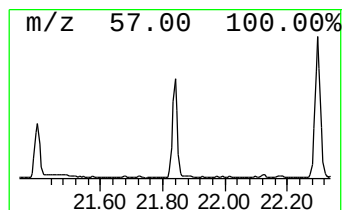
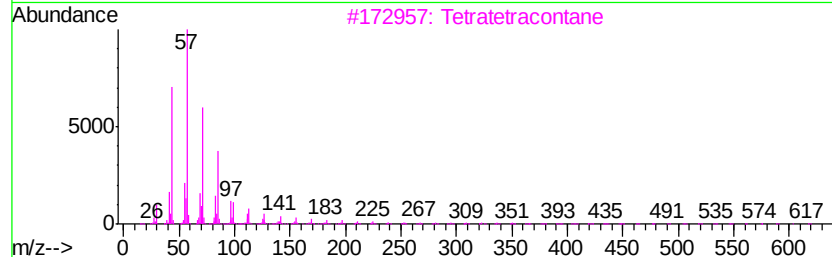
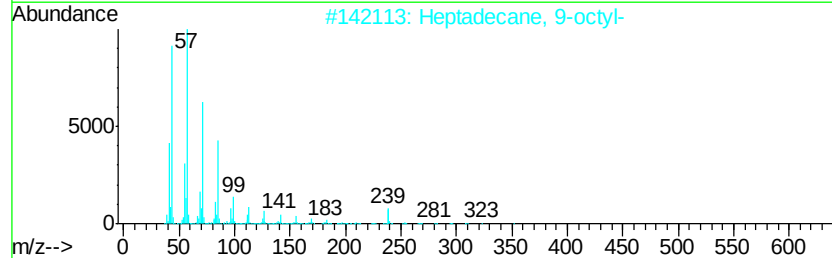
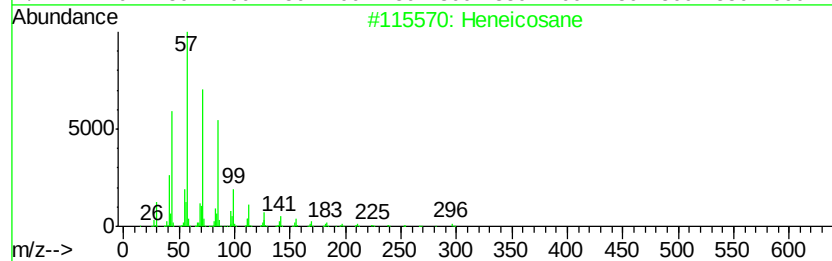
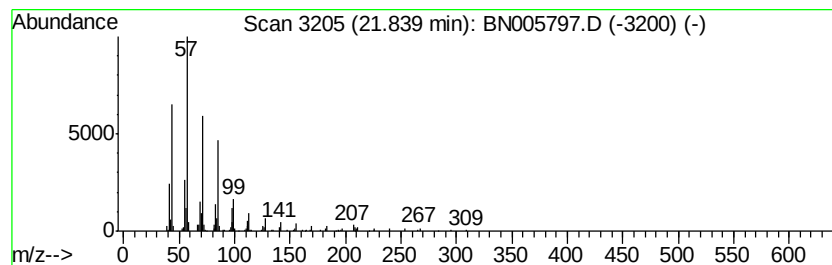
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.78 ng/ul	313016	Chrysene-d12	21.23

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		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heptacosane	380	C27H56	000593-49-7	91



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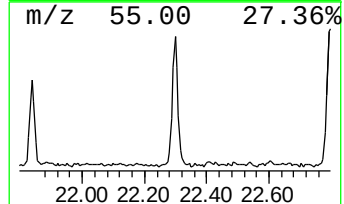
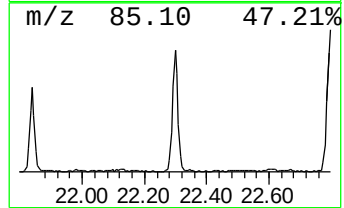
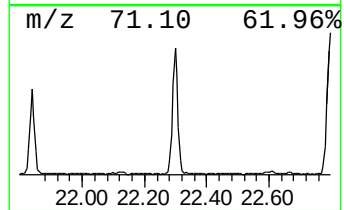
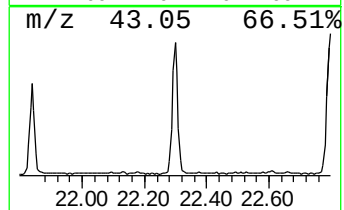
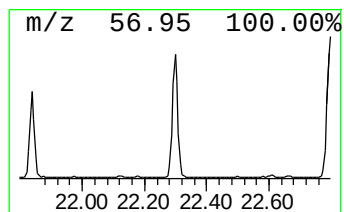
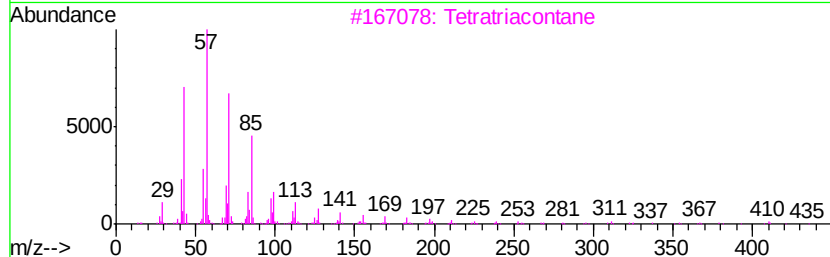
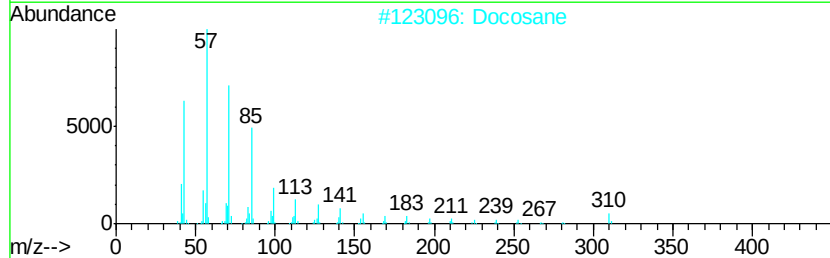
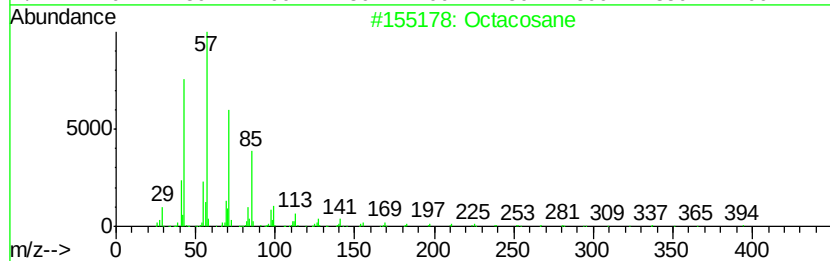
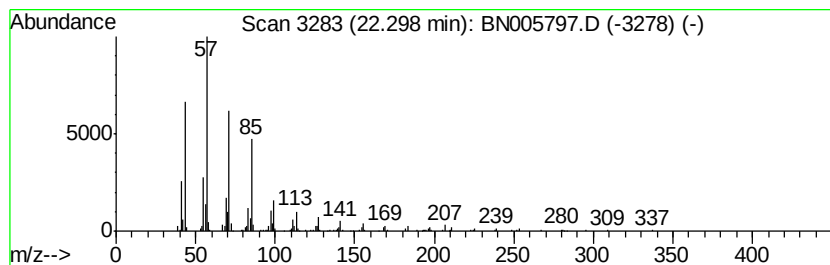
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.52 ng/ul	508932	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Docosane	310	C22H46	000629-97-0	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Octacosane	394	C28H58	000630-02-4	91



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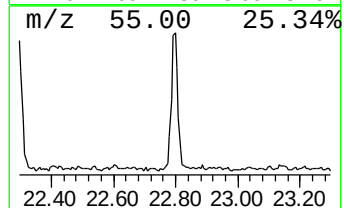
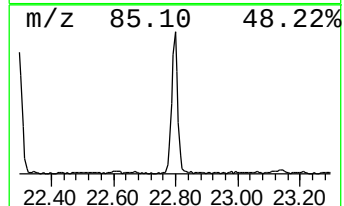
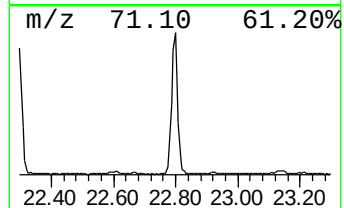
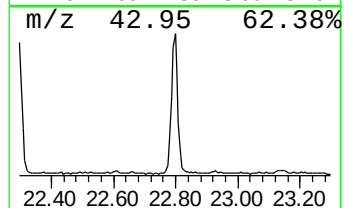
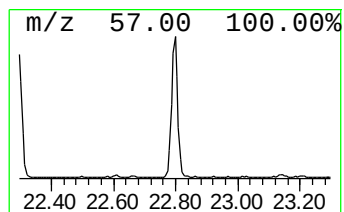
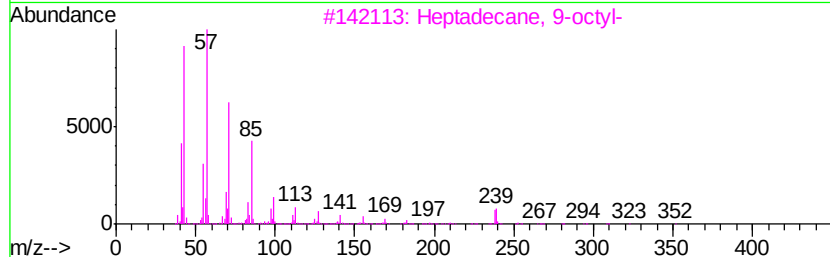
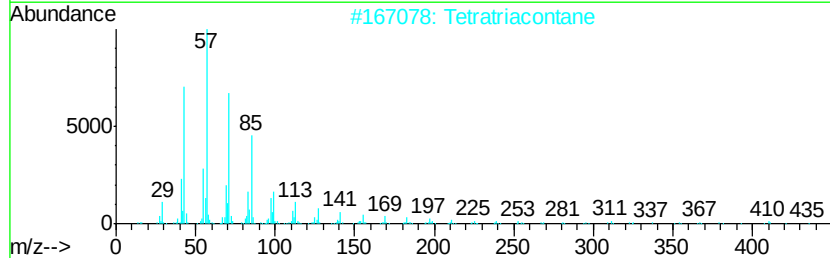
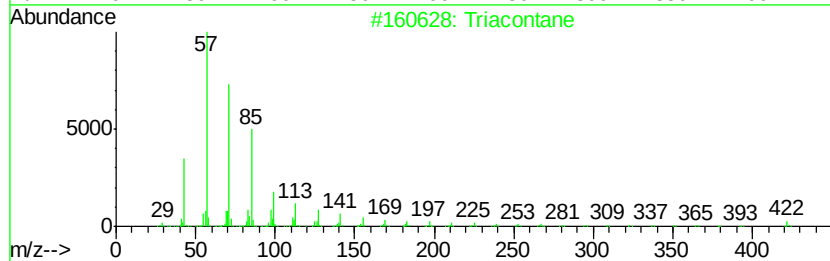
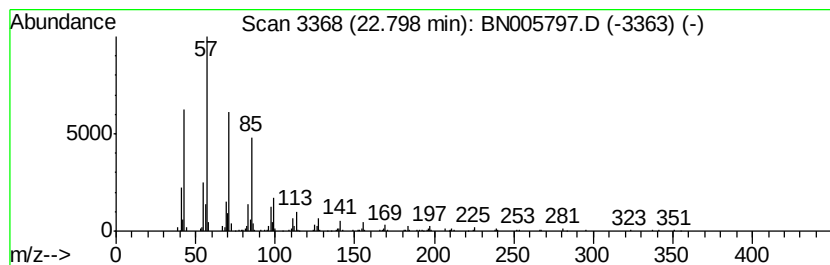
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	5.74 ng/ul	630662	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005797.D
Acq On : 20 May 2019 13:56
Operator : JU/SJ
Sample : K2693-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE2

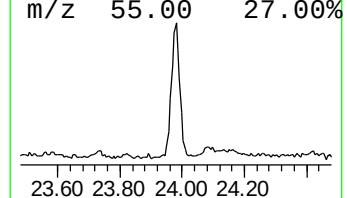
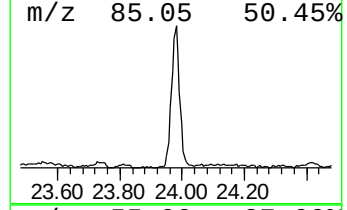
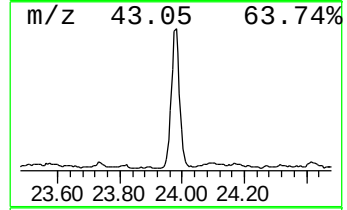
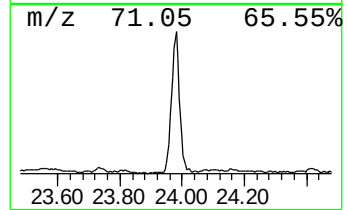
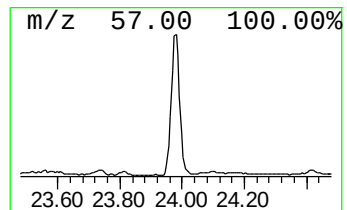
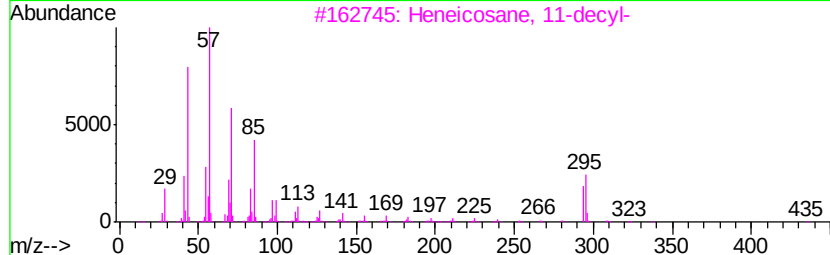
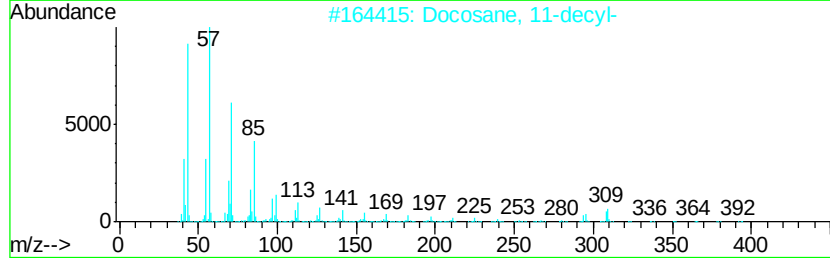
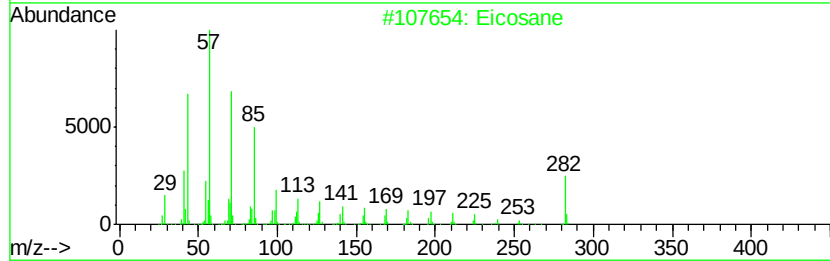
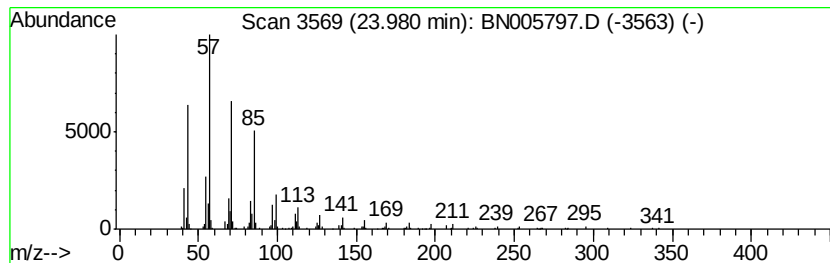
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Quant Title : SVOA CALIBRATION

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.
23.98	5.65 ng/ul	620783	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005797.D
Acq On : 20 May 2019 13:56
Operator : JU/SJ
Sample : K2693-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE2

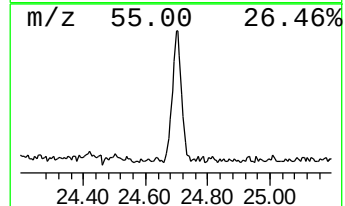
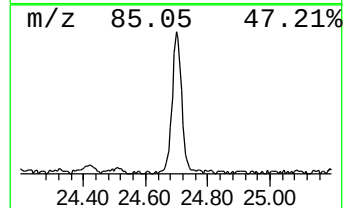
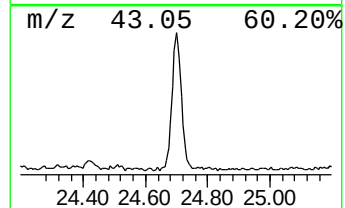
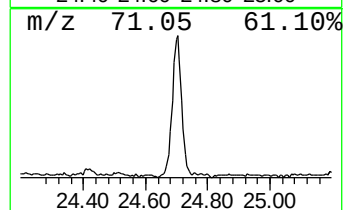
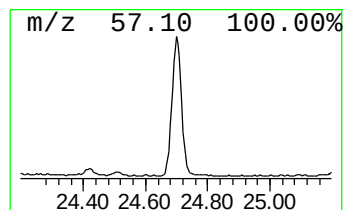
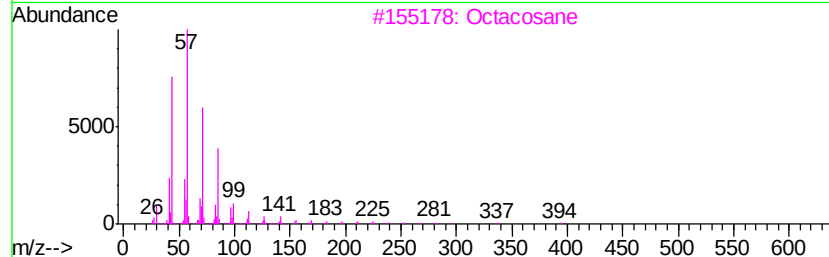
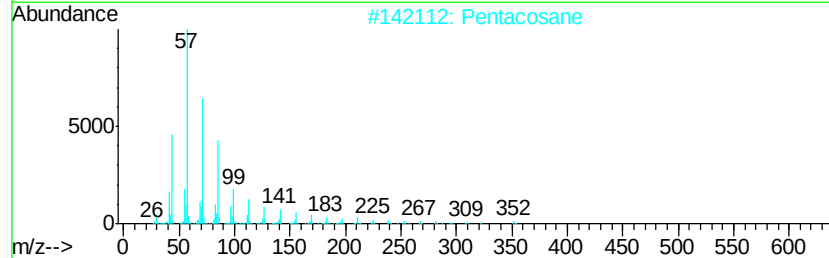
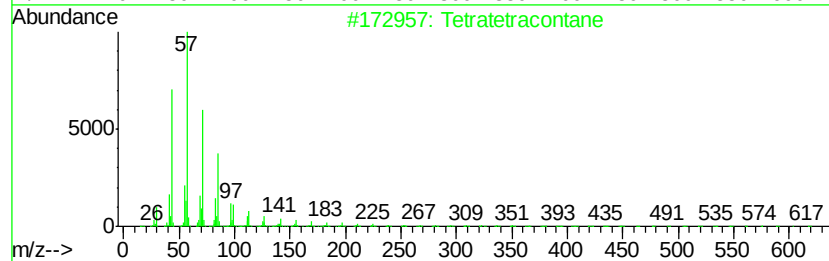
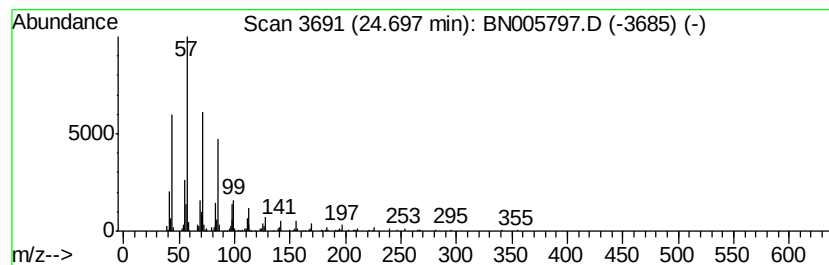
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	3.92 ng/ul	430900	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	94
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005797.D
Acq On : 20 May 2019 13:56
Operator : JU/SJ
Sample : K2693-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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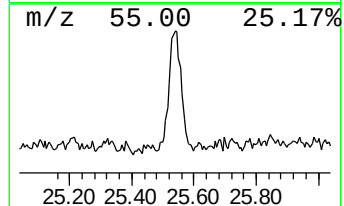
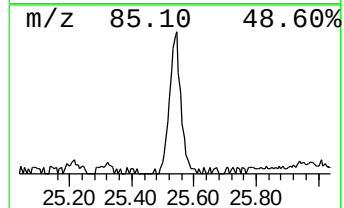
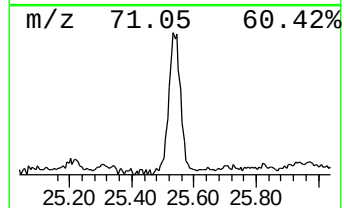
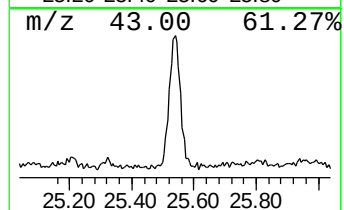
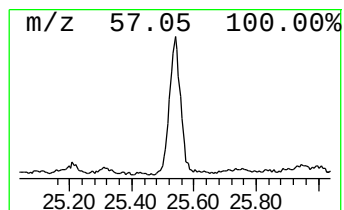
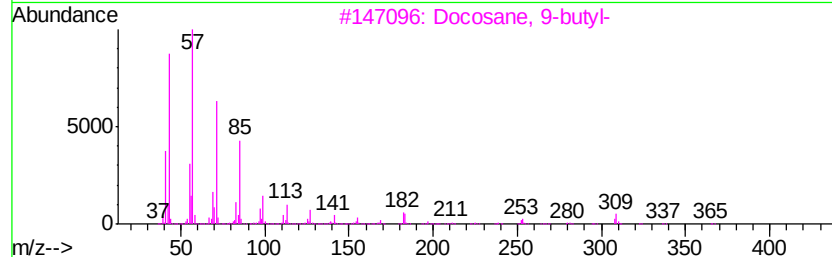
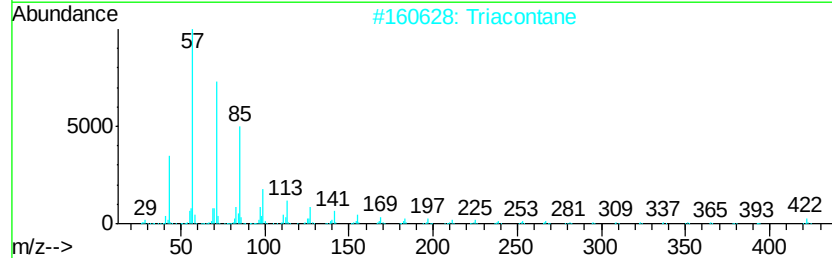
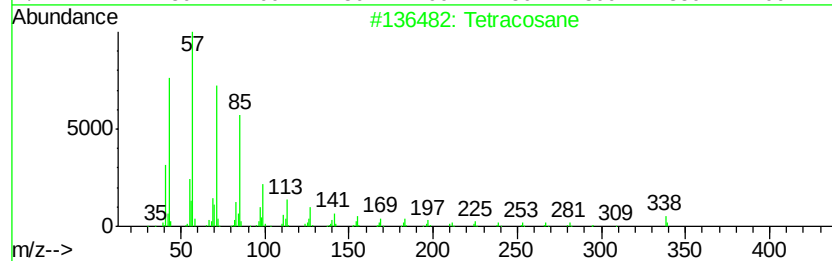
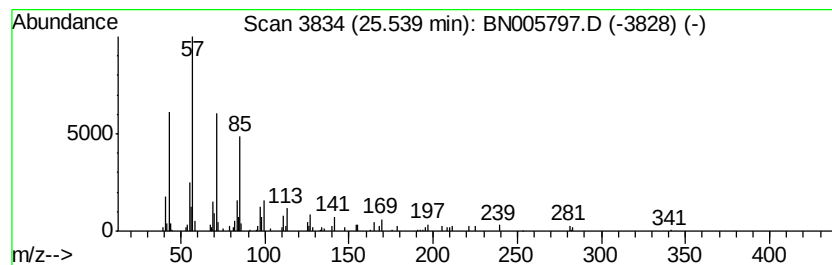
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	2.22 ng/ul	243564	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		triacontane	422	C30H62	000638-68-6	90
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005797.D
Acq On : 20 May 2019 13:56
Operator : JU/SJ
Sample : K2693-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE2

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	3.4	ng/ul	295233	4	16.97	1753870	20.0
Tetrapentacontane...	20.94	2.9	ng/ul	328840	5	21.23	2251820	20.0
(DEL) Alkane: Str...	21.84	2.8	ng/ul	313016	5	21.23	2251820	20.0
(DEL) Alkane: Str...	22.30	4.5	ng/ul	508932	5	21.23	2251820	20.0
(DEL) Alkane: Str...	22.80	5.7	ng/ul	630662	6	23.46	2198090	20.0
(DEL) Alkane: Str...	23.98	5.7	ng/ul	620783	6	23.46	2198090	20.0
(DEL) Alkane: Str...	24.70	3.9	ng/ul	430900	6	23.46	2198090	20.0
(DEL) Alkane: Str...	25.54	2.2	ng/ul	243564	6	23.46	2198090	20.0