

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024959.D
 Acq On : 20 Feb 2020 00:17
 Operator : CG/JU
 Sample : L1423-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AY6

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_M\METHODS\SOM-EPA-BM020620MA.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	3.034	21	25	38	rVB	57223	128217	1.67%	0.133%
2	3.722	137	142	146	rVB5	10059	17764	0.23%	0.018%
3	4.593	287	290	297	rVB	13422	23142	0.30%	0.024%
4	6.587	622	629	648	rBV	1297899	2251656	29.35%	2.333%
5	6.739	649	655	668	rVV	1197807	1874711	24.44%	1.942%
6	6.928	680	687	700	rBV	1563614	2498724	32.57%	2.588%
7	7.386	757	765	775	rBV	1035494	1684845	21.96%	1.745%
8	7.469	778	779	786	rVB5	5884	9008	0.12%	0.009%
9	8.098	879	886	899	rBV	1734907	2738078	35.69%	2.836%
10	8.522	951	958	973	rBV	1347623	2161269	28.17%	2.239%
11	9.010	1035	1041	1048	rVB2	32917	51941	0.68%	0.054%
12	9.233	1071	1079	1091	rBV	1122408	1827552	23.82%	1.893%
13	9.769	1164	1170	1186	rBV	1749085	2976526	38.80%	3.083%
14	10.133	1225	1232	1241	rBV	1301024	2160388	28.16%	2.238%
15	10.280	1250	1257	1279	rBV	1336093	2542738	33.15%	2.634%
16	11.498	1458	1464	1469	rVB4	7515	12889	0.17%	0.013%
17	11.686	1490	1496	1499	rBV7	5368	9008	0.12%	0.009%
18	11.745	1501	1506	1515	rVB	20353	39228	0.51%	0.041%
19	12.963	1708	1713	1717	rBV4	17247	26130	0.34%	0.027%
20	13.457	1791	1797	1802	rBV	2771060	3875405	50.52%	4.015%
21	13.504	1802	1805	1816	rVB	247597	358102	4.67%	0.371%
22	13.715	1834	1841	1855	rBV	3410751	5041691	65.72%	5.223%
23	14.033	1889	1895	1906	rBV	1946539	2798976	36.49%	2.900%
24	14.257	1927	1933	1951	rBV	665772	1332548	17.37%	1.380%
25	14.504	1967	1975	1981	rVB7	20487	38884	0.51%	0.040%
26	14.886	2036	2040	2044	rBV4	5024	8251	0.11%	0.009%
27	14.945	2046	2050	2053	rVB6	7103	9041	0.12%	0.009%
28	15.039	2059	2066	2078	rBV	4321835	6064377	79.06%	6.282%
29	15.168	2083	2088	2102	rVV	916162	1363496	17.77%	1.412%
30	15.280	2102	2107	2112	rVB2	46533	69817	0.91%	0.072%
31	15.827	2193	2200	2206	rBV5	15782	28152	0.37%	0.029%
32	16.062	2235	2240	2244	rBV5	9723	12829	0.17%	0.013%
33	16.474	2307	2310	2316	rVB4	7516	10112	0.13%	0.010%
34	16.580	2320	2328	2331	rBV3	10221	18688	0.24%	0.019%

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35	16.786	2357	2363	2374	rBV	2314023	3185848	41.53%	3.300%
36	16.886	2374	2380	2398	rVV2	4318028	6153930	80.22%	6.375%
37	17.021	2400	2403	2409	rVB6	9503	14659	0.19%	0.015%
38	17.221	2434	2437	2441	rVB3	7140	9881	0.13%	0.010%
39	17.339	2454	2457	2462	rBV4	6310	11145	0.15%	0.012%
40	17.609	2499	2503	2508	rBV8	6871	14640	0.19%	0.015%
41	17.674	2510	2514	2518	rBV5	6704	8800	0.11%	0.009%
42	17.739	2519	2525	2544	rBV	983666	1566065	20.42%	1.622%
43	18.009	2569	2571	2578	rVB5	16885	30095	0.39%	0.031%
44	18.598	2669	2671	2676	rBV6	7358	13226	0.17%	0.014%
45	18.756	2696	2698	2703	rVB5	7295	10174	0.13%	0.011%
46	18.827	2707	2710	2714	rBV	42921	56191	0.73%	0.058%
47	18.874	2714	2718	2721	rBV3	31955	46560	0.61%	0.048%
48	19.033	2740	2745	2750	rBV	710679	974965	12.71%	1.010%
49	19.197	2766	2773	2782	rVV	5099932	7130319	92.95%	7.386%
50	19.262	2782	2784	2788	rVB4	16019	14385	0.19%	0.015%
51	19.762	2867	2869	2873	rBV4	14180	16180	0.21%	0.017%
52	19.809	2874	2877	2881	rVB5	25978	29496	0.38%	0.031%
53	20.303	2959	2961	2967	rVB2	79606	77754	1.01%	0.081%
54	20.762	3034	3039	3050	rBV2	710532	1170321	15.26%	1.212%
55	21.003	3075	3080	3092	rBV	2776346	3637036	47.41%	3.768%
56	21.209	3111	3115	3119	rBV	862260	918857	11.98%	0.952%
57	21.627	3182	3186	3192	rBV	1789637	1889668	24.63%	1.958%
58	22.062	3255	3260	3265	rBV	2411264	2841572	37.04%	2.944%
59	22.174	3277	3279	3284	rVB	124610	131311	1.71%	0.136%
60	22.533	3335	3340	3349	rVB	2584385	3416887	44.54%	3.540%
61	22.968	3407	3414	3422	rBV	4764957	7671038	100.00%	7.947%
62	23.056	3423	3429	3432	rVV	2206124	3592292	46.83%	3.721%
63	23.097	3432	3436	3443	rVB	2138147	3618035	47.16%	3.748%
64	23.644	3523	3529	3536	rBV	1576039	2691079	35.08%	2.788%
65	24.321	3638	3644	3652	rVB2	772996	1525208	19.88%	1.580%

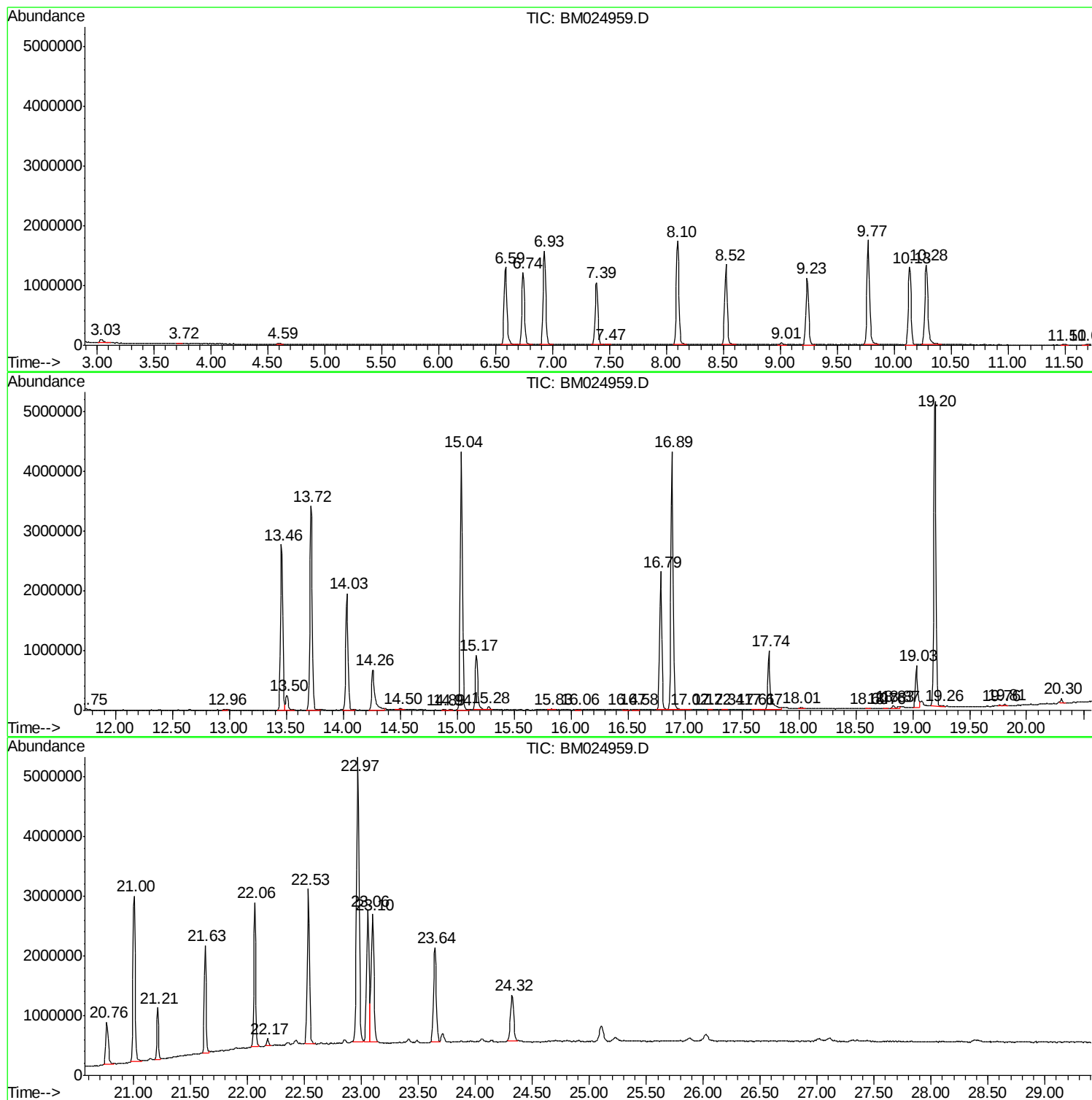
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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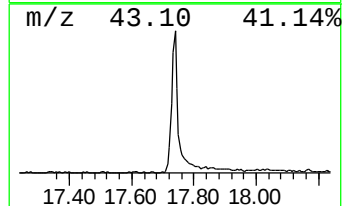
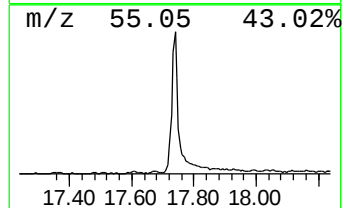
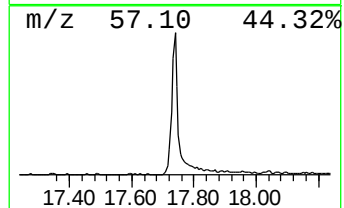
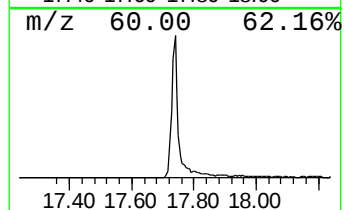
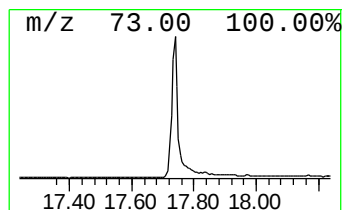
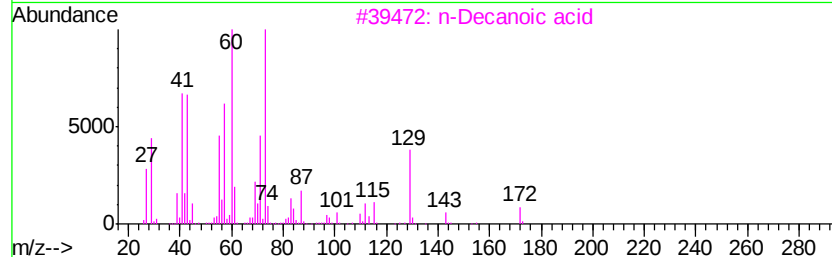
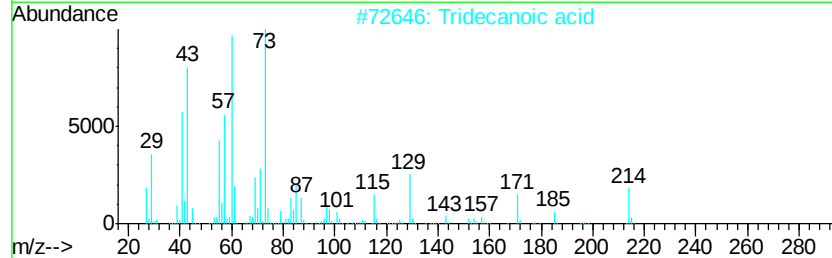
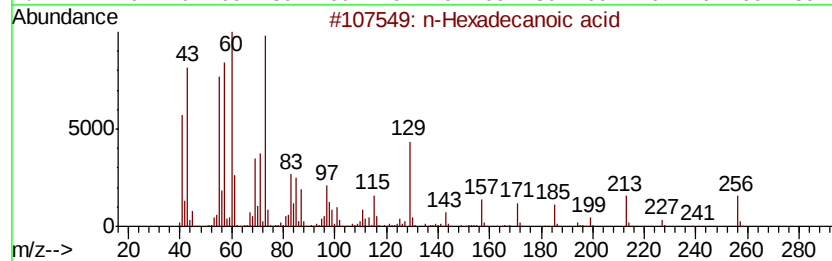
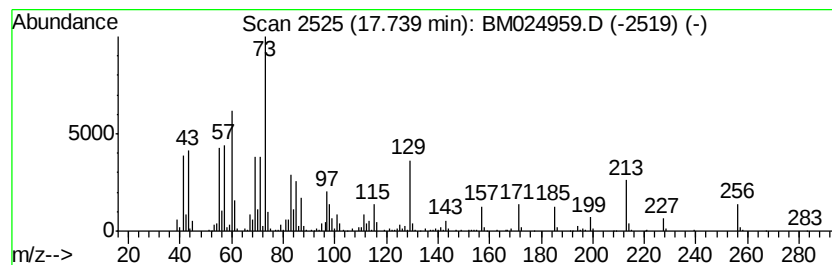
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	9.83 ng/ul	1566070	Phenanthrene-d10	16.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Undecanoic acid	186	C11H22O2	000112-37-8	53
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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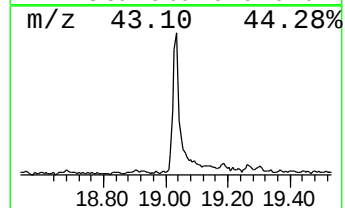
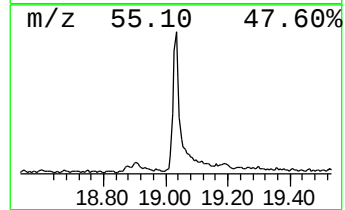
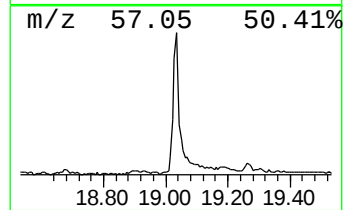
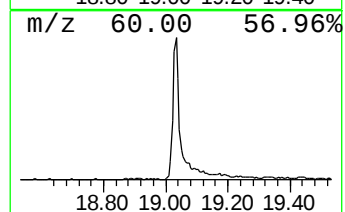
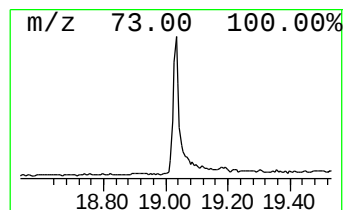
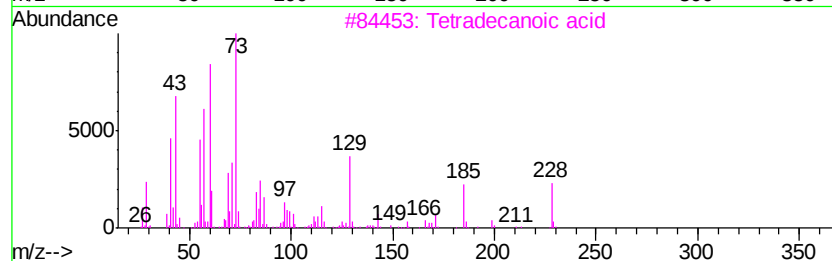
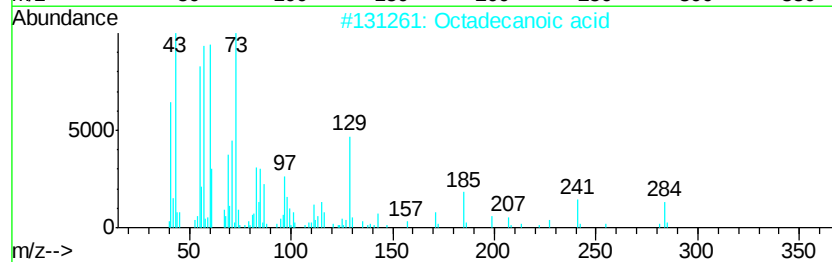
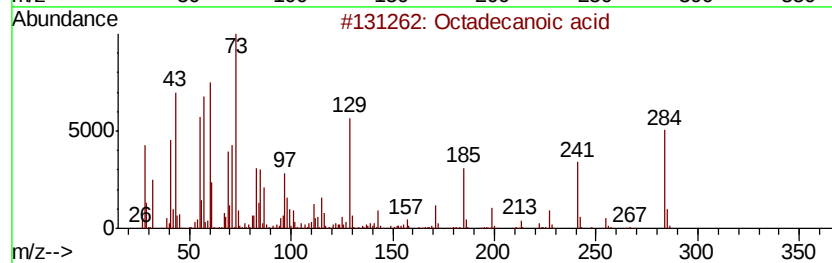
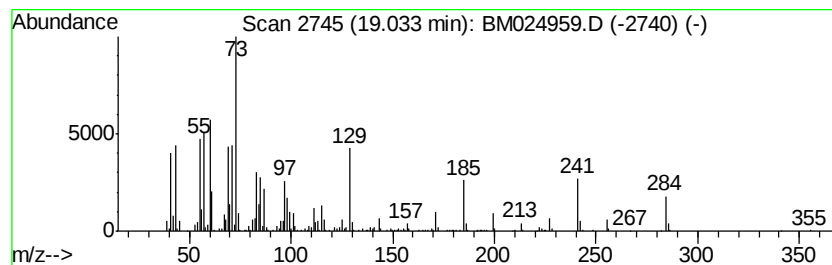
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.03	5.36 ng/ul	974965	Chrysene-d12		21.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4			n-Decanoic acid	172	C10H20O2	000334-48-5	27
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	27



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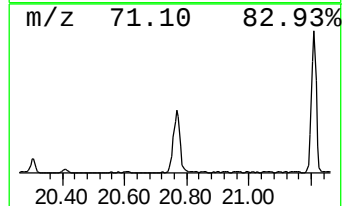
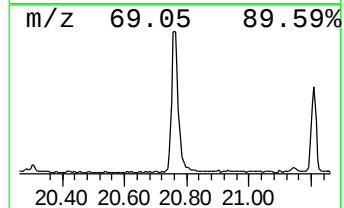
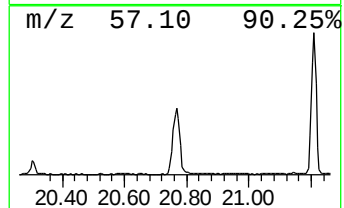
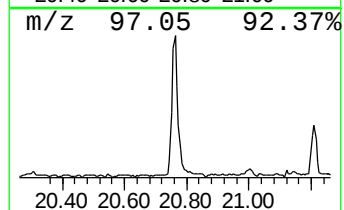
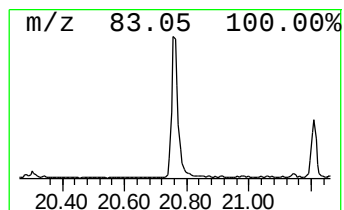
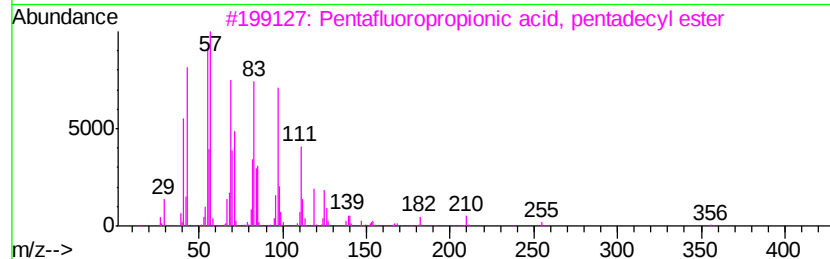
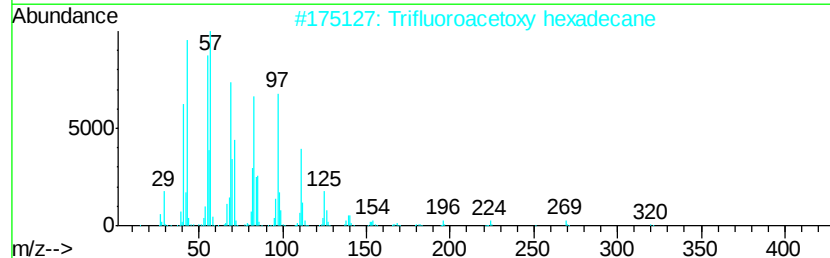
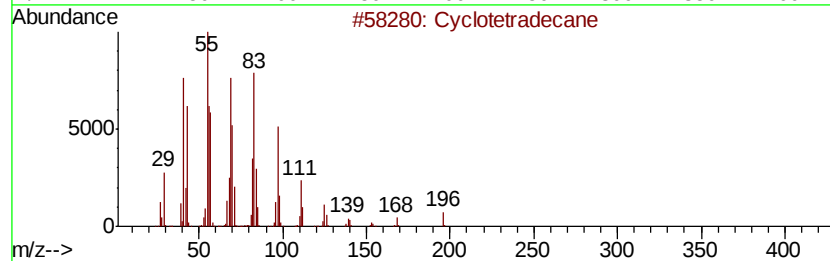
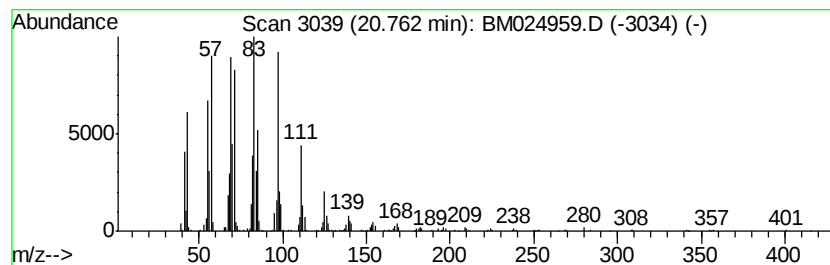
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	6.44 ng/ul	1170320	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	97
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	81
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	81



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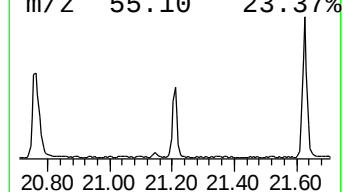
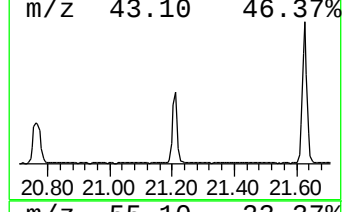
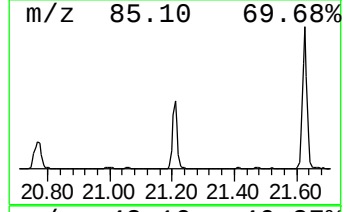
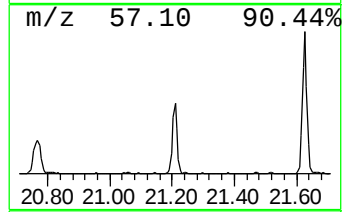
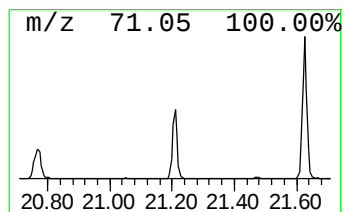
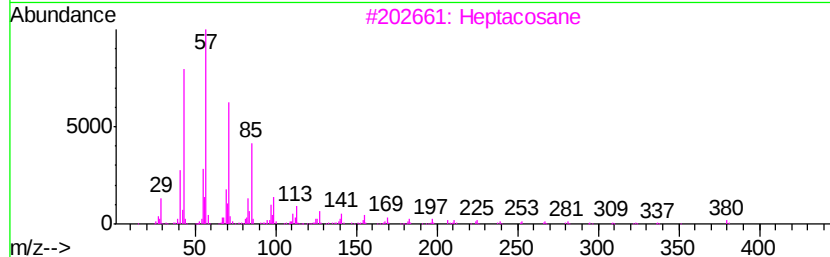
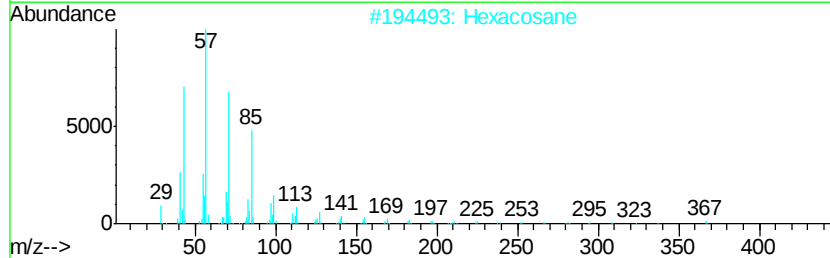
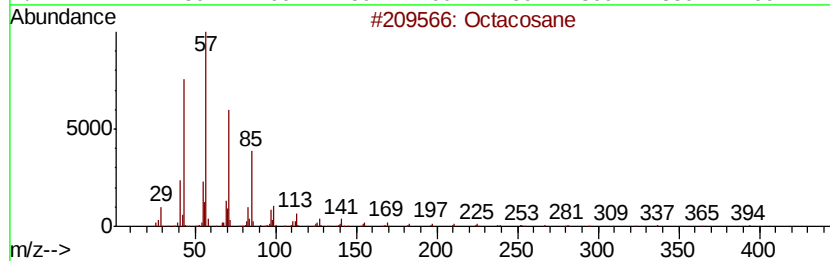
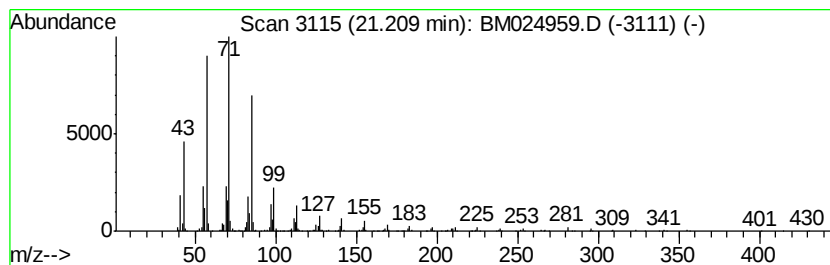
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	5.05 ng/ul	918857	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Heneicosane	296	C21H44	000629-94-7	83



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C5AY6

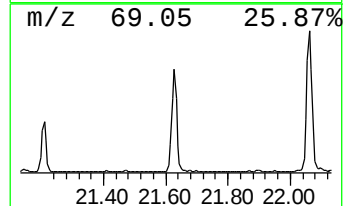
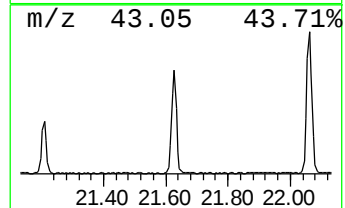
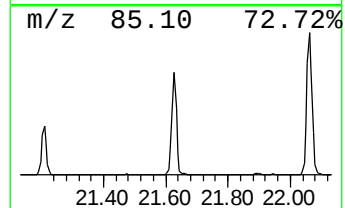
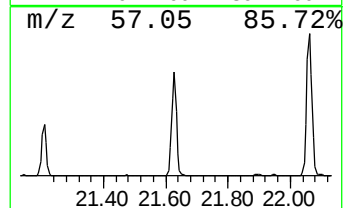
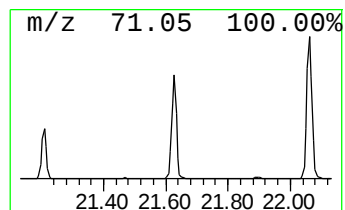
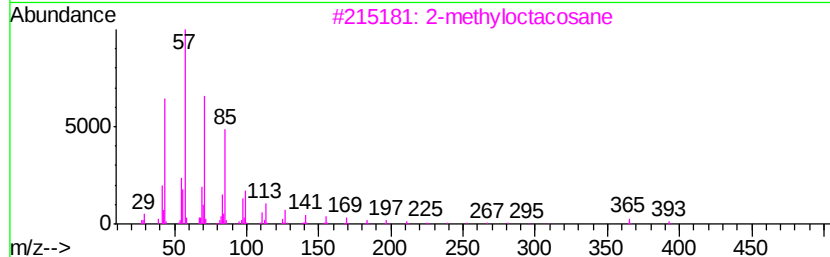
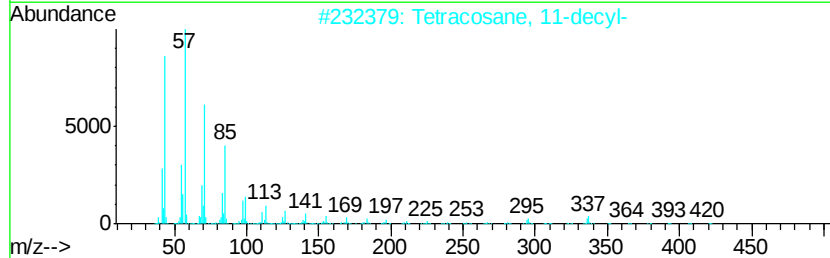
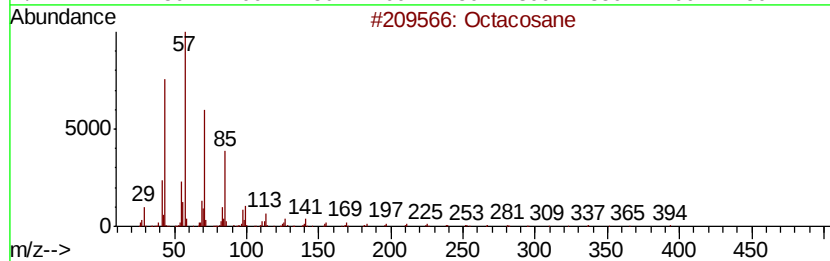
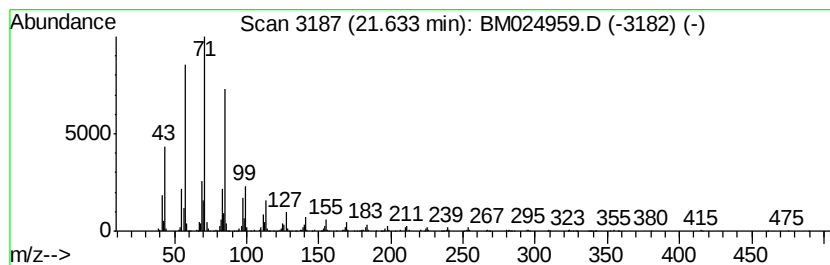
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	10.39 ng/ul	1889670	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
3		2-methyloctacosane	408	C29H60	1000376-72-8	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
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Acq On : 20 Feb 2020 00:17
Operator : CG/JU
Sample : L1423-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AY6

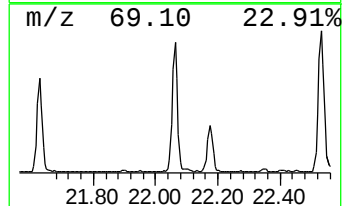
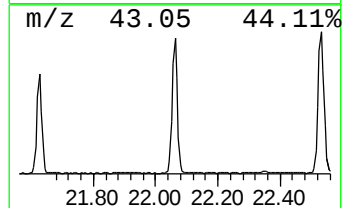
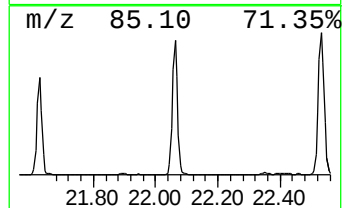
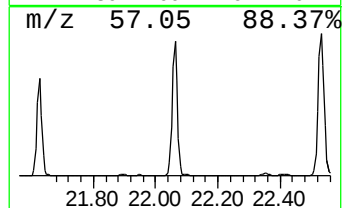
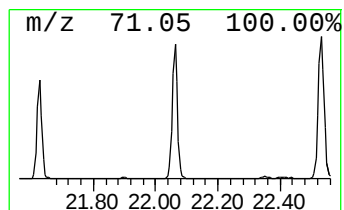
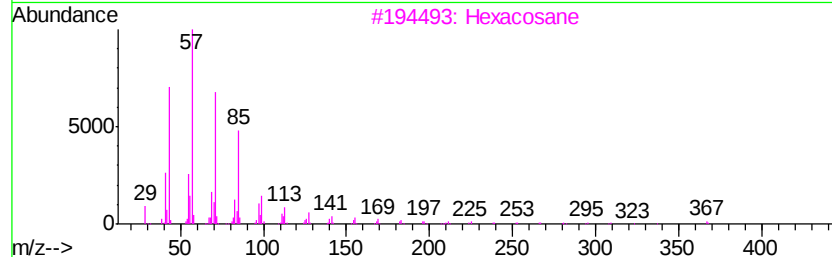
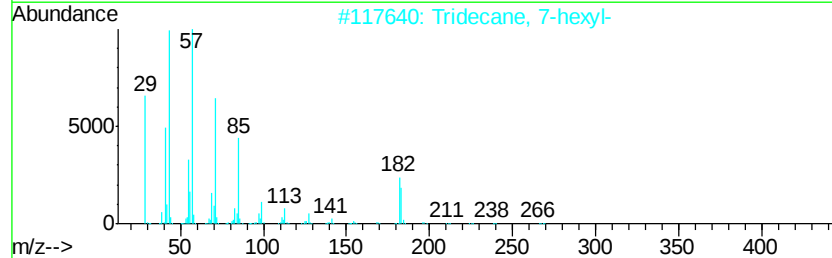
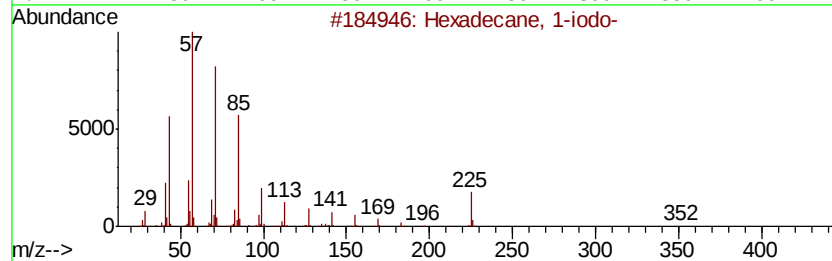
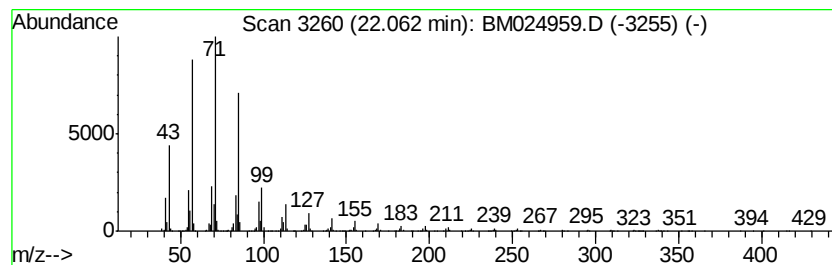
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	15.71 ng/ul	2841570	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024959.D
Acq On : 20 Feb 2020 00:17
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Sample : L1423-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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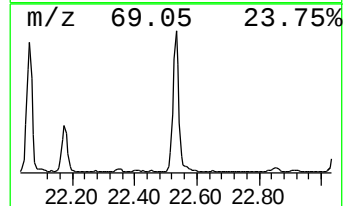
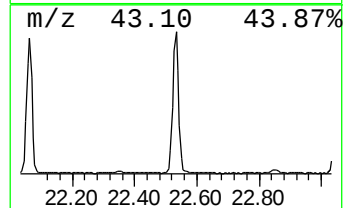
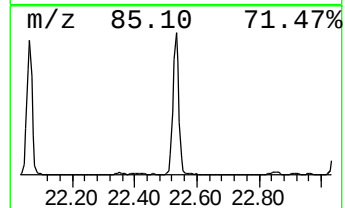
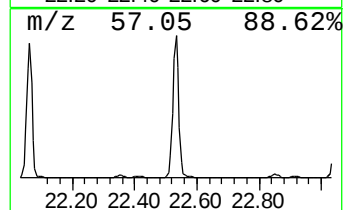
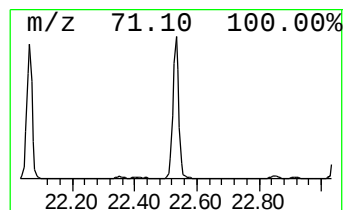
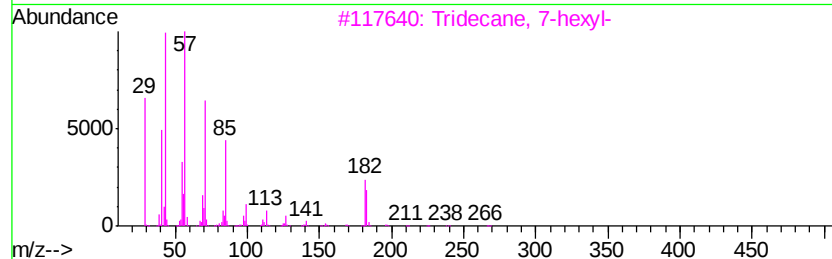
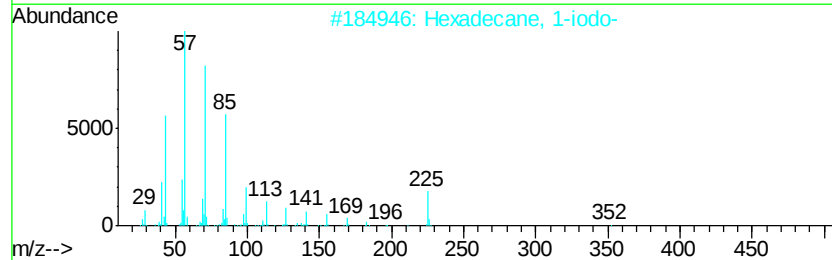
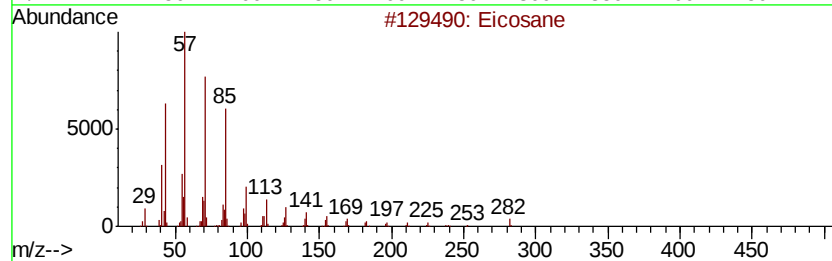
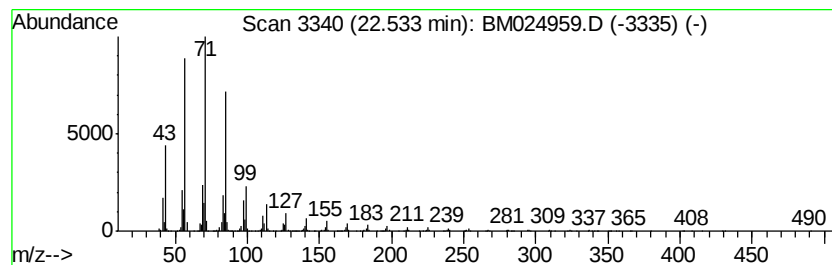
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	18.89 ng/ul	3416890	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024959.D
Acq On : 20 Feb 2020 00:17
Operator : CG/JU
Sample : L1423-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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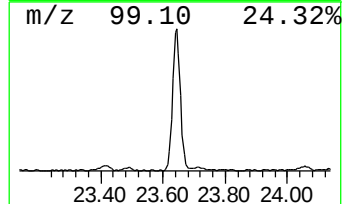
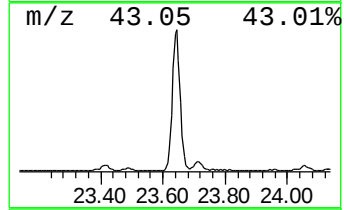
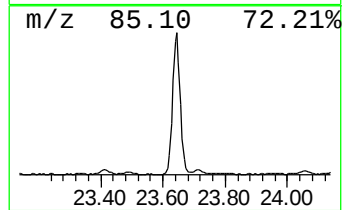
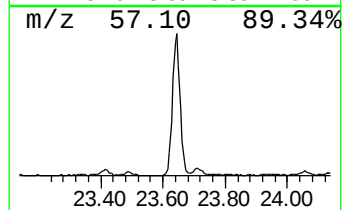
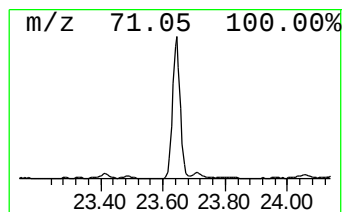
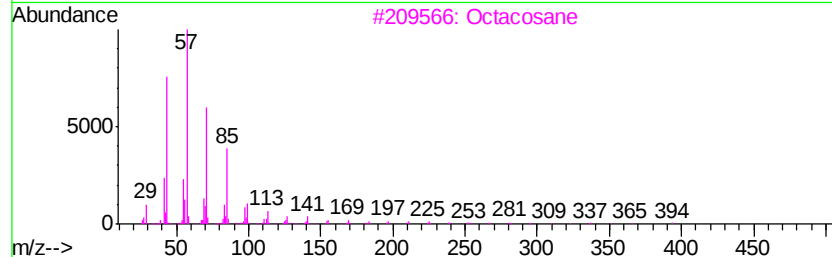
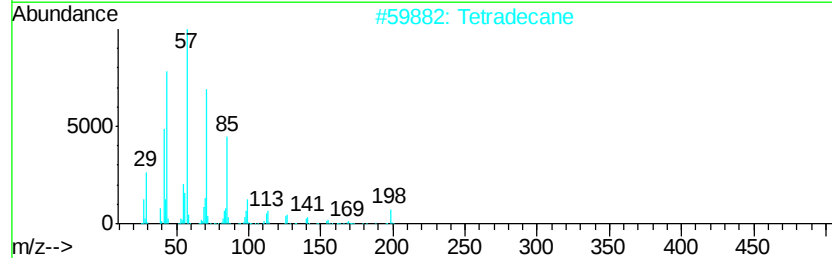
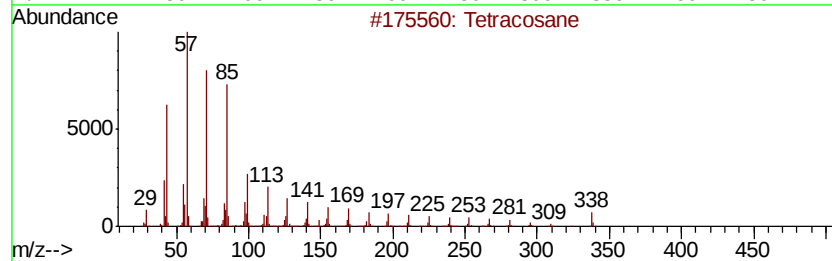
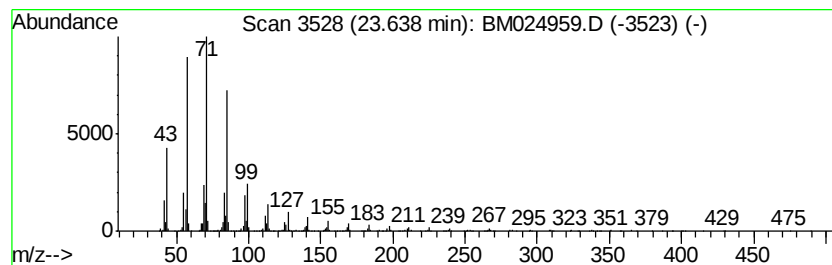
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Quant Title : SVOA CALIBRATION

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.
23.64	14.88 ng/ul	2691080	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Tetradecane	198	C14H30	000629-59-4	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024959.D
Acq On : 20 Feb 2020 00:17
Operator : CG/JU
Sample : L1423-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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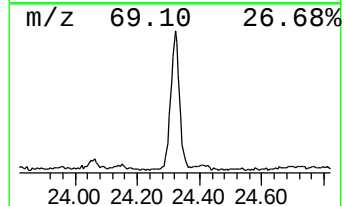
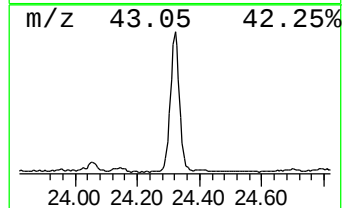
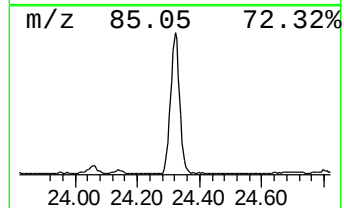
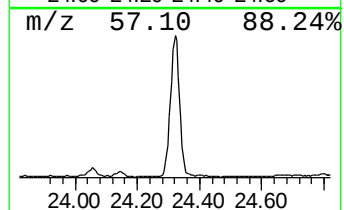
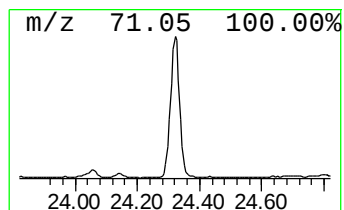
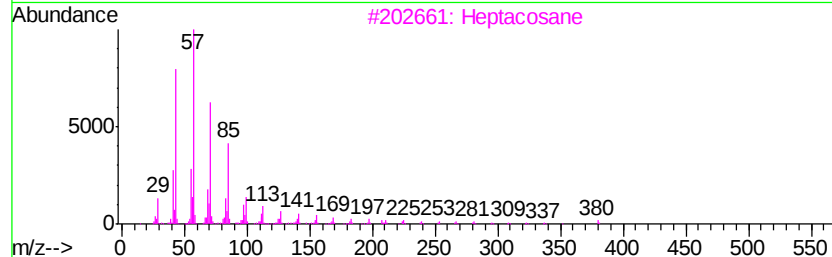
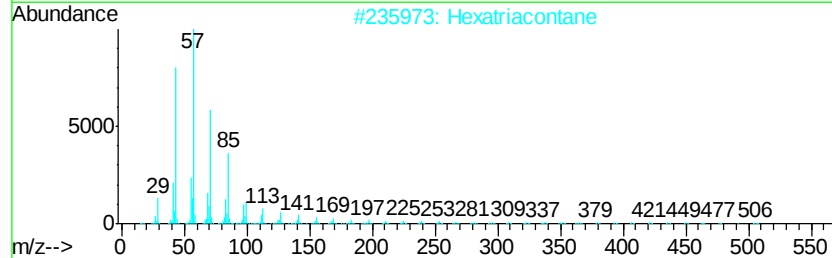
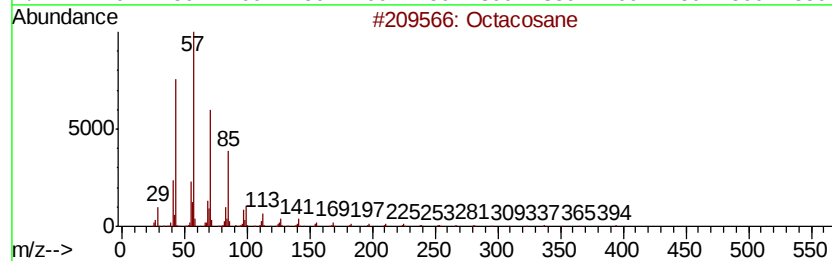
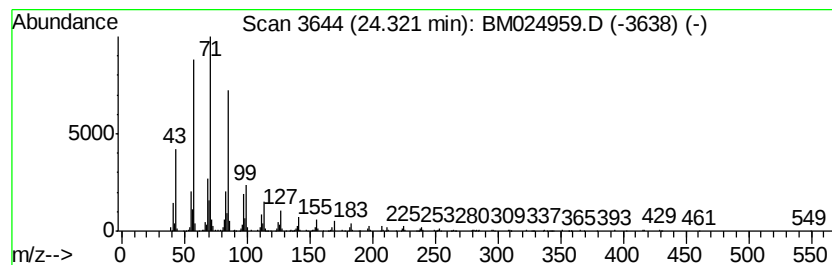
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	8.43 ng/ul	1525210	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexatriacontane	507	C36H74	000630-06-8	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021920\
Data File : BM024959.D
Acq On : 20 Feb 2020 00:17
Operator : CG/JU
Sample : L1423-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
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Octadecanoic acid	19.03	5.4	ng/ul	974965	5	21.00	3637040	20.0
(DEL) Alkane: Cyc...	20.76	6.4	ng/ul	1170320	5	21.00	3637040	20.0
(DEL) Alkane: Str...	21.21	5.0	ng/ul	918857	5	21.00	3637040	20.0
(DEL) Alkane: Str...	21.63	10.4	ng/ul	1889670	5	21.00	3637040	20.0
Hexadecane, 1-iodo-	22.06	15.7	ng/ul	2841570	6	23.10	3618040	20.0
(DEL) Alkane: Str...	22.53	18.9	ng/ul	3416890	6	23.10	3618040	20.0
(DEL) Alkane: Str...	23.64	14.9	ng/ul	2691080	6	23.10	3618040	20.0
(DEL) Alkane: Str...	24.32	8.4	ng/ul	1525210	6	23.10	3618040	20.0