

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010443.D
 Acq On : 09 Apr 2020 00:17
 Operator : CG/JU
 Sample : L2155-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFB3

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-BN040120MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN010444.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.887	13	17	26	rBV	154195	334134	1.59%	0.167%
2	2.964	26	30	45	rVB	448824	799538	3.81%	0.400%
3	3.211	68	72	86	rVB	113240	202247	0.96%	0.101%
4	3.917	188	192	194	rBV3	19474	26119	0.12%	0.013%
5	6.799	674	682	691	rBV	2857836	4590003	21.87%	2.295%
6	6.952	702	708	720	rBV	2334039	3620295	17.25%	1.810%
7	7.152	735	742	754	rVB	3302021	5198086	24.77%	2.599%
8	7.611	812	820	827	rBV	2062242	3241504	15.45%	1.621%
9	7.687	827	833	838	rVB4	24079	40963	0.20%	0.020%
10	8.316	932	940	951	rBV	3459294	5651507	26.93%	2.826%
11	8.746	1004	1013	1022	rBV	2975261	4757131	22.67%	2.379%
12	8.928	1040	1044	1050	rVB8	19018	32175	0.15%	0.016%
13	9.228	1086	1095	1099	rVB	47738	71367	0.34%	0.036%
14	9.463	1127	1135	1144	rBV	2548319	4163466	19.84%	2.082%
15	9.999	1218	1226	1238	rBV	4355011	7157509	34.11%	3.579%
16	10.369	1282	1289	1300	rBV	3009051	4760389	22.69%	2.380%
17	10.505	1303	1312	1330	rBV	3001513	4969345	23.68%	2.485%
18	11.181	1423	1427	1432	rBV6	10464	21170	0.10%	0.011%
19	11.281	1439	1444	1448	rBV6	12549	26002	0.12%	0.013%
20	11.963	1555	1560	1565	rVB2	75616	123417	0.59%	0.062%
21	13.152	1756	1762	1767	rVV4	31767	58278	0.28%	0.029%
22	13.199	1767	1770	1777	rVB5	13437	24462	0.12%	0.012%
23	13.651	1841	1847	1852	rBV	7396687	10184004	48.53%	5.092%
24	13.699	1852	1855	1862	rVB	2136262	2743104	13.07%	1.372%
25	13.928	1886	1894	1904	rBV	8964049	13164412	62.74%	6.582%
26	14.169	1929	1935	1939	rBV6	18833	28858	0.14%	0.014%
27	14.240	1939	1947	1954	rBV	4545768	6734897	32.10%	3.368%
28	14.446	1973	1982	1993	rBV	2874832	4307187	20.53%	2.154%
29	14.681	2015	2022	2028	rVB7	20608	40546	0.19%	0.020%
30	15.075	2082	2089	2094	rVV4	22784	38260	0.18%	0.019%
31	15.128	2094	2098	2102	rVB6	18788	23612	0.11%	0.012%
32	15.234	2109	2116	2124	rBV	11005665	16246352	77.42%	8.123%
33	15.287	2124	2125	2131	rVV4	17804	23076	0.11%	0.012%
34	15.357	2131	2137	2148	rVV	1717104	2420067	11.53%	1.210%

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35	15.475	2152	2157	2164	rVB2	137862	202069	0.96%	0.101%
36	16.022	2246	2250	2256	rVB4	54612	85206	0.41%	0.043%
37	16.416	2313	2317	2321	rBV6	18636	27163	0.13%	0.014%
38	16.669	2356	2360	2365	rVB6	27279	36544	0.17%	0.018%
39	16.769	2371	2377	2388	rBV2	32779	78223	0.37%	0.039%
40	16.916	2397	2402	2406	rBV7	18342	36135	0.17%	0.018%
41	16.987	2407	2414	2423	rVV	5923127	8340572	39.75%	4.170%
42	17.087	2424	2431	2440	rVV	12103655	17485186	83.33%	8.743%
43	17.228	2449	2455	2464	rBV	362907	644200	3.07%	0.322%
44	17.381	2479	2481	2488	rVB8	15572	28462	0.14%	0.014%
45	17.910	2565	2571	2578	rBV2	584784	924301	4.40%	0.462%
46	18.210	2617	2622	2627	rBV2	123700	195123	0.93%	0.098%
47	18.557	2677	2681	2683	rBV4	19832	32361	0.15%	0.016%
48	19.016	2755	2759	2763	rBV	163458	215424	1.03%	0.108%
49	19.110	2772	2775	2778	rVB4	51446	58004	0.28%	0.029%
50	19.198	2786	2790	2793	rBV4	85838	131440	0.63%	0.066%
51	19.269	2798	2802	2807	rVB	141601	214685	1.02%	0.107%
52	19.386	2812	2822	2829	rBV2	15129996	20983976	100.00%	10.492%
53	19.933	2912	2915	2917	rVB3	70336	77098	0.37%	0.039%
54	20.922	3079	3083	3091	rBV	3130331	3794217	18.08%	1.897%
55	21.128	3114	3118	3122	rBV	875738	1018504	4.85%	0.509%
56	21.186	3123	3128	3133	rVV	7303576	9036540	43.06%	4.518%
57	21.375	3156	3160	3164	rBV	431998	538281	2.57%	0.269%
58	21.804	3229	3233	3241	rVB3	777094	1179578	5.62%	0.590%
59	22.251	3306	3309	3313	rVB2	814256	909781	4.34%	0.455%
60	22.745	3389	3393	3397	rVB	979839	1269175	6.05%	0.635%
61	23.227	3468	3475	3481	rBV	9455273	16365847	77.99%	8.183%
62	23.292	3482	3486	3491	rVV	944269	1464067	6.98%	0.732%
63	23.363	3492	3498	3506	rVB	4272737	7558009	36.02%	3.779%
64	23.916	3588	3592	3598	rVB	754563	1241922	5.92%	0.621%

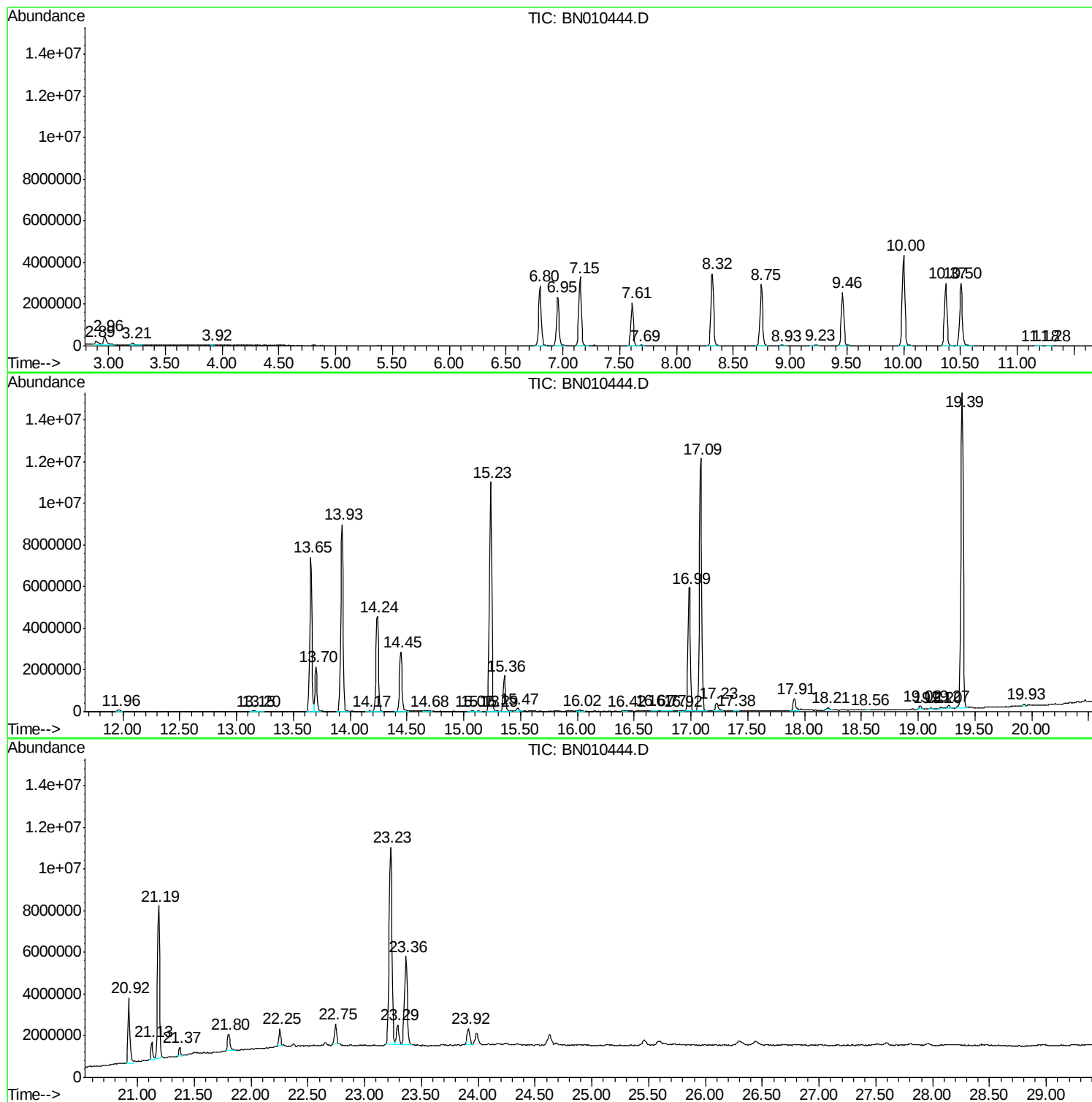
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Quant Title : SVOA CALIBRATION

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



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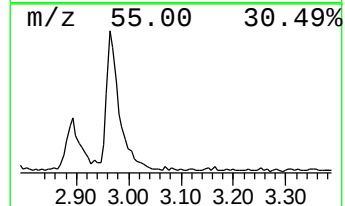
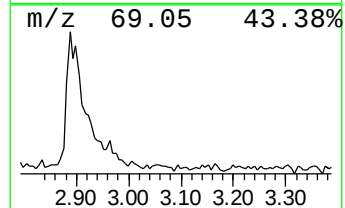
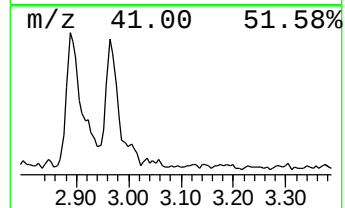
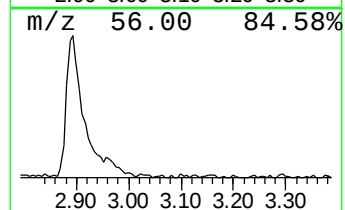
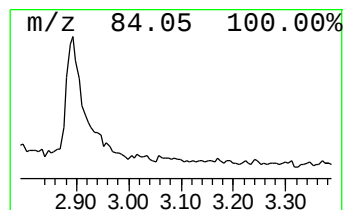
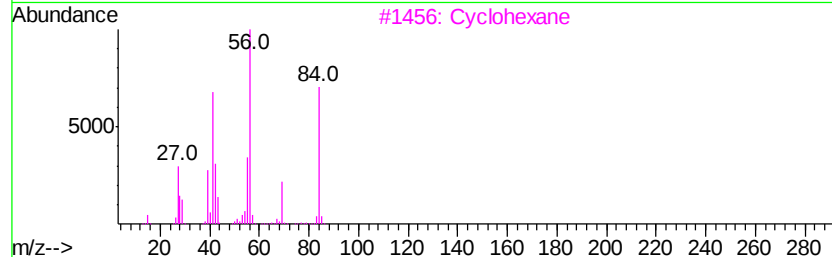
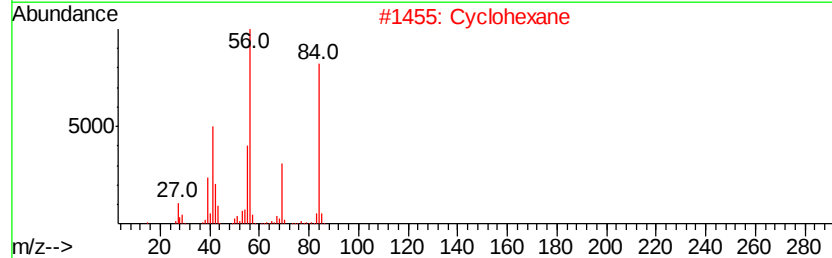
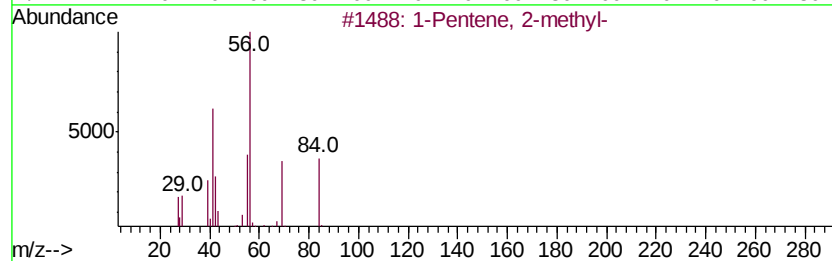
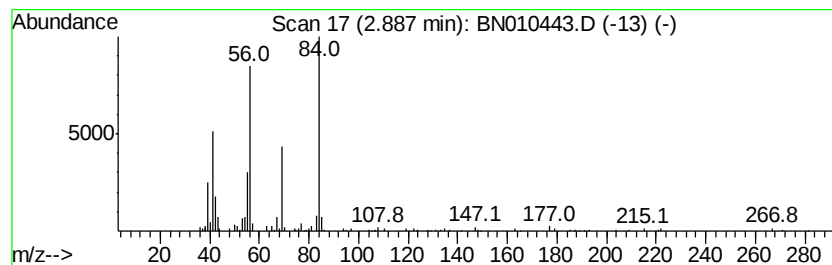
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BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.89	2.06 ng/ul	334134	1,4-Dichlorobenzene-d4	7.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-		84	C6H12	000763-29-1	87
2	Cyclohexane		84	C6H12	000110-82-7	87
3	Cyclohexane		84	C6H12	000110-82-7	87
4	Cyclohexane		84	C6H12	000110-82-7	86
5	Cyclohexane		84	C6H12	000110-82-7	78



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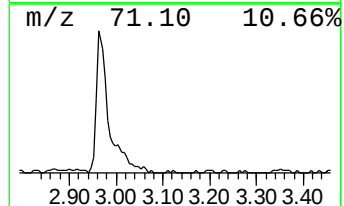
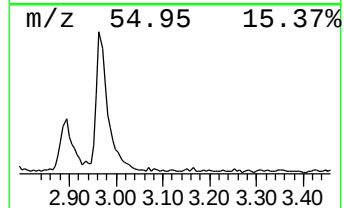
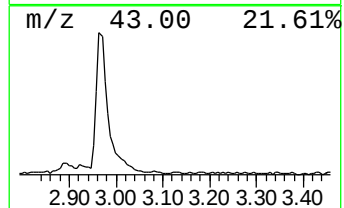
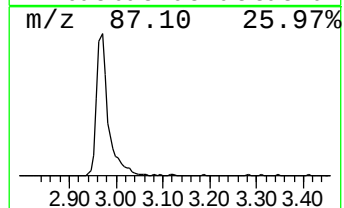
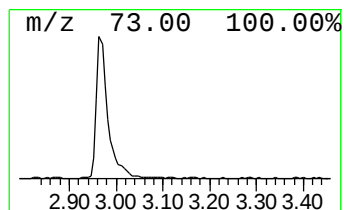
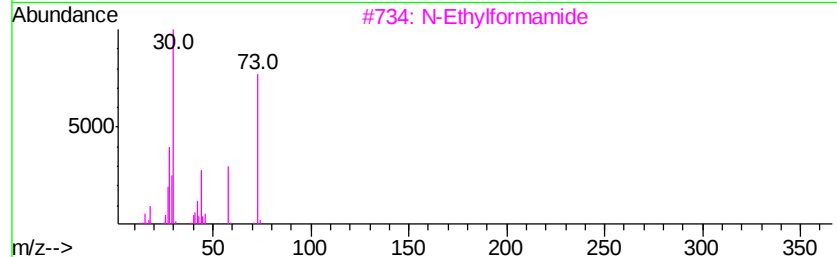
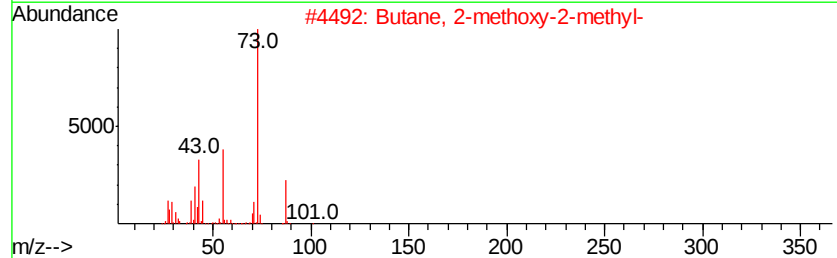
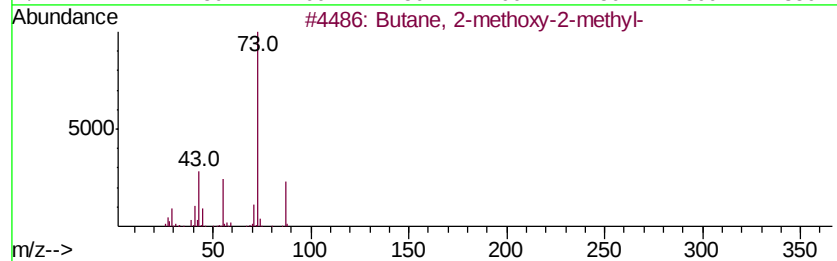
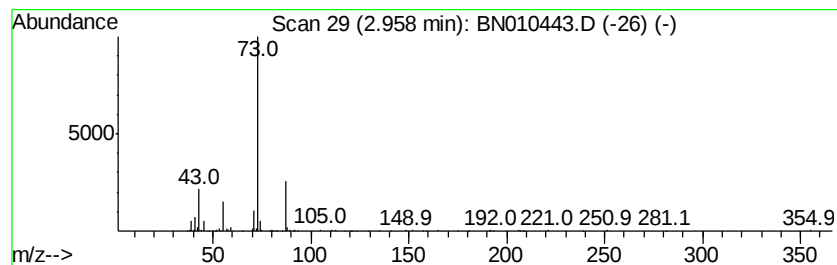
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	4.93 ng/ul	799538	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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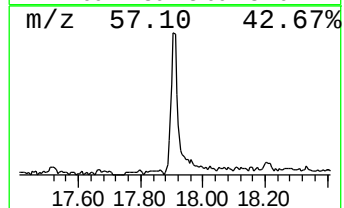
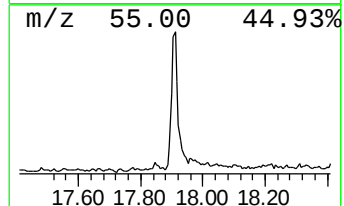
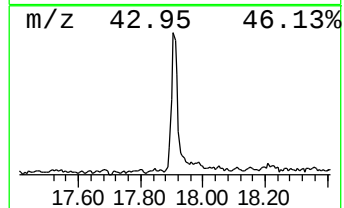
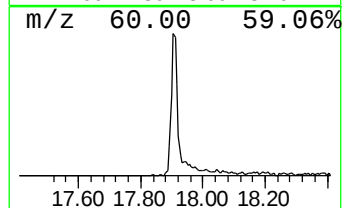
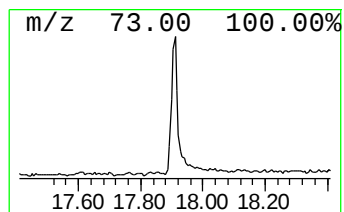
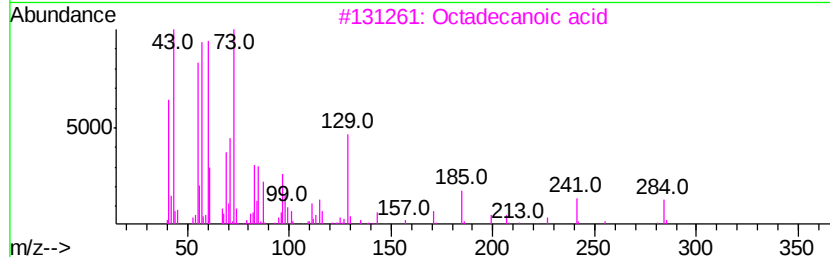
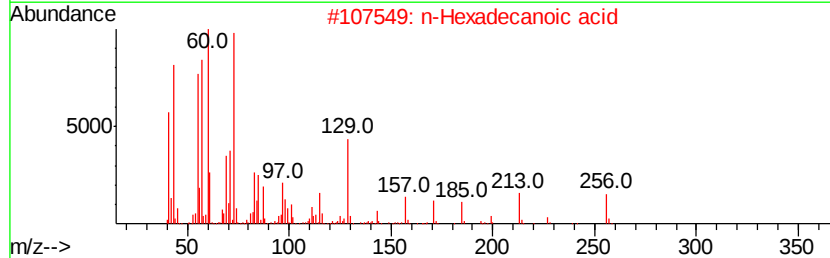
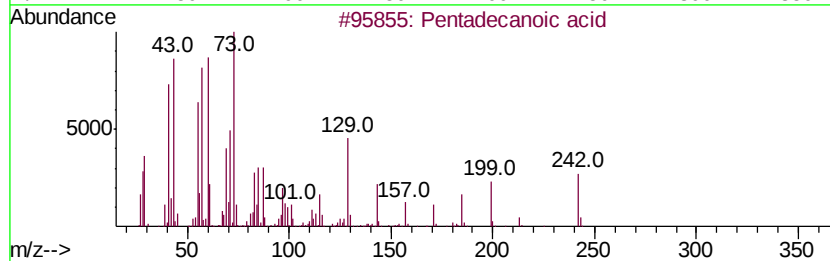
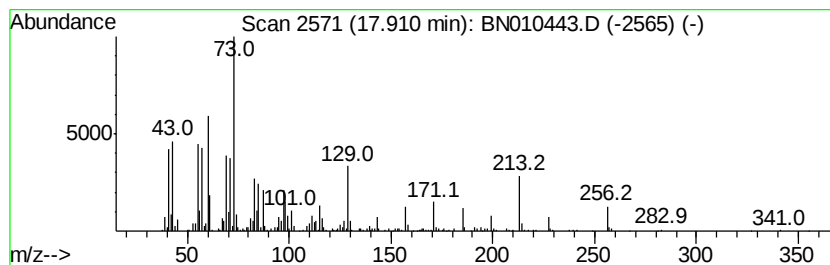
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.91	2.22 ng/ul	924301	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			Octadecanoic acid	284	C18H36O2	000057-11-4	58
4			Dodecanoic acid	200	C12H24O2	000143-07-7	47
5			Dodecanoic acid	200	C12H24O2	000143-07-7	43



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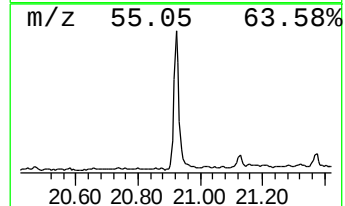
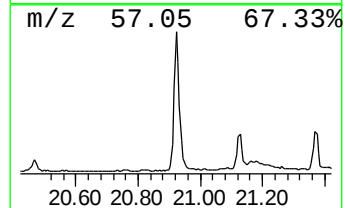
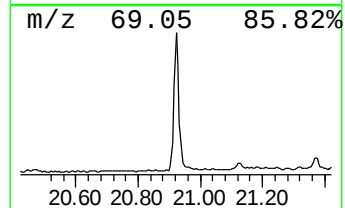
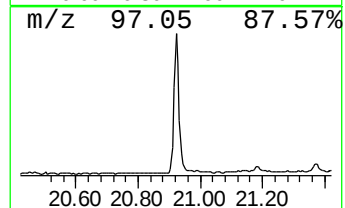
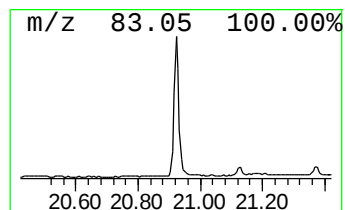
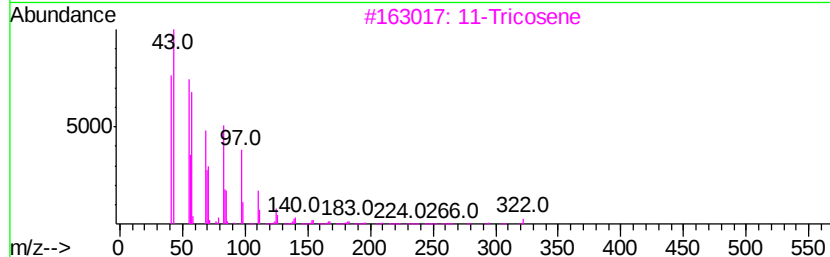
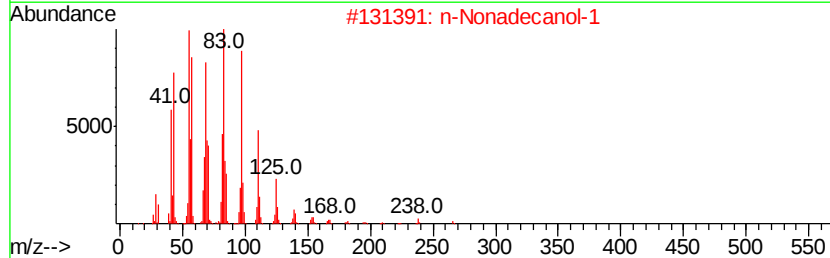
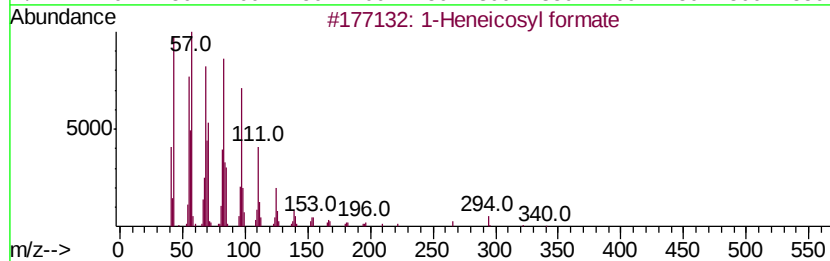
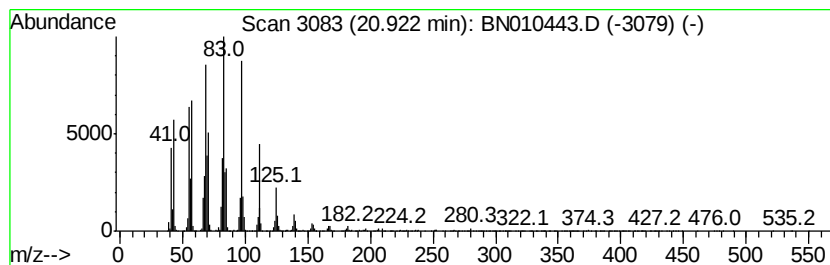
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	8.40 ng/ul	3794220	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3		11-Tricosene	322	C23H46	052078-56-5	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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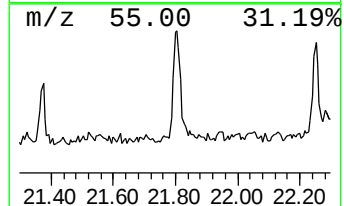
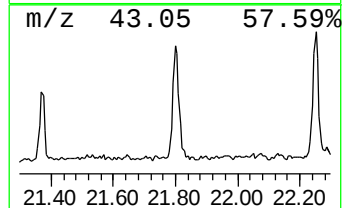
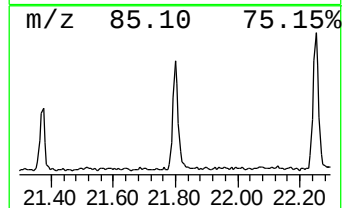
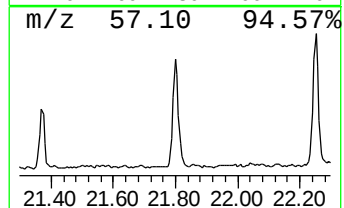
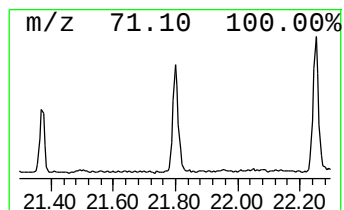
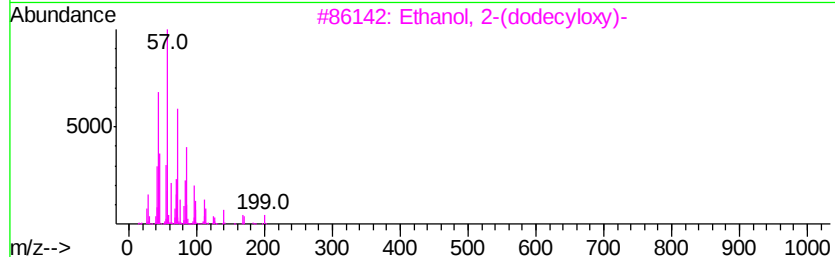
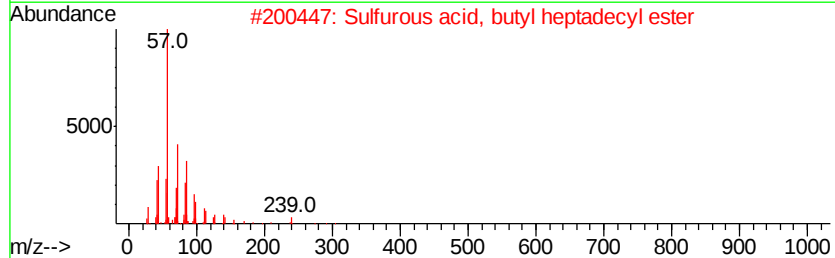
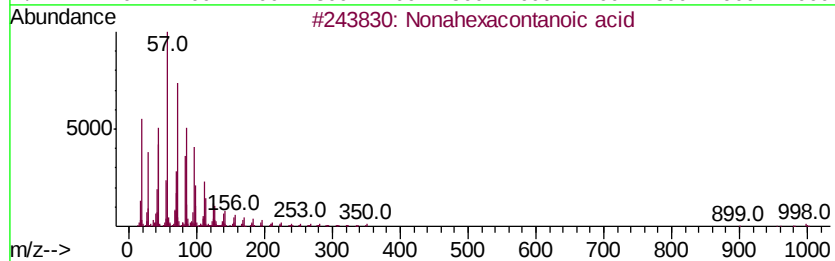
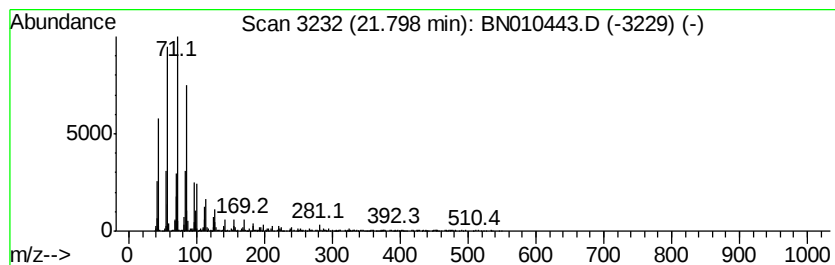
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Nonaheptacontanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.61 ng/ul	1179580	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	91
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3		Ethanol, 2-(dodecylloxy)-	230	C14H30O2	004536-30-5	91
4		Nonadecane	268	C19H40	000629-92-5	78
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010443.D
Acq On : 09 Apr 2020 00:17
Operator : CG/JU
Sample : L2155-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

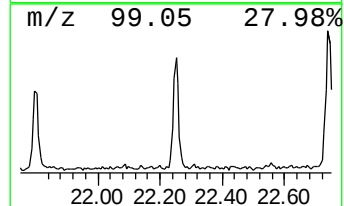
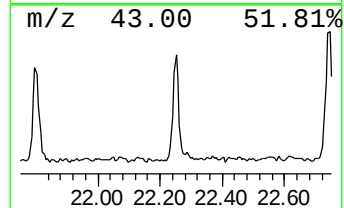
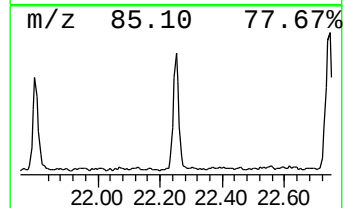
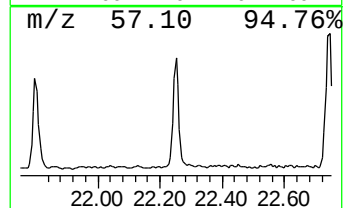
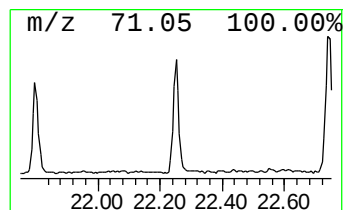
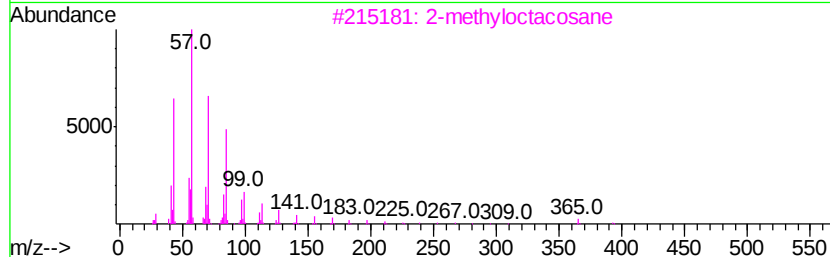
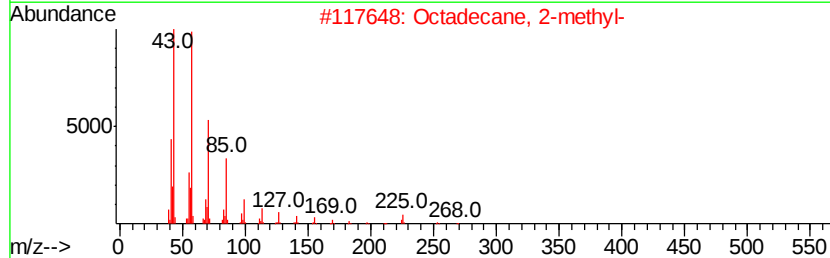
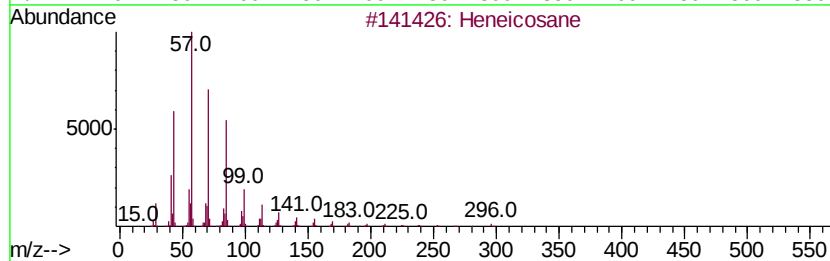
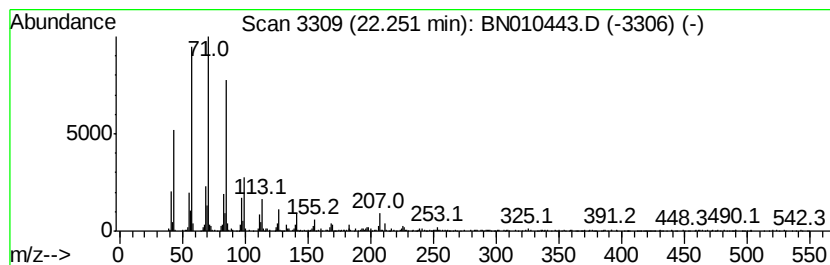
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.01 ng/ul	909781	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 86
2		Octadecane, 2-methyl-	268 C19H40	001560-88-9 86
3		2-methyl-octacosane	408 C29H60	1000376-72-8 86
4		Octacosane	394 C28H58	000630-02-4 80
5		Dodecane, 4-methyl-	184 C13H28	006117-97-1 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010443.D
Acq On : 09 Apr 2020 00:17
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Sample : L2155-16
Misc :
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Instrument :
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ClientSampleId :
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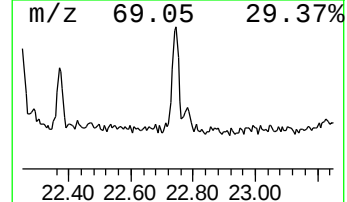
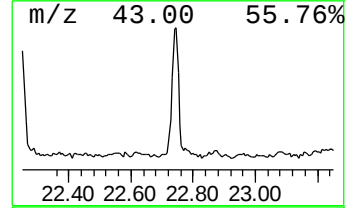
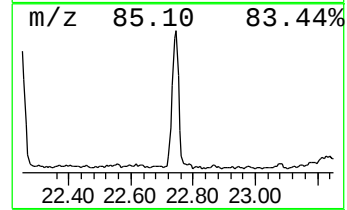
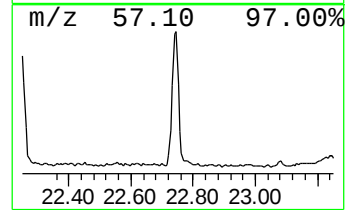
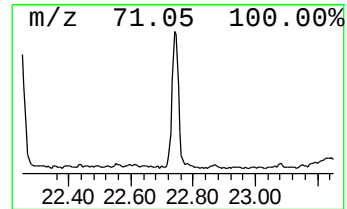
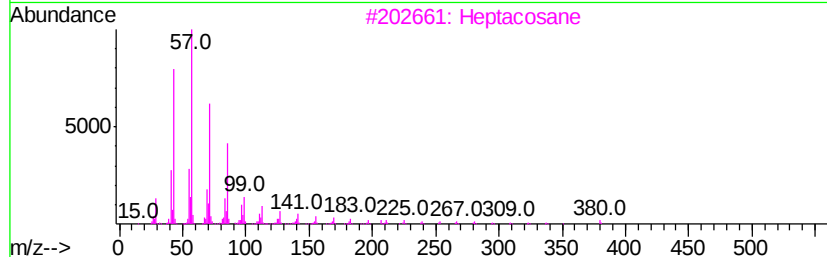
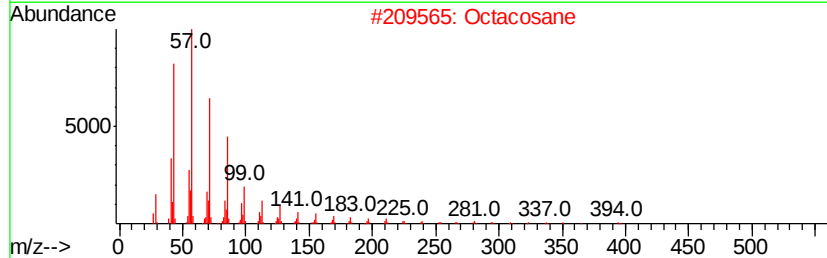
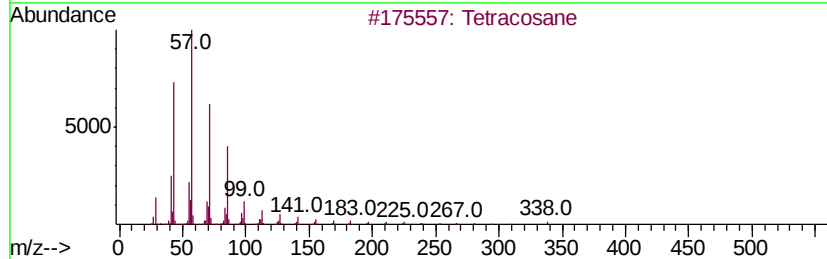
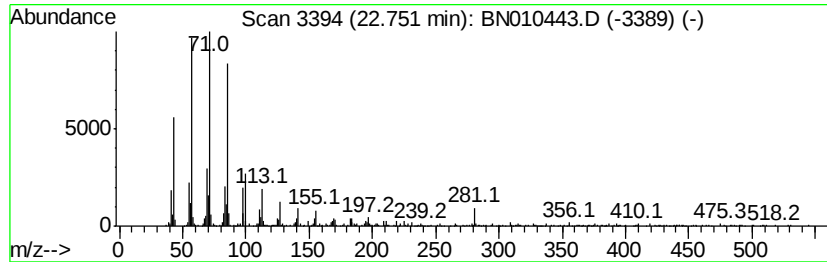
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.36 ng/ul	1269180	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010443.D
Acq On : 09 Apr 2020 00:17
Operator : CG/JU
Sample : L2155-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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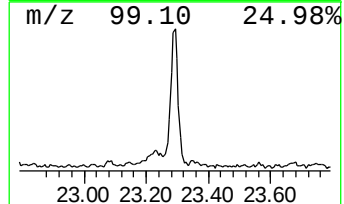
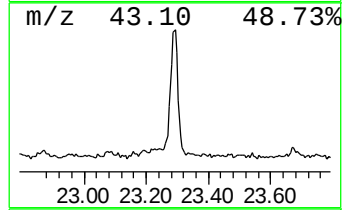
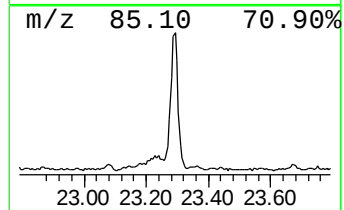
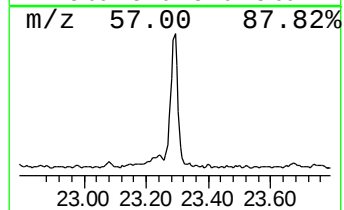
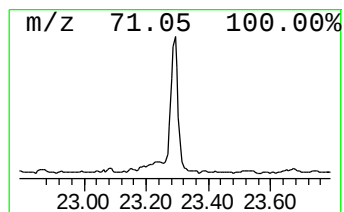
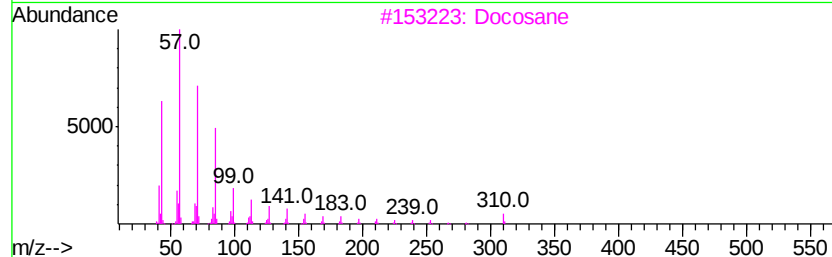
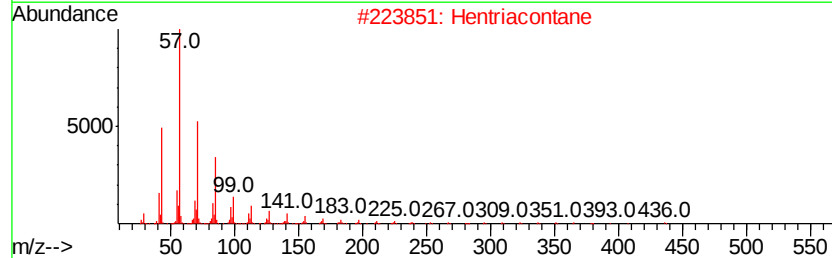
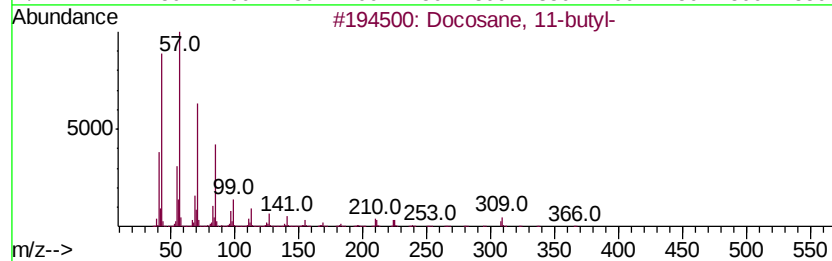
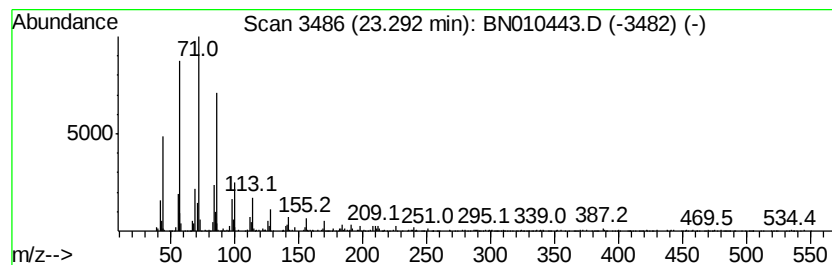
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.87 ng/ul	1464070	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Docosane	310	C22H46	000629-97-0	83
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010443.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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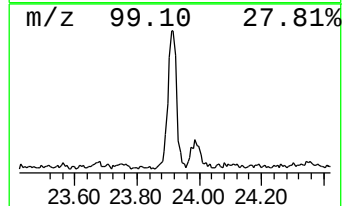
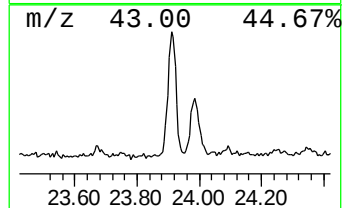
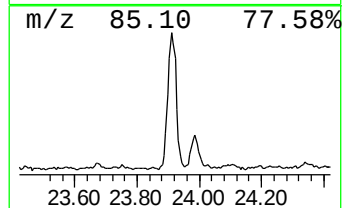
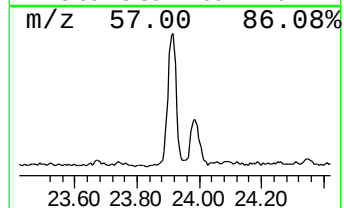
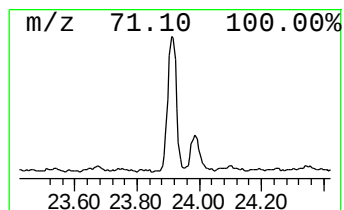
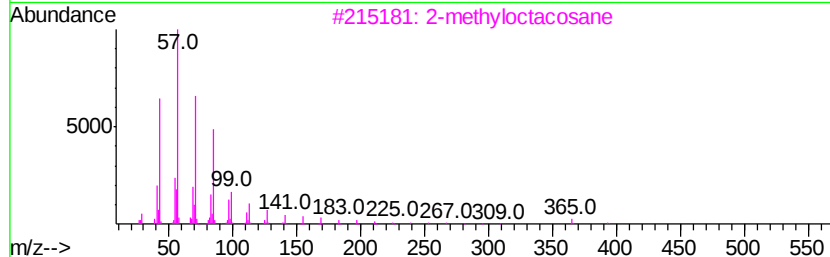
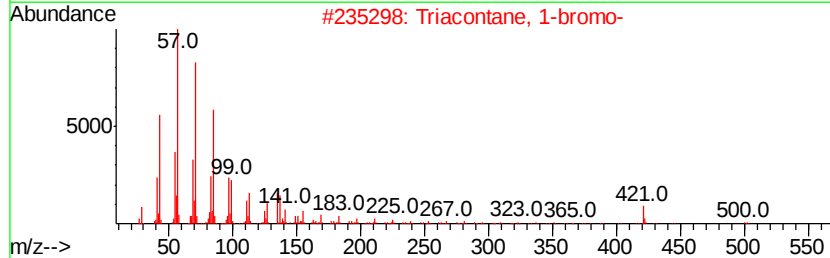
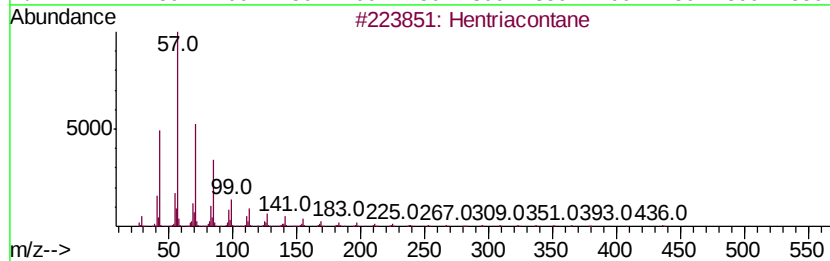
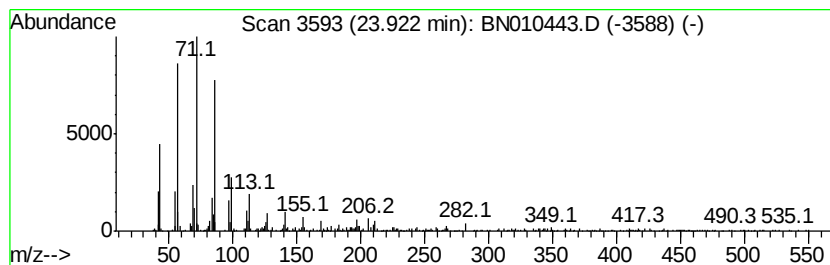
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.29 ng/ul	1241920	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	96
2		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040820\
Data File : BN010443.D
Acq On : 09 Apr 2020 00:17
Operator : CG/JU
Sample : L2155-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFB3

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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
1-Pentene, 2-methyl-	2.89	2.1	ng/ul	334134	1	7.61	3241500	20.0
Butane, 2-methoxy...	2.96	4.9	ng/ul	799538	1	7.61	3241500	20.0
Pentadecanoic acid	17.91	2.2	ng/ul	924301	4	16.99	8340570	20.0
1-Heneicosyl formate	20.92	8.4	ng/ul	3794220	5	21.19	9036540	20.0
Nonahexacontanoic...	21.80	2.6	ng/ul	1179580	5	21.19	9036540	20.0
(DEL) Alkane: Str...	22.25	2.0	ng/ul	909781	5	21.19	9036540	20.0
(DEL) Alkane: Str...	22.75	3.4	ng/ul	1269180	6	23.36	7558010	20.0
(DEL) Alkane: Str...	23.29	3.9	ng/ul	1464070	6	23.36	7558010	20.0
(DEL) Alkane: Str...	23.92	3.3	ng/ul	1241920	6	23.36	7558010	20.0