

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023033.D
 Acq On : 07 Oct 2019 15:43
 Operator : JU
 Sample : K5056-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAD8

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-BM092719MA.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	3.252	42	45	53	rVB	56024	77250	1.15%	0.133%
2	3.981	166	169	175	rBV2	6549	10613	0.16%	0.018%
3	6.945	666	673	688	rBV	1060949	1661478	24.68%	2.852%
4	7.110	691	701	720	rBV	783270	1285910	19.10%	2.207%
5	7.310	728	735	746	rBV	1102408	1715002	25.47%	2.943%
6	7.775	807	814	821	rBV	530317	827379	12.29%	1.420%
7	8.481	927	934	948	rBV	1304125	2064520	30.66%	3.543%
8	8.934	1003	1011	1022	rBV	951673	1584505	23.53%	2.719%
9	9.375	1081	1086	1094	rVB2	8417	12510	0.19%	0.021%
10	9.651	1125	1133	1146	rBV	812189	1296631	19.26%	2.225%
11	10.186	1217	1224	1236	rBV	1314978	2159724	32.08%	3.707%
12	10.569	1280	1289	1296	rBV	694277	1169089	17.36%	2.006%
13	10.698	1303	1311	1328	rBV	1235607	2126659	31.59%	3.650%
14	11.592	1457	1463	1472	rBV6	4200	11061	0.16%	0.019%
15	12.157	1554	1559	1569	rVB	19142	30298	0.45%	0.052%
16	12.775	1659	1664	1671	rVB3	5732	8826	0.13%	0.015%
17	13.027	1704	1707	1712	rVB2	7200	9945	0.15%	0.017%
18	13.257	1741	1746	1751	rVB3	4665	7264	0.11%	0.012%
19	13.827	1836	1843	1847	rVV	2223827	3017011	44.81%	5.178%
20	13.869	1847	1850	1862	rVB	406470	559634	8.31%	0.960%
21	14.110	1880	1891	1904	rBV	2664724	3889915	57.78%	6.676%
22	14.416	1936	1943	1950	rBV	1070371	1535571	22.81%	2.635%
23	14.486	1950	1955	1959	rVB3	10001	12719	0.19%	0.022%
24	14.610	1970	1976	1985	rBV	581637	838001	12.45%	1.438%
25	14.833	2009	2014	2019	rBV2	25289	34662	0.51%	0.059%
26	14.963	2028	2036	2041	rBV	8517	17032	0.25%	0.029%
27	15.227	2076	2081	2086	rBV2	7845	14006	0.21%	0.024%
28	15.274	2086	2089	2094	rVB4	4946	6987	0.10%	0.012%
29	15.410	2105	2112	2121	rBV	3305146	4649534	69.06%	7.980%
30	15.521	2125	2131	2141	rBV	449926	603329	8.96%	1.035%
31	15.645	2147	2152	2157	rBV	34658	45654	0.68%	0.078%
32	16.133	2231	2235	2240	rBV3	6587	9339	0.14%	0.016%
33	16.192	2242	2245	2250	rVB3	13164	18770	0.28%	0.032%
34	16.310	2261	2265	2269	rVB4	5463	7372	0.11%	0.013%

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35	16.563	2301	2308	2313	rBV5	7111	13999	0.21%	0.024%
36	17.157	2402	2409	2415	rBV	1260546	1756045	26.08%	3.014%
37	17.257	2419	2426	2437	rVV	3433241	4813049	71.49%	8.260%
38	17.345	2437	2441	2445	rVB4	20988	29947	0.44%	0.051%
39	17.545	2469	2475	2483	rBV9	8669	19093	0.28%	0.033%
40	17.927	2536	2540	2547	rBV7	7418	17115	0.25%	0.029%
41	18.057	2556	2562	2571	rBV	333860	496219	7.37%	0.852%
42	18.486	2632	2635	2639	rVB	23134	26253	0.39%	0.045%
43	18.945	2711	2713	2717	rVB5	6607	7889	0.12%	0.014%
44	18.992	2718	2721	2725	rVB	10047	13117	0.19%	0.023%
45	19.180	2749	2753	2757	rBV	41040	54731	0.81%	0.094%
46	19.215	2757	2759	2762	rVV4	6315	7378	0.11%	0.013%
47	19.339	2776	2780	2784	rBV	50304	68807	1.02%	0.118%
48	19.433	2793	2796	2801	rVB	31914	42109	0.63%	0.072%
49	19.486	2803	2805	2809	rBV4	7588	7303	0.11%	0.013%
50	19.551	2810	2816	2823	rVV	4298336	5876866	87.29%	10.086%
51	19.603	2823	2825	2832	rVB6	25120	31291	0.46%	0.054%
52	20.103	2907	2910	2916	rVB	42478	48325	0.72%	0.083%
53	20.603	2991	2995	2998	rVB	63174	73117	1.09%	0.125%
54	21.062	3068	3073	3080	rBV	512834	719934	10.69%	1.236%
55	21.339	3115	3120	3126	rBV	1671195	2094814	31.11%	3.595%
56	21.497	3144	3147	3154	rBV	168212	193854	2.88%	0.333%
57	21.939	3218	3222	3234	rBV	227051	407784	6.06%	0.700%
58	22.403	3297	3301	3308	rVB	273659	342518	5.09%	0.588%
59	22.915	3384	3388	3393	rBV	304962	437540	6.50%	0.751%
60	23.456	3473	3480	3494	rVB	3471734	6732823	100.00%	11.555%
61	23.597	3498	3504	3514	rVB	1150792	2201204	32.69%	3.778%
62	24.144	3593	3597	3605	rVB	224412	415102	6.17%	0.712%

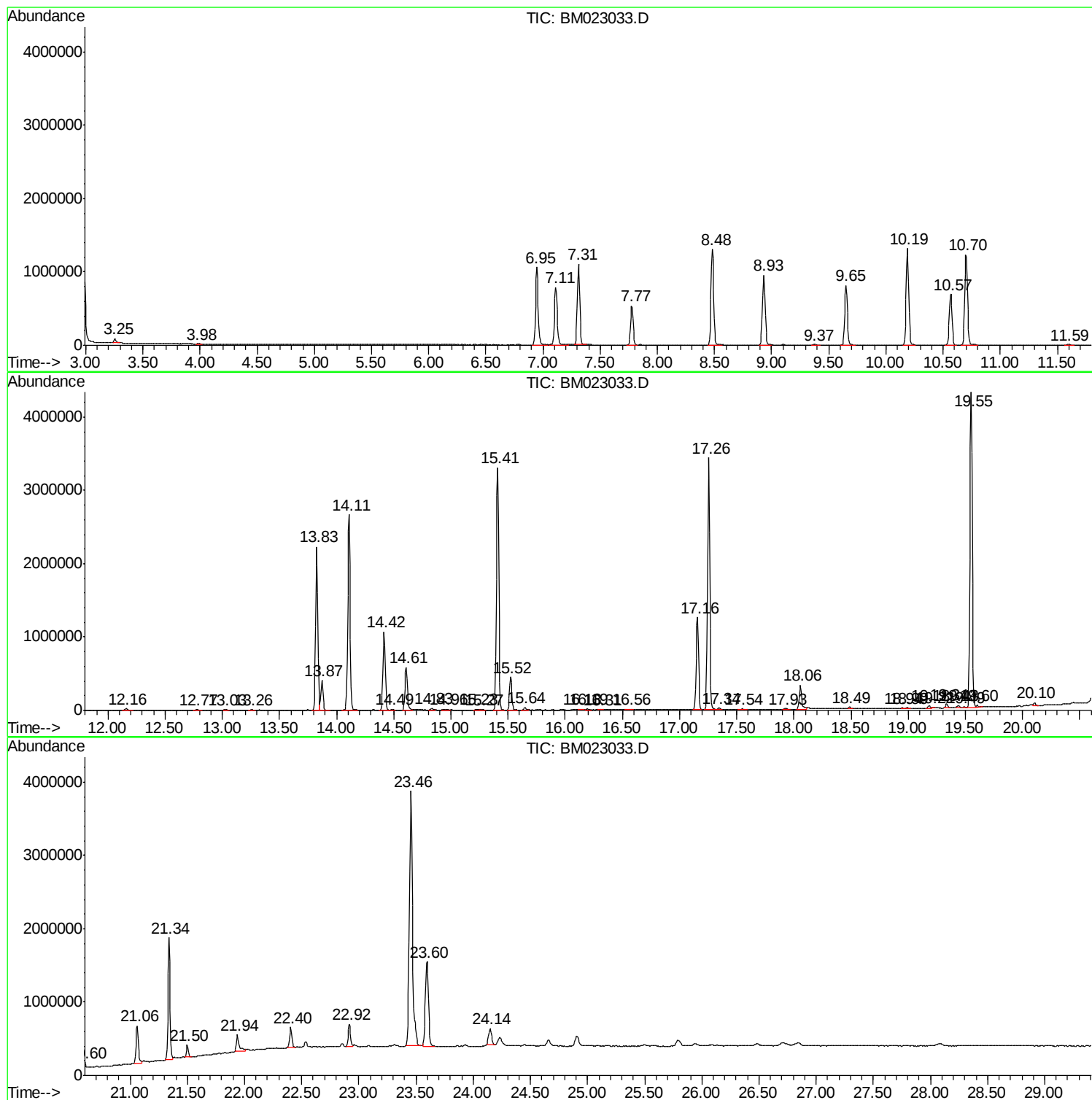
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Quant Title : SVOA CALIBRATION

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



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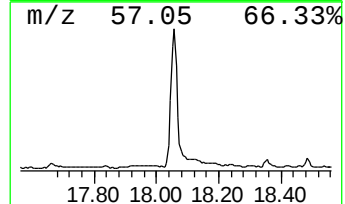
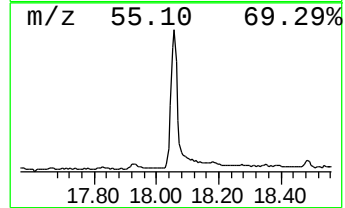
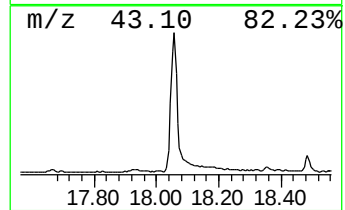
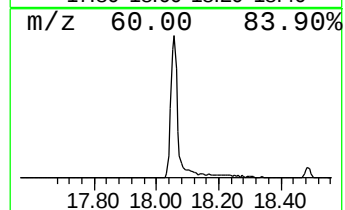
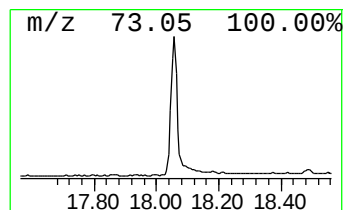
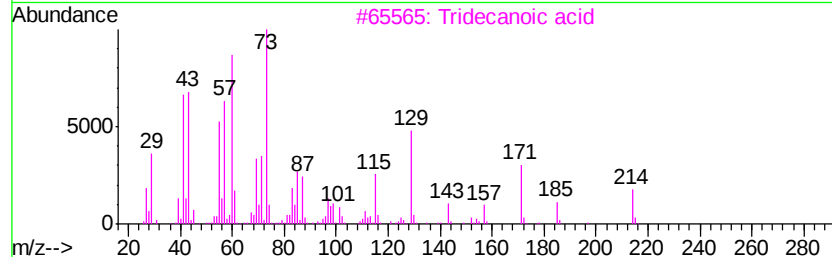
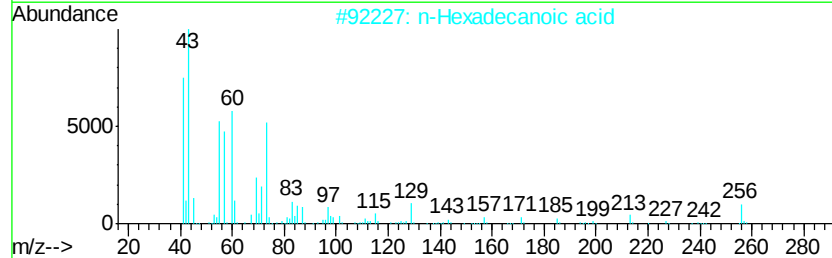
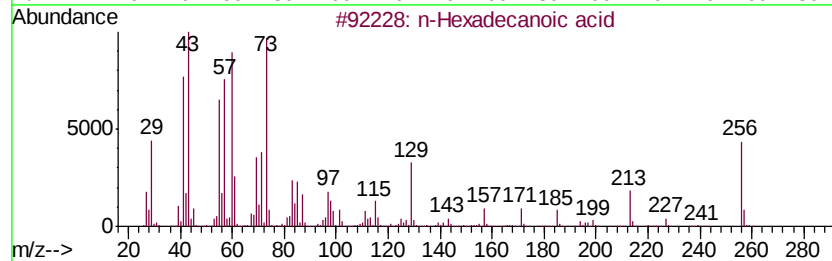
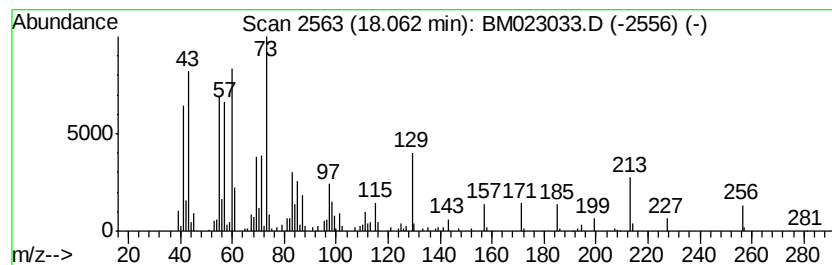
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.06	5.65 ng/ul	496219	Phenanthrene-d10		17.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
3	Tridecanoic acid		214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
5	Tridecanoic acid		214	C13H26O2	000638-53-9	91



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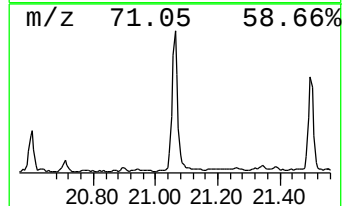
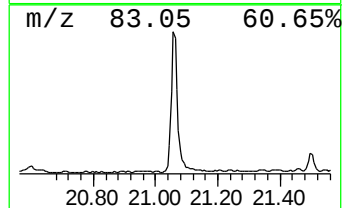
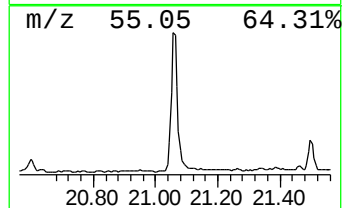
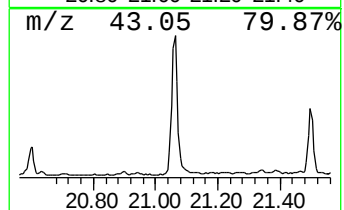
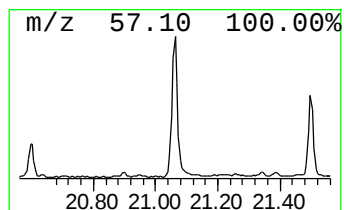
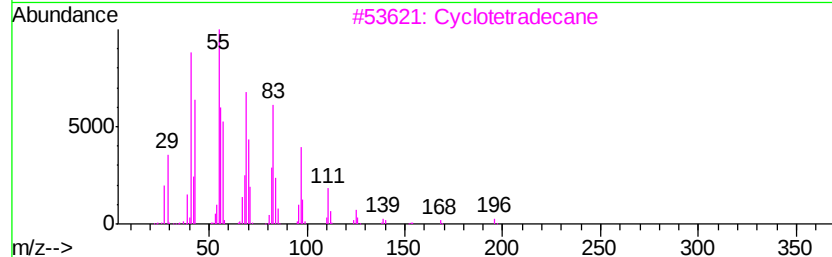
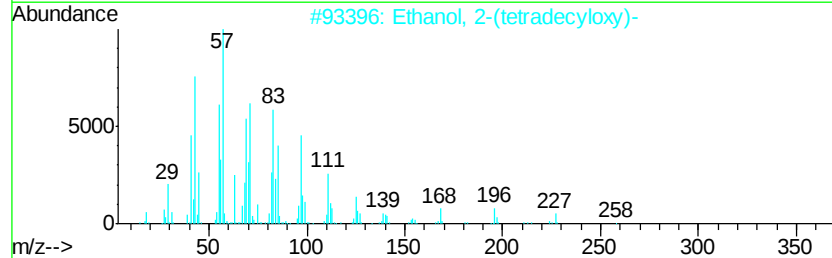
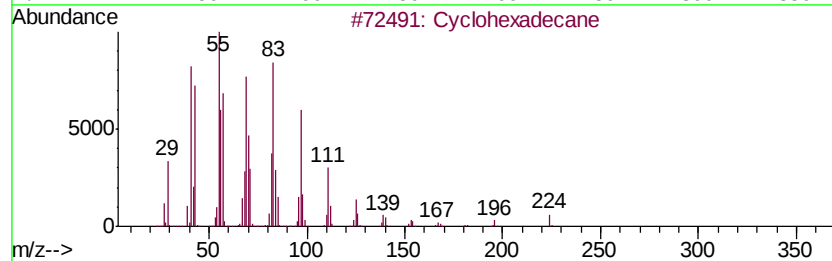
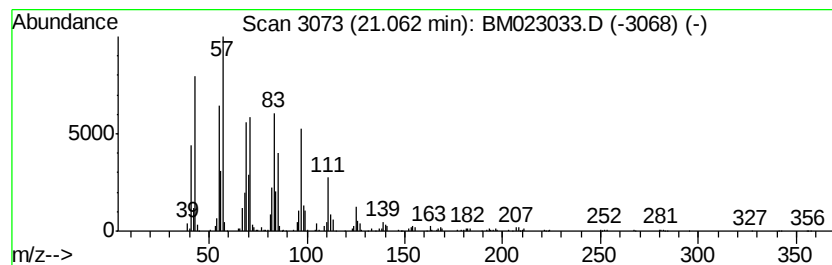
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	6.87 ng/ul	719934	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		Cyclotetradecane	196	C14H28	000295-17-0	90
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87



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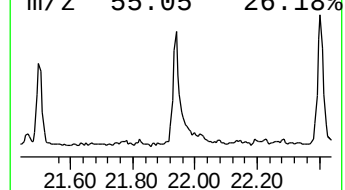
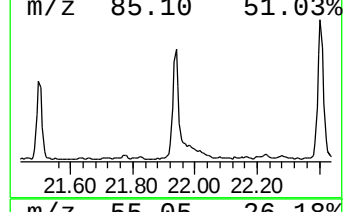
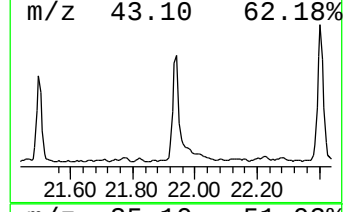
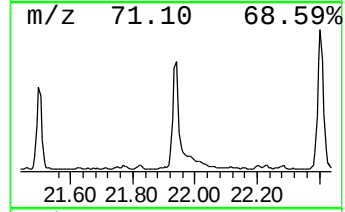
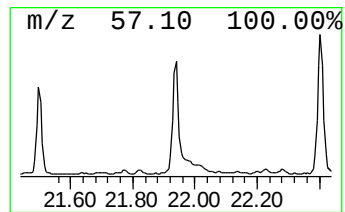
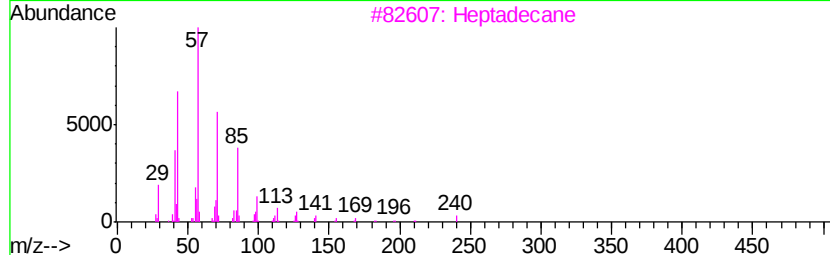
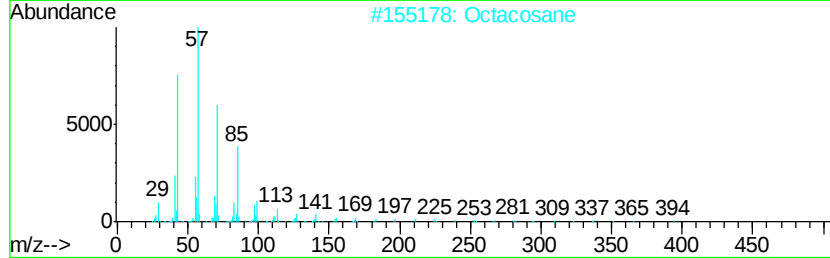
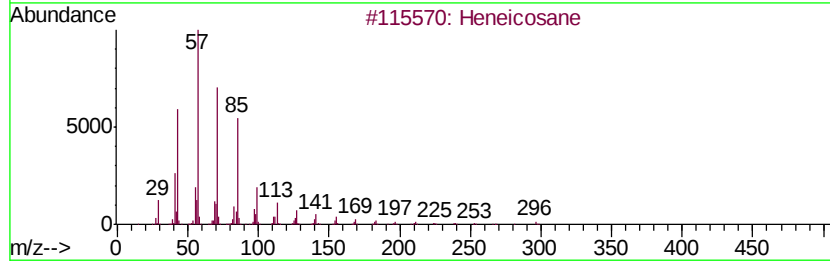
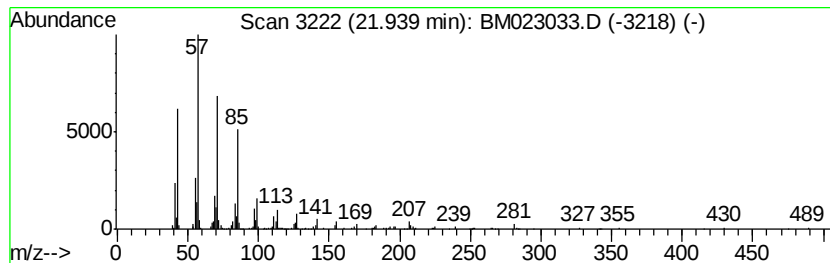
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	3.89 ng/ul	407784	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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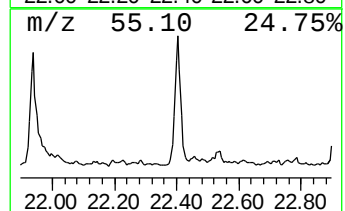
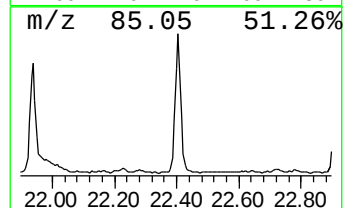
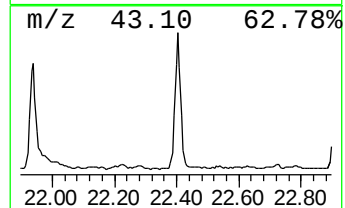
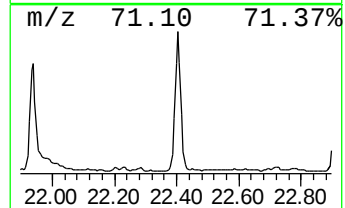
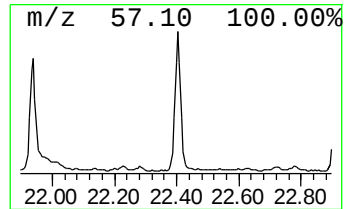
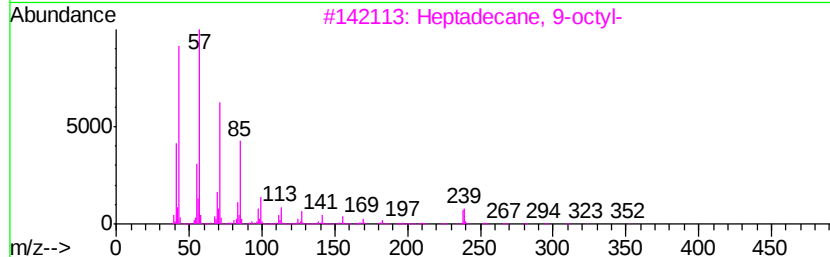
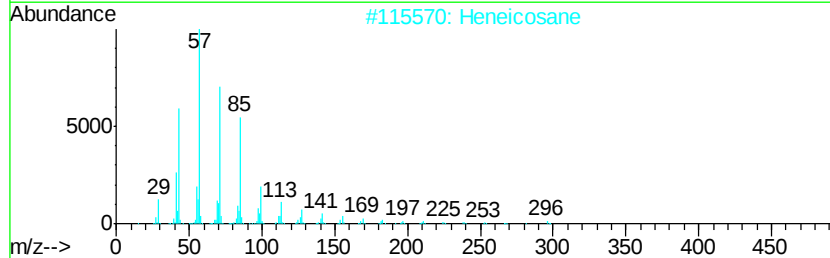
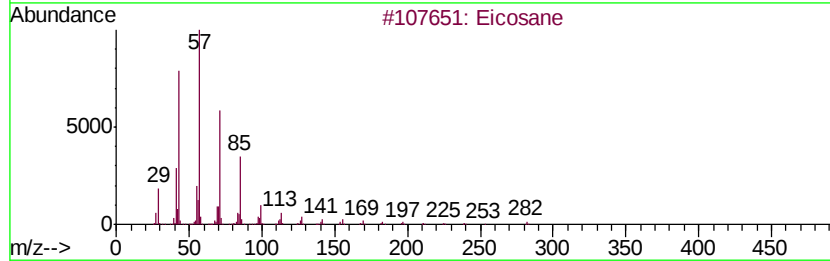
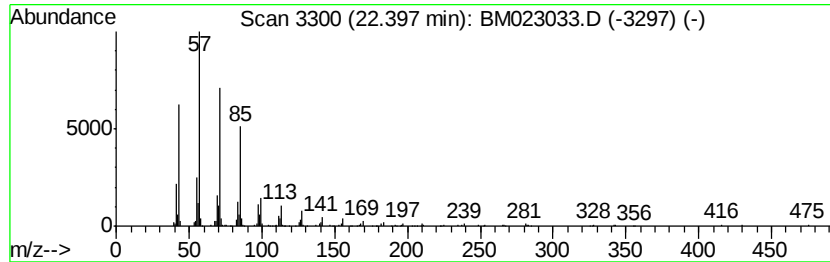
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	3.27 ng/ul	342518	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexadecane	226	C16H34	000544-76-3	87



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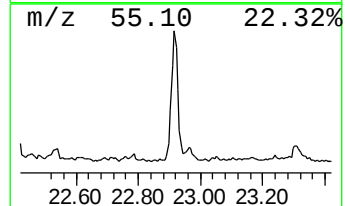
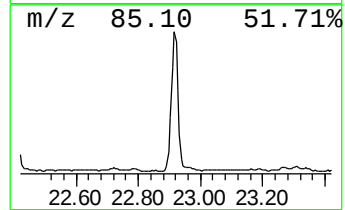
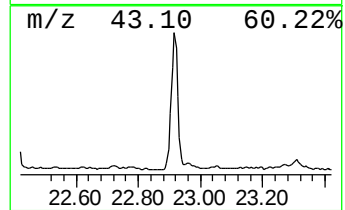
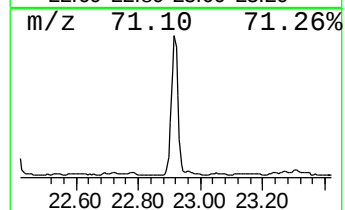
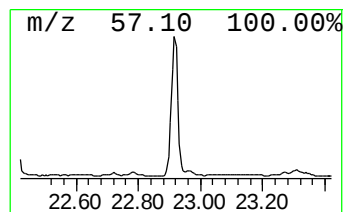
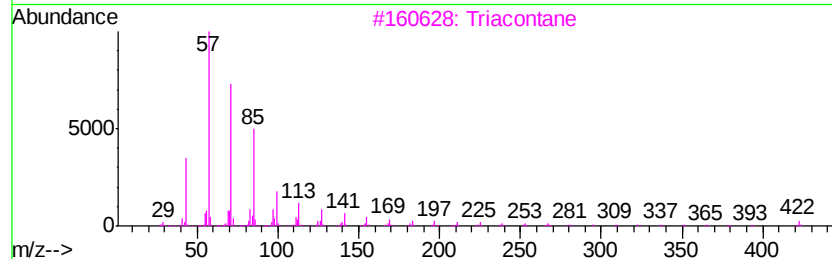
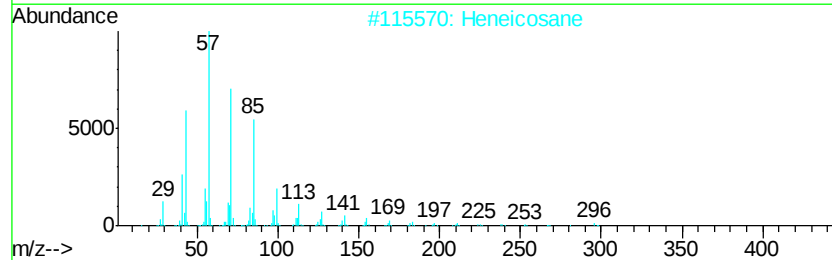
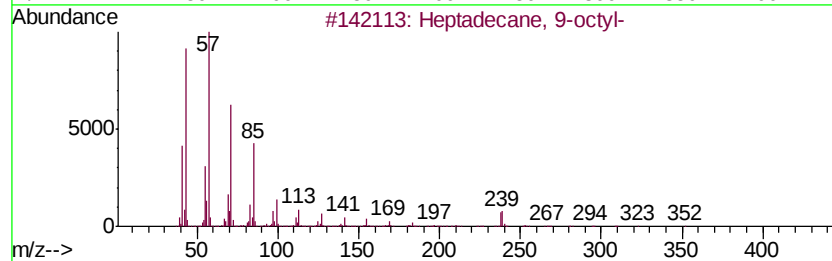
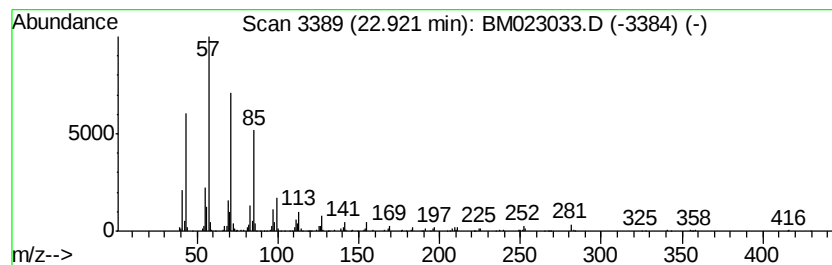
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	3.98 ng/ul	437540	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023033.D
Acq On : 07 Oct 2019 15:43
Operator : JU
Sample : K5056-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAD8

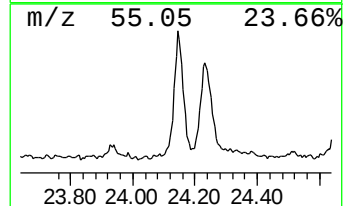
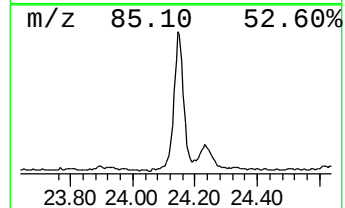
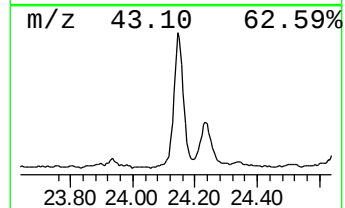
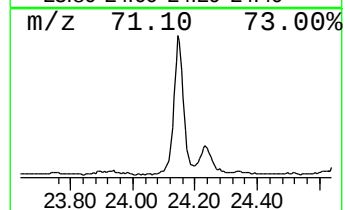
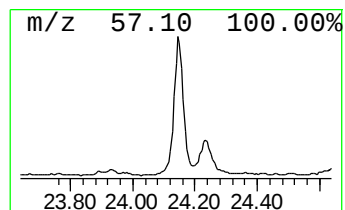
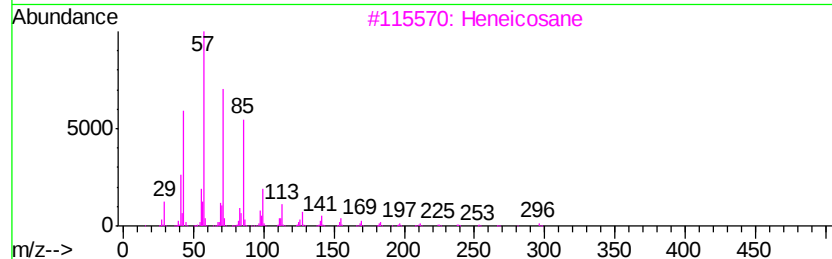
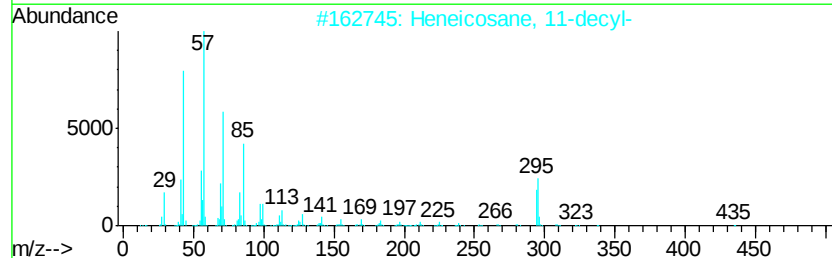
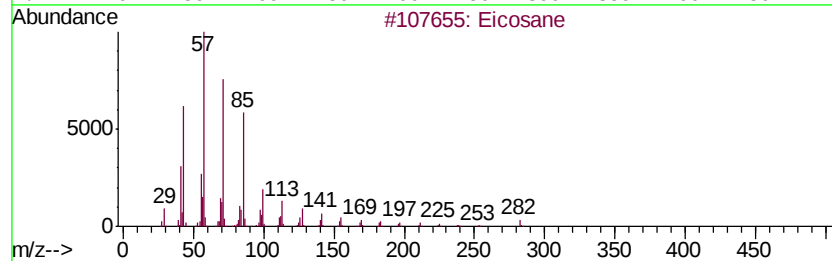
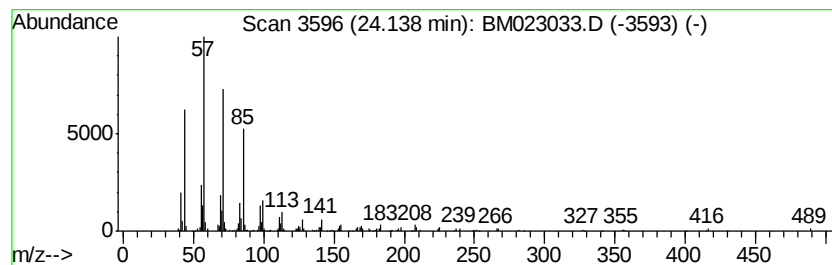
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	3.77 ng/ul	415102	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023033.D
Acq On : 07 Oct 2019 15:43
Operator : JU
Sample : K5056-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAD8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	18.06	5.7	ng/ul	496219	4	17.16	1756050	20.0
(DEL) Alkane: Cyc...	21.06	6.9	ng/ul	719934	5	21.34	2094810	20.0
(DEL) Alkane: Str...	21.94	3.9	ng/ul	407784	5	21.34	2094810	20.0
(DEL) Alkane: Str...	22.40	3.3	ng/ul	342518	5	21.34	2094810	20.0
(DEL) Alkane: Str...	22.92	4.0	ng/ul	437540	6	23.60	2201200	20.0
(DEL) Alkane: Str...	24.14	3.8	ng/ul	415102	6	23.60	2201200	20.0