

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034984.D
 Acq On : 11 May 2022 14:29
 Operator : CG/JU
 Sample : N2603-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW498

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Title : SVOA CALIBRATION

Signal : TIC: BM034984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	55	rVB	42576	59699	1.38%	0.107%
2	3.781	115	118	133	rBV	112366	184909	4.28%	0.333%
3	4.469	230	235	244	rVV	69098	100612	2.33%	0.181%
4	5.028	325	330	338	rBV	44126	67307	1.56%	0.121%
5	5.946	479	486	492	rVV3	22760	39169	0.91%	0.070%
6	6.493	573	579	584	rBV	18875	31271	0.72%	0.056%
7	6.922	641	652	658	rBV7	16196	45758	1.06%	0.082%
8	7.081	672	679	693	rVB	708565	1178472	27.31%	2.119%
9	7.246	701	707	716	rBV	561884	899591	20.85%	1.618%
10	7.451	734	742	751	rBV	746367	1168826	27.09%	2.102%
11	7.557	755	760	767	rVV	66874	93891	2.18%	0.169%
12	7.922	815	822	830	rVV	851242	1365290	31.64%	2.455%
13	8.492	906	919	922	rBV5	20548	54445	1.26%	0.098%
14	8.622	932	941	950	rVV	874060	1394672	32.32%	2.508%
15	8.745	957	962	968	rVV3	34904	69042	1.60%	0.124%
16	9.075	1009	1018	1027	rVV	767476	1251114	28.99%	2.250%
17	9.163	1028	1033	1043	rVB	125770	201500	4.67%	0.362%
18	9.251	1043	1048	1051	rBV3	29985	52382	1.21%	0.094%
19	9.798	1134	1141	1149	rVV	595404	996954	23.10%	1.793%
20	9.863	1149	1152	1157	rVV4	17448	31273	0.72%	0.056%
21	9.916	1157	1161	1171	rVV8	14548	34418	0.80%	0.062%
22	10.163	1200	1203	1212	rVB5	24982	51414	1.19%	0.092%
23	10.339	1226	1233	1242	rVB	857173	1429370	33.12%	2.571%
24	10.504	1256	1261	1268	rVB2	56179	90811	2.10%	0.163%
25	10.722	1290	1298	1305	rBV	1318916	2243184	51.98%	4.034%
26	10.851	1313	1320	1326	rVV	579733	982809	22.77%	1.767%
27	10.904	1326	1329	1333	rVV	74667	100701	2.33%	0.181%
28	11.098	1357	1362	1368	rBV4	18812	38530	0.89%	0.069%
29	11.175	1370	1375	1381	rVB	46359	74265	1.72%	0.134%
30	11.439	1408	1420	1428	rVV9	25292	89298	2.07%	0.161%
31	11.510	1428	1432	1438	rVV7	19331	35489	0.82%	0.064%
32	11.675	1454	1460	1469	rVB9	26721	80695	1.87%	0.145%
33	11.769	1470	1476	1484	rBV3	52342	108753	2.52%	0.196%
34	12.092	1527	1531	1536	rVB2	46283	68498	1.59%	0.123%
35	12.157	1536	1542	1548	rBV	174807	274430	6.36%	0.494%
36	12.304	1562	1567	1572	rVV4	22395	43458	1.01%	0.078%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
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37	12.380	1577	1580	1589	rVB4	29487	51928	1.20%	0.093%
38	12.804	1641	1652	1654	rBV5	26752	62268	1.44%	0.112%
39	13.086	1691	1700	1701	rBV2	51607	91837	2.13%	0.165%
40	13.110	1701	1704	1709	rVV2	64845	92047	2.13%	0.166%
41	13.392	1745	1752	1759	rBV	169502	262365	6.08%	0.472%
42	13.486	1764	1768	1773	rVV	58942	90616	2.10%	0.163%
43	13.963	1838	1849	1855	rBV	1873578	2536277	58.77%	4.561%
44	14.016	1856	1858	1861	rVV4	24952	37670	0.87%	0.068%
45	14.051	1861	1864	1868	rVV2	91537	125807	2.92%	0.226%
46	14.092	1868	1871	1877	rVV7	32363	59140	1.37%	0.106%
47	14.174	1877	1885	1888	rVV2	50791	93126	2.16%	0.167%
48	14.245	1888	1897	1909	rVV	1967676	2952516	68.42%	5.310%
49	14.463	1929	1934	1939	rVB	202430	253119	5.87%	0.455%
50	14.551	1943	1949	1956	rBV	2005128	2931578	67.93%	5.272%
51	14.739	1975	1981	1995	rBV	421607	746304	17.29%	1.342%
52	14.845	1995	1999	2003	rVB	25844	37084	0.86%	0.067%
53	14.898	2003	2008	2014	rBV9	27045	79981	1.85%	0.144%
54	14.963	2016	2019	2024	rVB4	47896	74451	1.73%	0.134%
55	15.086	2035	2040	2045	rVB4	53625	94192	2.18%	0.169%
56	15.257	2065	2069	2073	rBV	24364	34913	0.81%	0.063%
57	15.369	2083	2088	2092	rVV2	45697	64717	1.50%	0.116%
58	15.416	2092	2096	2100	rVB	197877	238018	5.52%	0.428%
59	15.545	2111	2118	2123	rBV	2579589	3652900	84.65%	6.569%
60	15.586	2123	2125	2130	rVB5	27027	41303	0.96%	0.074%
61	15.651	2130	2136	2144	rBV	550980	774884	17.96%	1.394%
62	15.786	2155	2159	2160	rBV	27084	37114	0.86%	0.067%
63	15.816	2161	2164	2170	rVB	106577	160981	3.73%	0.290%
64	15.910	2175	2180	2185	rVB6	34883	56645	1.31%	0.102%
65	15.968	2186	2190	2196	rBV4	35410	61037	1.41%	0.110%
66	16.033	2197	2201	2207	rVB4	64909	93392	2.16%	0.168%
67	16.245	2231	2237	2240	rBV	399981	593549	13.75%	1.067%
68	16.274	2240	2242	2244	rVV	216951	246826	5.72%	0.444%
69	16.298	2244	2246	2257	rVB	207352	305194	7.07%	0.549%
70	16.615	2296	2300	2308	rBV6	28724	70907	1.64%	0.128%
71	16.845	2333	2339	2342	rBV6	31842	62768	1.45%	0.113%
72	17.063	2372	2376	2380	rBV	200340	242229	5.61%	0.436%
73	17.121	2381	2386	2396	rVB2	125126	215639	5.00%	0.388%
74	17.221	2401	2403	2408	rVB2	48794	51651	1.20%	0.093%
75	17.292	2409	2415	2421	rBV	2294111	3267746	75.72%	5.877%
76	17.392	2425	2432	2439	rBV	2724377	3897448	90.32%	7.009%

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77	17.586	2461	2465	2468	rBV	52935	80087	1.86%	0.144%
78	17.721	2486	2488	2493	rVB4	29804	41931	0.97%	0.075%
79	17.804	2498	2502	2506	rVB	148717	175590	4.07%	0.316%
80	18.015	2535	2538	2543	rVB5	29640	33911	0.79%	0.061%
81	18.192	2564	2568	2576	rVV	288853	406997	9.43%	0.732%
82	18.262	2578	2580	2584	rVB	52981	61531	1.43%	0.111%
83	18.498	2616	2620	2627	rBV	110908	138077	3.20%	0.248%
84	19.127	2723	2727	2733	rBV	112898	144513	3.35%	0.260%
85	19.245	2744	2747	2751	rVB3	42684	54111	1.25%	0.097%
86	19.286	2751	2754	2757	rBV5	50903	72850	1.69%	0.131%
87	19.315	2757	2759	2762	rVV2	53204	70961	1.64%	0.128%
88	19.351	2762	2765	2775	rVB4	120920	224209	5.20%	0.403%
89	19.468	2781	2785	2795	rBV	301746	403732	9.36%	0.726%
90	19.680	2815	2821	2833	rBV	3129676	4315382	100.00%	7.761%
91	20.239	2912	2916	2919	rBV	97027	107991	2.50%	0.194%
92	20.545	2964	2968	2973	rBV2	191144	274546	6.36%	0.494%
93	20.733	2997	3000	3004	rVB	88211	92132	2.13%	0.166%
94	21.192	3073	3078	3088	rBV2	261964	417336	9.67%	0.751%
95	21.468	3120	3125	3131	rBV	2236576	2784879	64.53%	5.008%
96	21.639	3151	3154	3157	rBV	84629	95704	2.22%	0.172%
97	21.786	3176	3179	3185	rVB	88124	122812	2.85%	0.221%
98	22.345	3270	3274	3284	rVB	230685	506151	11.73%	0.910%
99	23.697	3497	3504	3511	rBV2	1441279	2816119	65.26%	5.064%
100	23.850	3524	3530	3542	rVB2	1122549	2289657	53.06%	4.118%

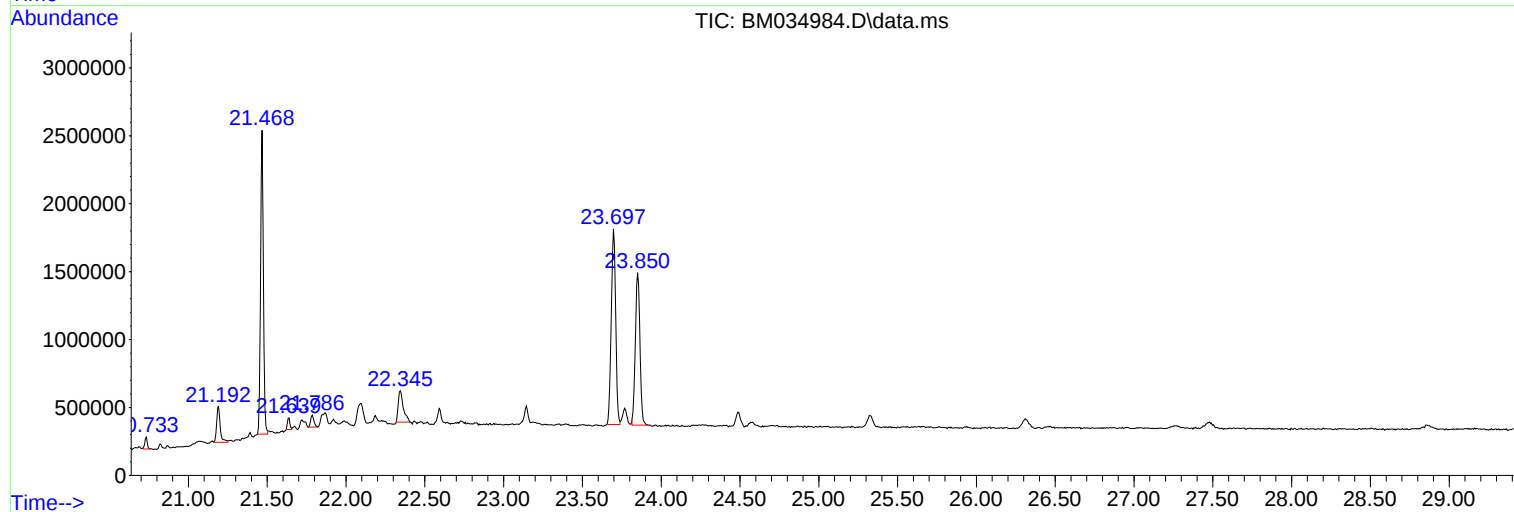
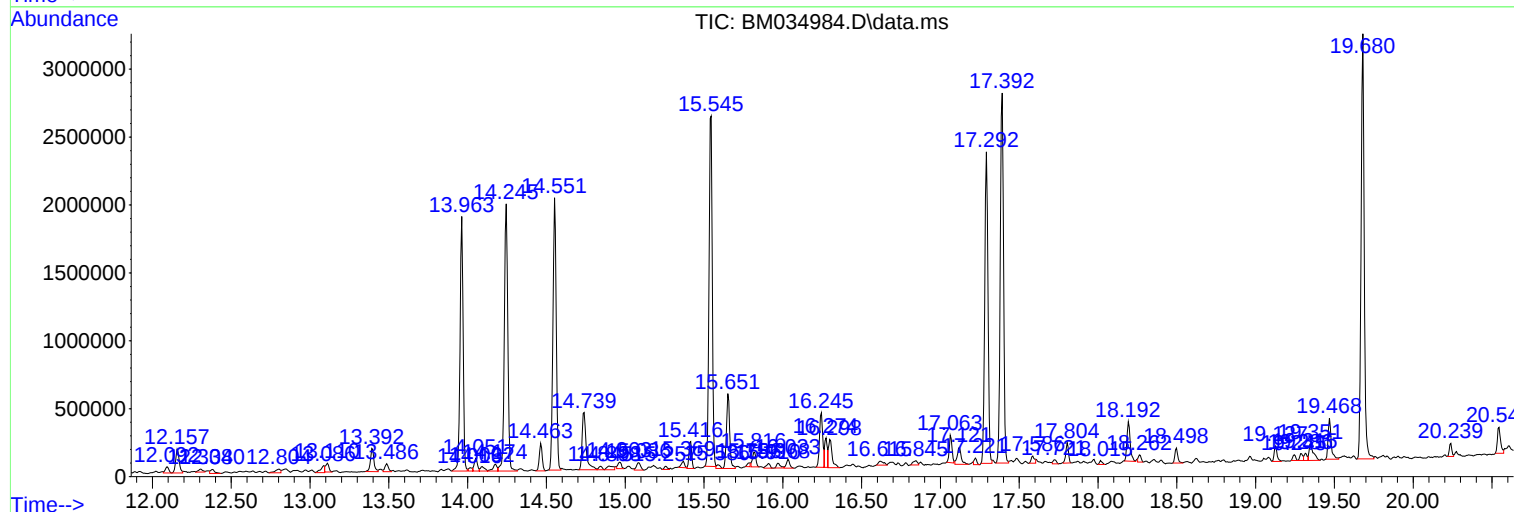
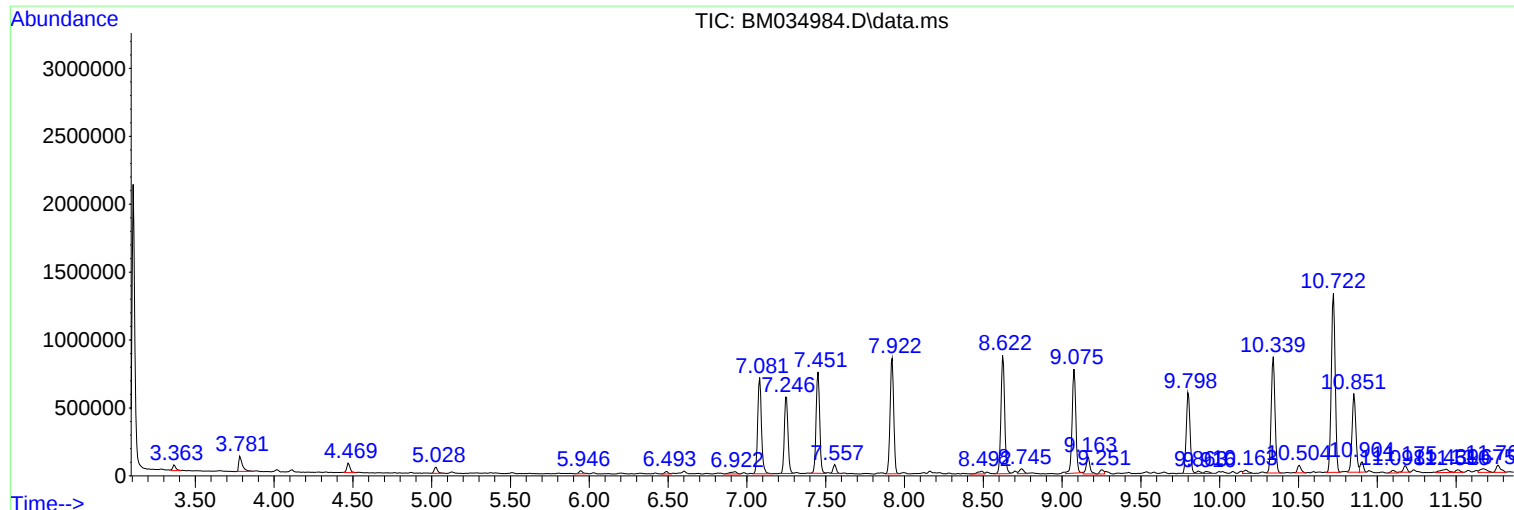
Sum of corrected areas: 55605676

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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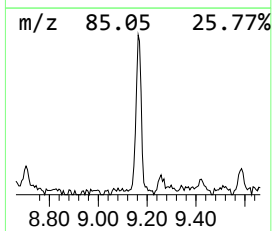
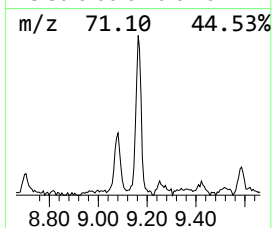
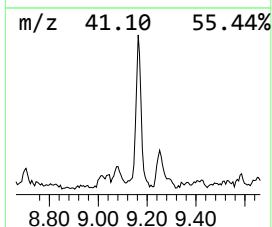
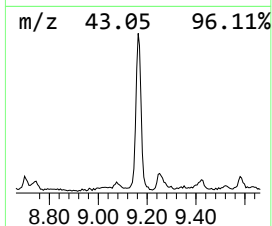
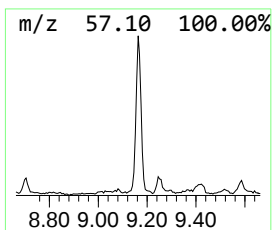
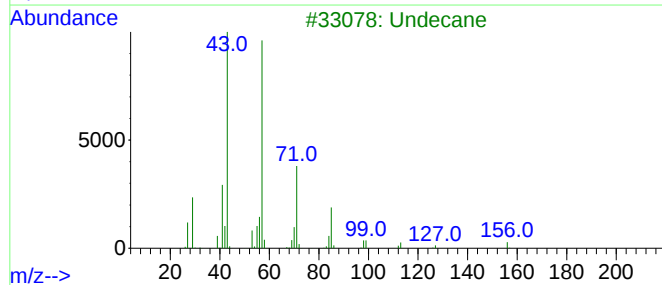
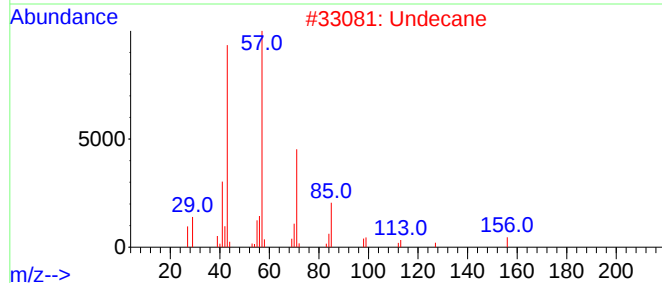
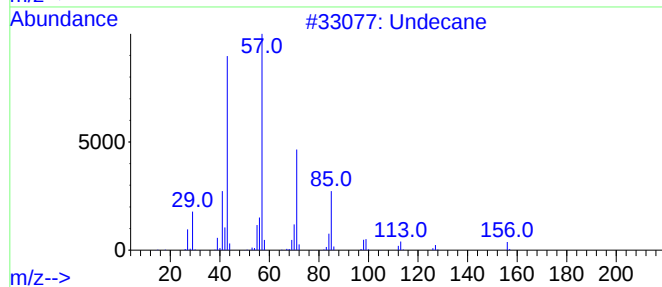
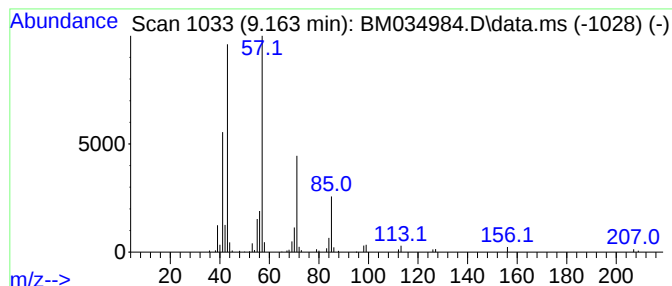
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	2.95 ng/ul	201500	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Undecane			156	C11H24	001120-21-4	91
3	Undecane			156	C11H24	001120-21-4	90
4	Undecane, 2,3-dimethyl-			184	C13H28	017312-77-5	83
5	Tridecane			184	C13H28	000629-50-5	78



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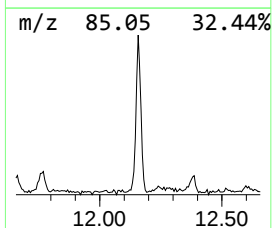
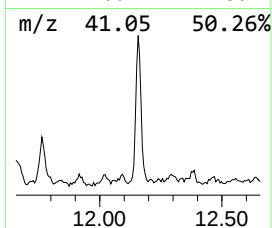
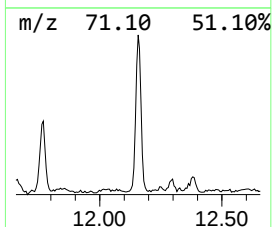
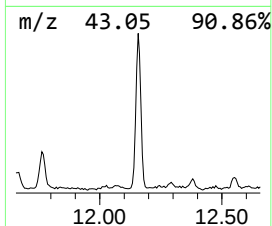
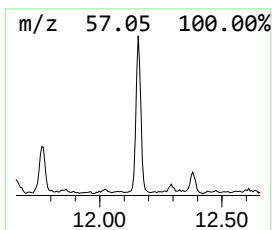
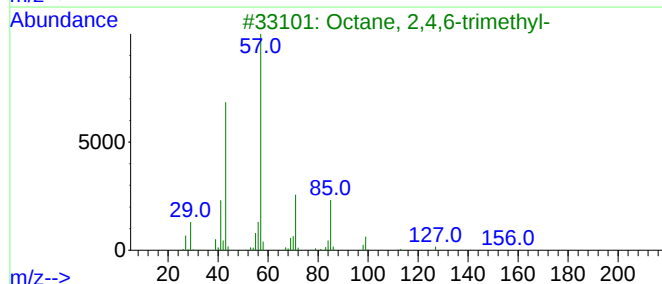
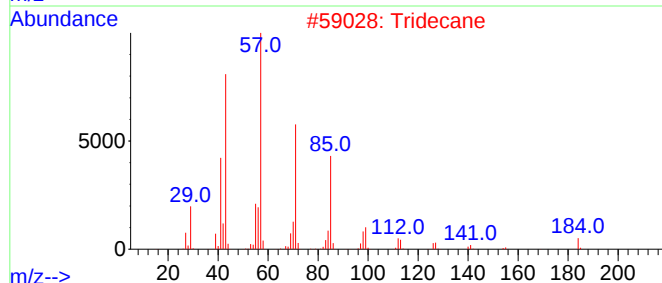
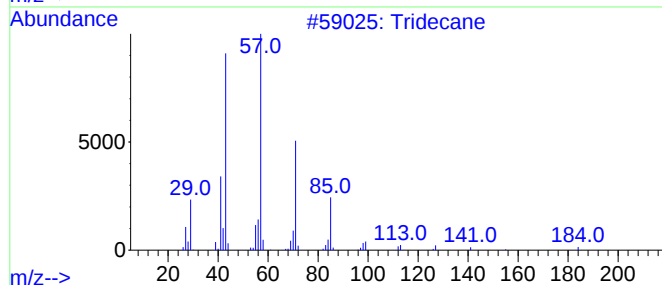
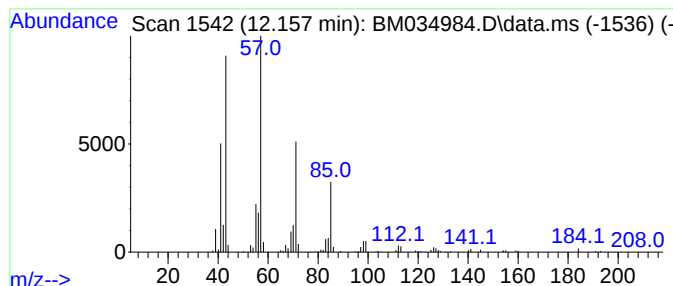
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	2.45 ng/ul	274430	Naphthalene-d8	10.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tridecane	184	C13H28	000629-50-5	94
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



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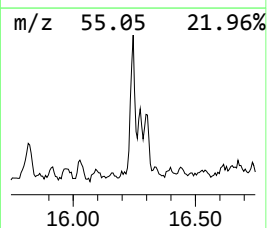
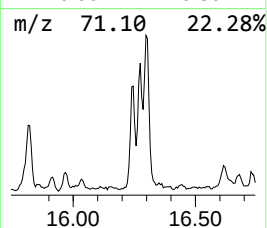
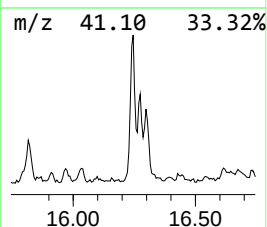
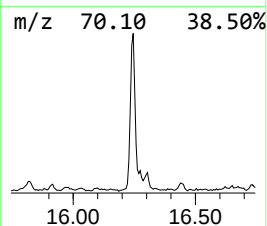
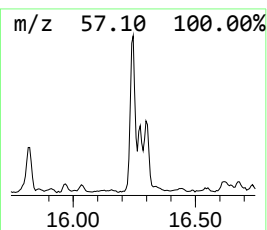
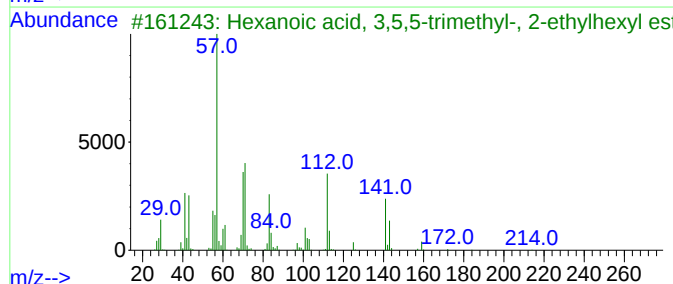
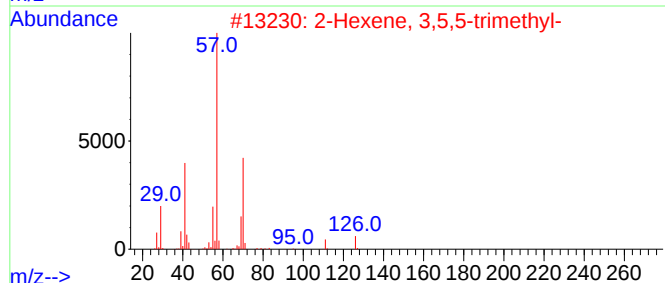
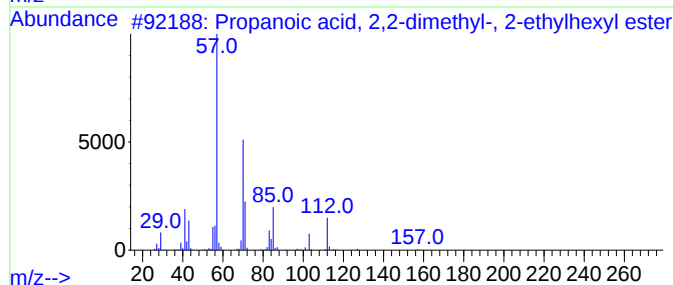
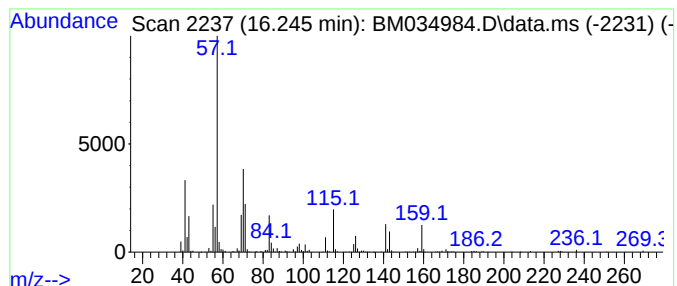
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	3.63 ng/ul	593549	Phenanthrene-d10	17.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	43
2			2-Hexene, 3,5,5-trimethyl-	126	C9H18	026456-76-8	41
3			Hexanoic acid, 3,5,5-trimethyl-,...	270	C17H34O2	1000406-82-2	38
4			1-Butanol, 2-methyl-, trifluoroa...	184	C7H11F3O2	340034-47-1	38
5			Ethyl 2-hexylnonanoate	270	C17H34O2	1000433-21-8	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034984.D
Acq On : 11 May 2022 14:29
Operator : CG/JU
Sample : N2603-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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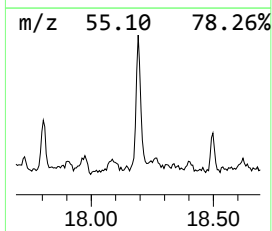
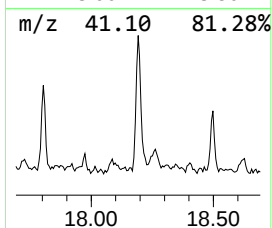
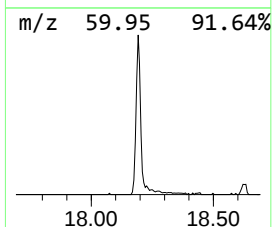
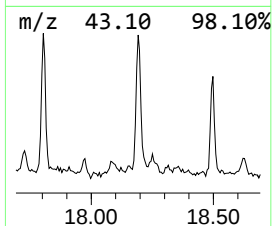
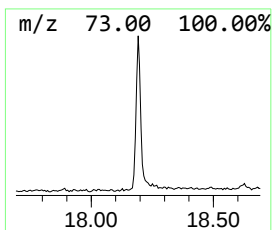
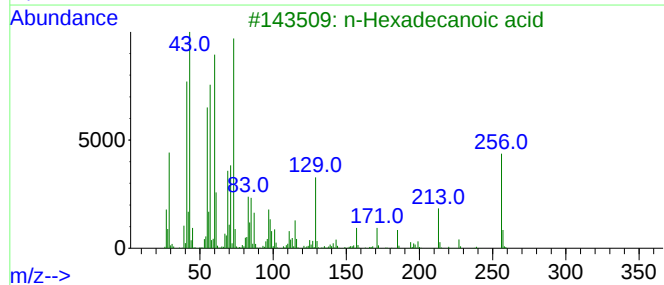
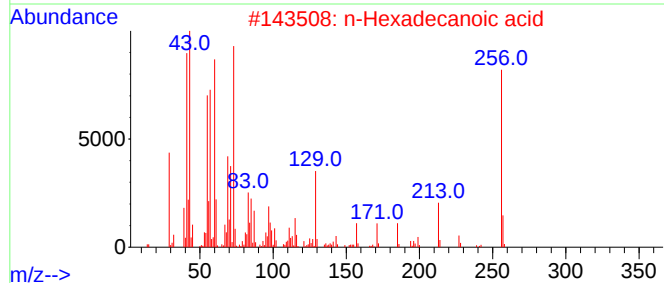
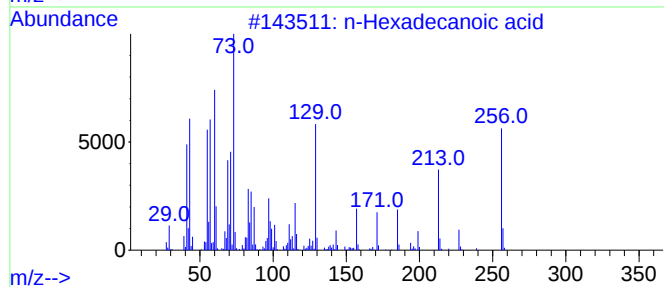
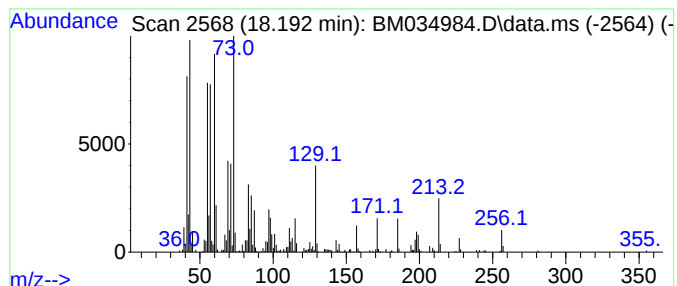
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	2.49 ng/ul	406997	Phenanthrene-d10	17.292

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034984.D
Acq On : 11 May 2022 14:29
Operator : CG/JU
Sample : N2603-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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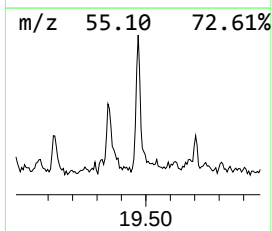
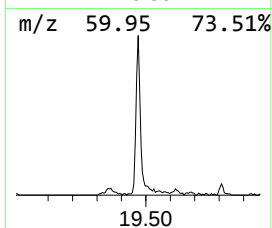
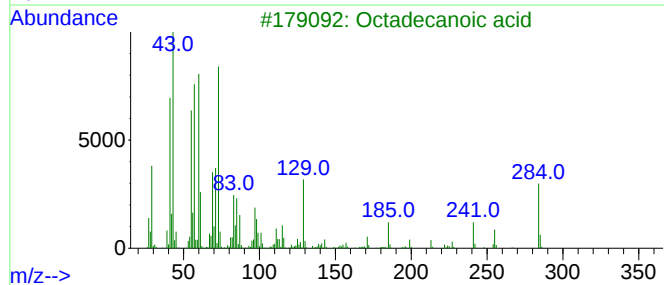
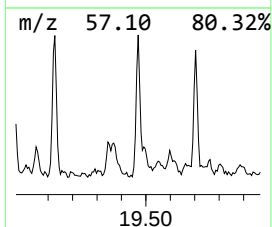
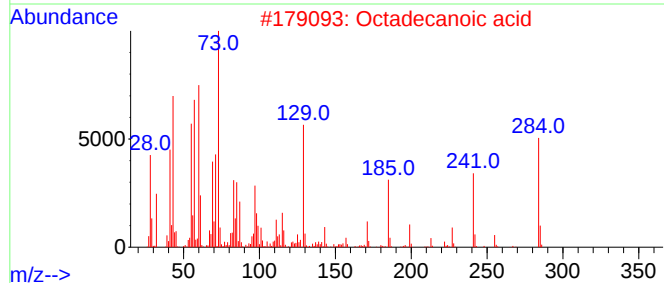
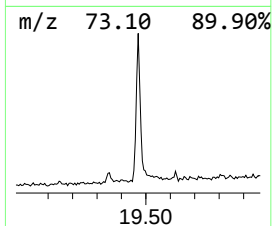
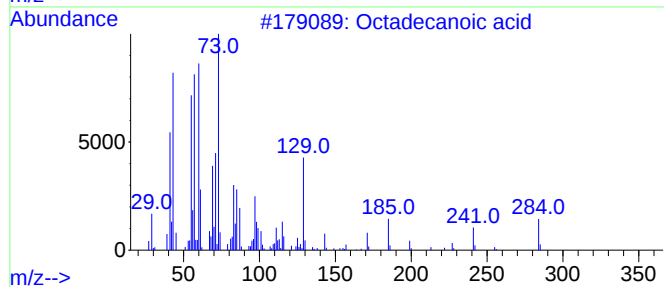
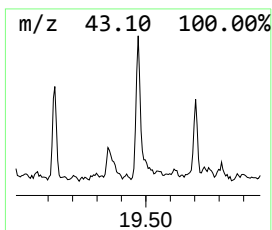
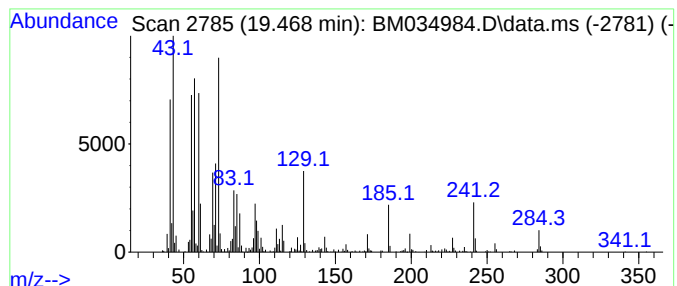
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	2.90 ng/ul	403732	Chrysene-d12	21.468

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			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034984.D
Acq On : 11 May 2022 14:29
Operator : CG/JU
Sample : N2603-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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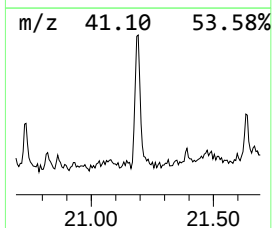
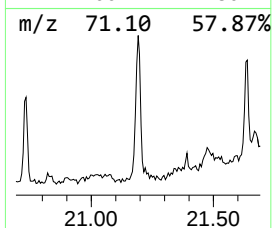
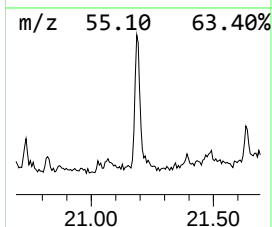
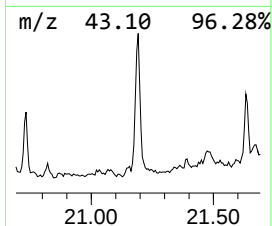
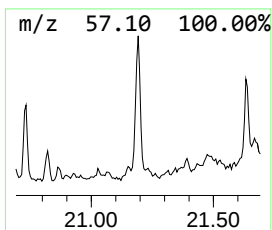
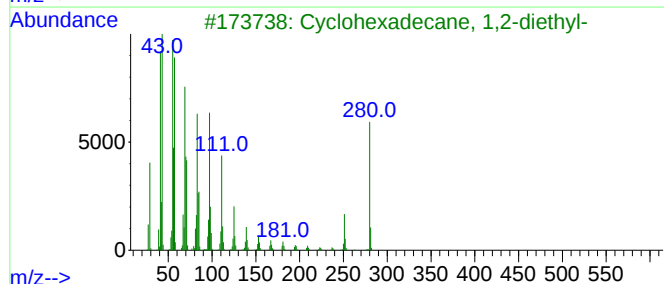
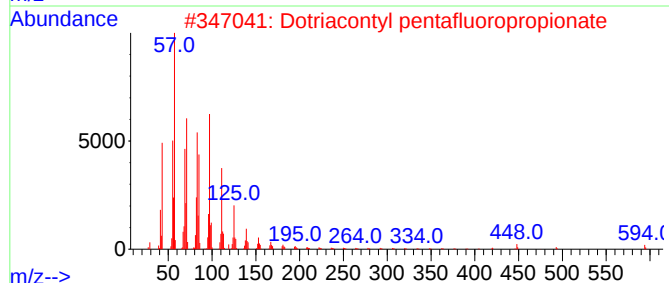
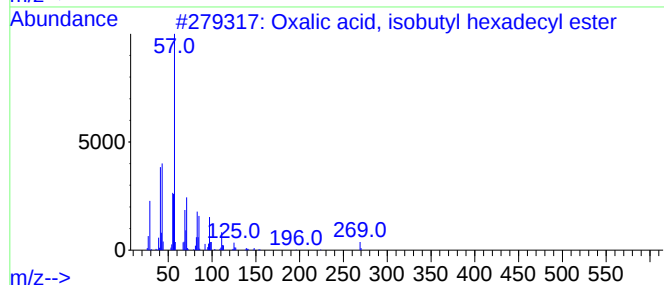
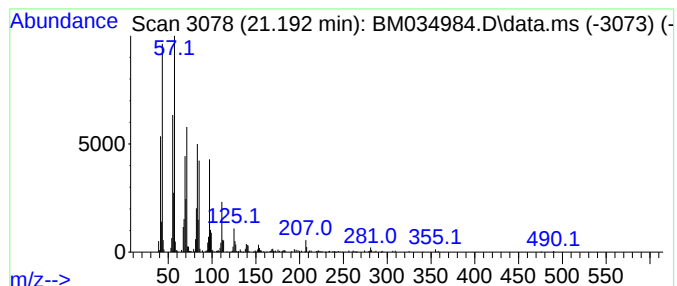
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxalic acid, isobutyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.00 ng/ul	417336	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2			Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
3			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
4			17-Pentatriacontene	491	C35H70	006971-40-0	90
5			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034984.D
Acq On : 11 May 2022 14:29
Operator : CG/JU
Sample : N2603-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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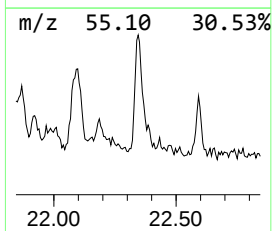
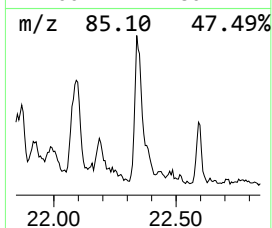
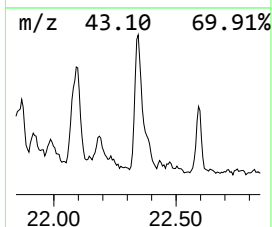
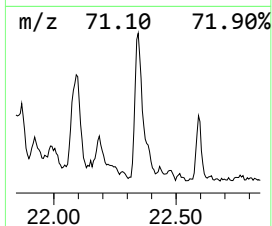
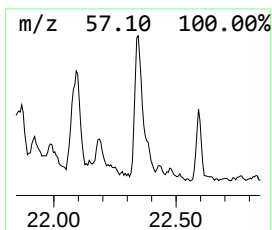
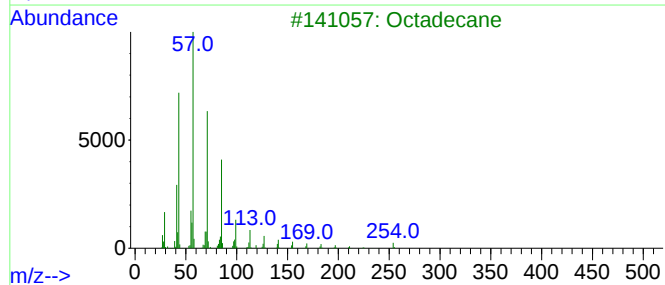
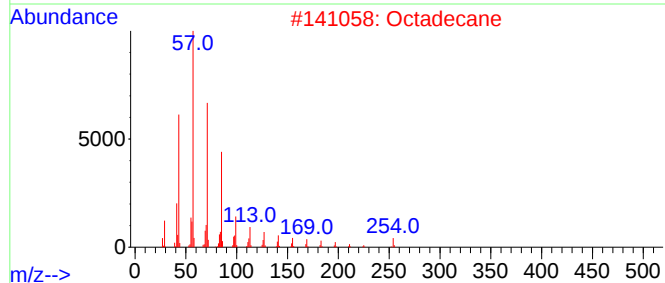
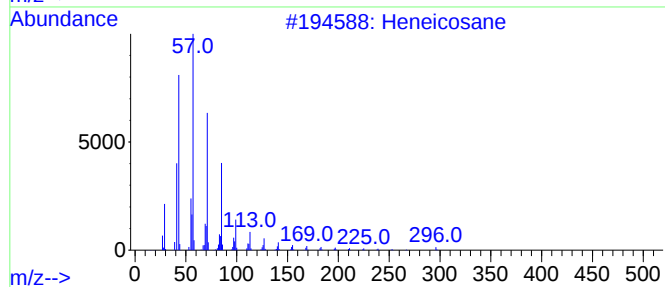
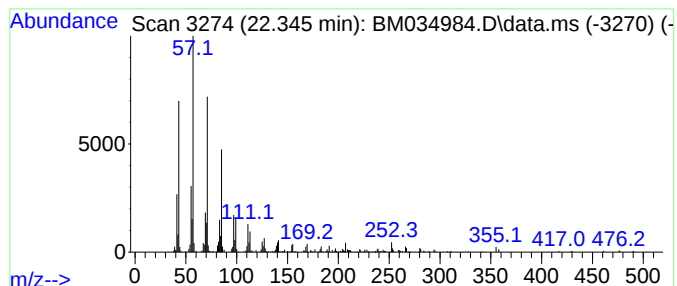
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.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.
22.345	3.63 ng/ul	506151	Chrysene-d12	21.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Octadecane	254	C18H38	000593-45-3	95
3			Octadecane	254	C18H38	000593-45-3	94
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Trtriacontane, 2-methyl-	479	C34H70	066214-27-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034984.D
Acq On : 11 May 2022 14:29
Operator : CG/JU
Sample : N2603-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW498

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: S...	12.157	2.5	ng/u1	274430	2	10.722	2243180	20.0
unknown-01	16.245	3.6	ng/u1	593549	4	17.292	3267750	20.0
n-Hexadecanoic ...	18.192	2.5	ng/u1	406997	4	17.292	3267750	20.0
Octadecanoic acid	19.468	2.9	ng/u1	403732	5	21.468	2784880	20.0
Oxalic acid, is...	21.192	3.0	ng/u1	417336	5	21.468	2784880	20.0
(DEL) Alkane: S...	22.345	3.6	ng/u1	506151	5	21.468	2784880	20.0