

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022352.D
 Acq On : 27 Aug 2019 05:14
 Operator : HP/JU
 Sample : K4464-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJW1

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-BM082219MA.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	3.128	21	24	28	rBV	8719	10042	0.56%	0.064%
2	3.716	119	124	130	rVB	8281	11517	0.64%	0.074%
3	4.204	202	207	214	rVB2	3623	6224	0.35%	0.040%
4	6.745	634	639	651	rBB3	47286	94109	5.26%	0.604%
5	6.898	660	665	675	rBV	140999	231034	12.92%	1.483%
6	7.081	690	696	707	rBV	200313	319098	17.84%	2.049%
7	7.539	769	774	784	rBB	178627	281796	15.76%	1.809%
8	8.269	892	898	914	rVB	145666	253050	14.15%	1.625%
9	8.716	967	974	988	rBV	220337	377108	21.09%	2.421%
10	9.022	1022	1026	1030	rBB	3094	4216	0.24%	0.027%
11	9.422	1088	1094	1104	rBV	216057	363186	20.31%	2.332%
12	9.963	1179	1186	1211	rBV	220533	519322	29.04%	3.335%
13	10.316	1239	1246	1253	rBV	275027	434054	24.27%	2.787%
14	10.516	1274	1280	1292	rBB3	8099	15998	0.89%	0.103%
15	11.933	1517	1521	1525	rBB2	2592	3967	0.22%	0.025%
16	13.627	1803	1809	1814	rBV	622897	879141	49.16%	5.645%
17	13.674	1814	1817	1825	rVB	51655	73135	4.09%	0.470%
18	13.892	1847	1854	1868	rBV	712542	1023520	57.23%	6.572%
19	14.086	1883	1887	1893	rBB	1380	2425	0.14%	0.016%
20	14.198	1900	1906	1915	rBB	455744	646481	36.15%	4.151%
21	14.509	1954	1959	1973	rBV3	18367	59748	3.34%	0.384%
22	14.639	1978	1981	1987	rVB2	4548	7309	0.41%	0.047%
23	15.204	2071	2077	2087	rBV	902380	1291144	72.19%	8.290%
24	15.274	2087	2089	2095	rVB3	1806	2896	0.16%	0.019%
25	15.374	2101	2106	2115	rBV	261047	389696	21.79%	2.502%
26	15.445	2115	2118	2123	rVB3	11762	15203	0.85%	0.098%
27	15.904	2193	2196	2200	rVB	3188	3595	0.20%	0.023%
28	15.992	2208	2211	2213	rBV2	2949	2817	0.16%	0.018%
29	16.245	2251	2254	2255	rBV2	1749	2150	0.12%	0.014%
30	16.274	2258	2259	2265	rBV	1170	1941	0.11%	0.012%
31	16.474	2287	2293	2295	rBV2	1135	2048	0.11%	0.013%
32	16.756	2334	2341	2345	rBV4	12365	18201	1.02%	0.117%
33	16.839	2351	2355	2359	rVB4	1313	2259	0.13%	0.015%
34	16.962	2370	2376	2387	rBV2	575571	814705	45.55%	5.231%

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35	17.062	2387	2393	2403	rBV	1078650	1505818	84.20%	9.669%
36	17.303	2432	2434	2438	rBV2	3727	4353	0.24%	0.028%
37	17.862	2523	2529	2537	rBV	123274	174917	9.78%	1.123%
38	17.939	2541	2542	2545	rVB3	2864	1994	0.11%	0.013%
39	18.356	2612	2613	2617	rVB4	2158	2390	0.13%	0.015%
40	18.392	2617	2619	2621	rBV3	1911	2307	0.13%	0.015%
41	18.474	2631	2633	2636	rVB2	2974	2853	0.16%	0.018%
42	18.509	2636	2639	2644	rBV2	10146	13311	0.74%	0.085%
43	18.550	2644	2646	2649	rVV4	4749	5416	0.30%	0.035%
44	18.574	2649	2650	2654	rVB4	1924	2091	0.12%	0.013%
45	18.715	2672	2674	2677	rBV3	2133	1966	0.11%	0.013%
46	18.774	2681	2684	2686	rBV3	2839	2686	0.15%	0.017%
47	19.003	2719	2723	2726	rBV	22949	31902	1.78%	0.205%
48	19.150	2742	2748	2754	rBV2	73291	106295	5.94%	0.683%
49	19.262	2762	2767	2770	rVB	7190	9711	0.54%	0.062%
50	19.374	2780	2786	2795	rBV	1380090	1788446	100.00%	11.484%
51	19.603	2823	2825	2826	rBV2	3190	2480	0.14%	0.016%
52	20.403	2958	2961	2966	rBV6	12631	18756	1.05%	0.120%
53	20.444	2966	2968	2969	rBV	5704	3115	0.17%	0.020%
54	20.874	3037	3041	3049	rBV2	87378	118684	6.64%	0.762%
55	21.174	3087	3092	3098	rBV	588015	774073	43.28%	4.970%
56	21.303	3111	3114	3118	rBV2	26162	34620	1.94%	0.222%
57	21.727	3184	3186	3190	rVB3	27168	24849	1.39%	0.160%
58	21.815	3197	3201	3205	rVB3	90492	108603	6.07%	0.697%
59	21.915	3214	3218	3224	rBV	224209	279332	15.62%	1.794%
60	22.174	3259	3262	3267	rVB2	43899	51890	2.90%	0.333%
61	22.662	3342	3345	3348	rVB	54890	68400	3.82%	0.439%
62	23.227	3433	3441	3453	rVB	762963	1400790	78.32%	8.994%
63	23.368	3459	3465	3472	rVB	362068	661423	36.98%	4.247%
64	24.297	3619	3623	3633	rVB3	108349	207289	11.59%	1.331%

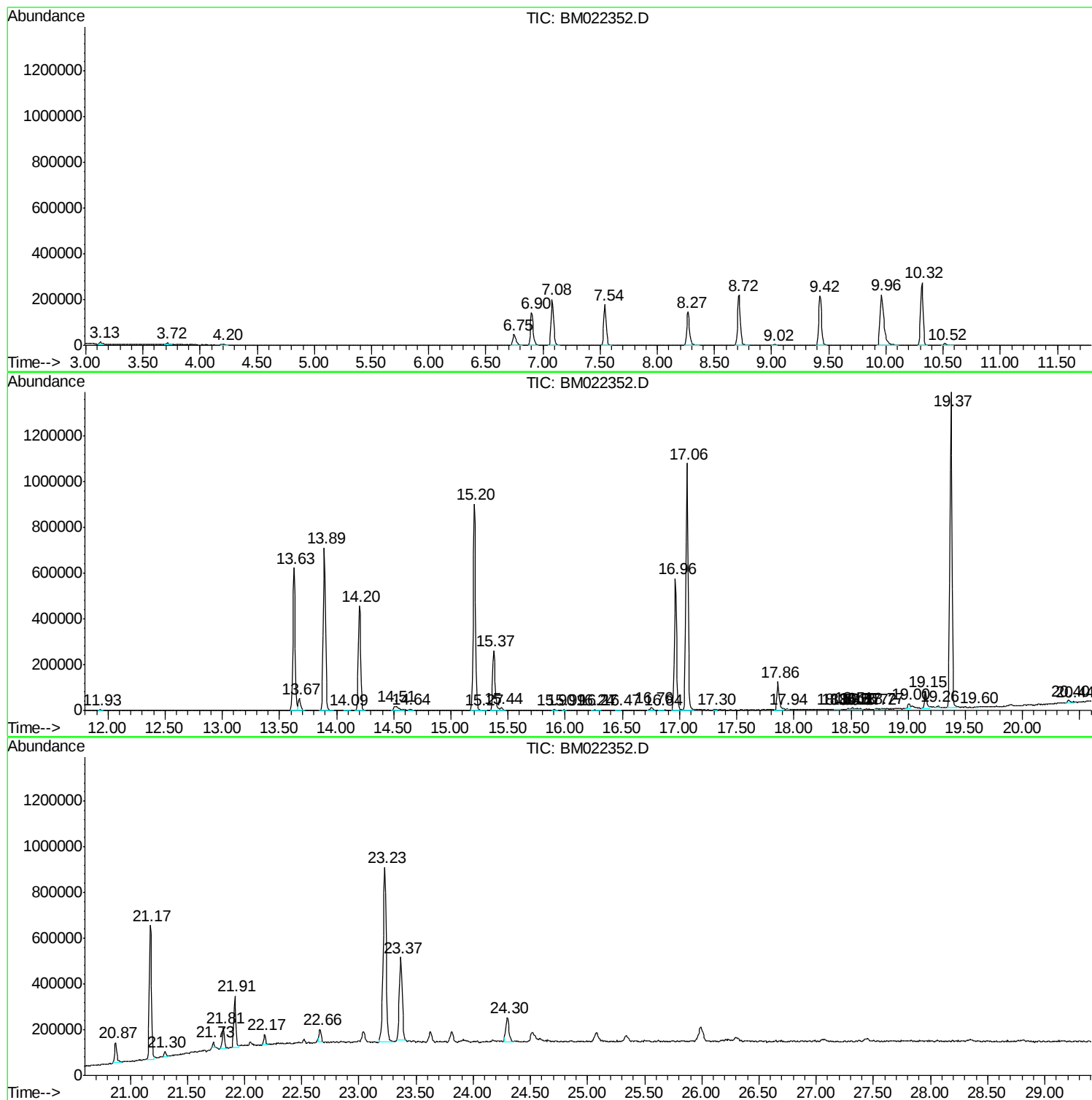
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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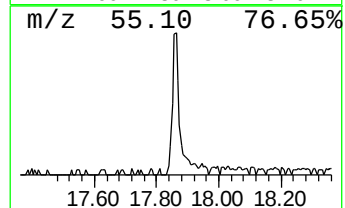
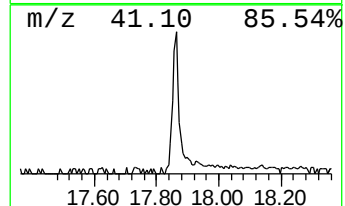
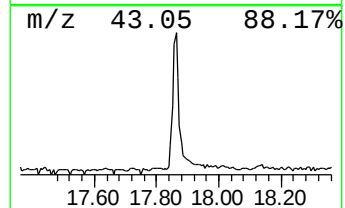
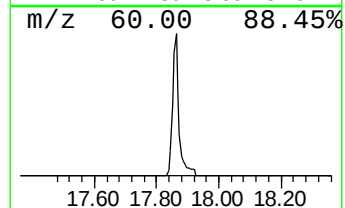
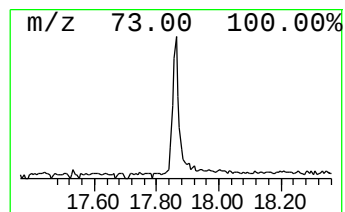
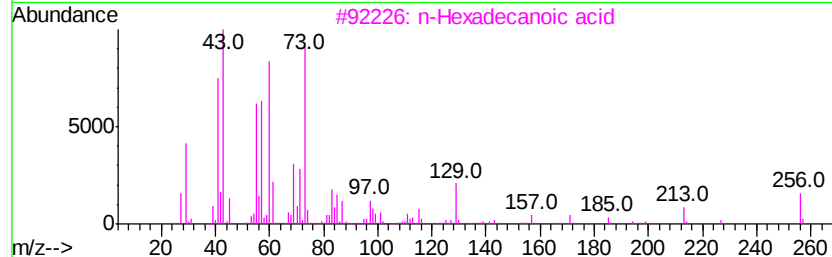
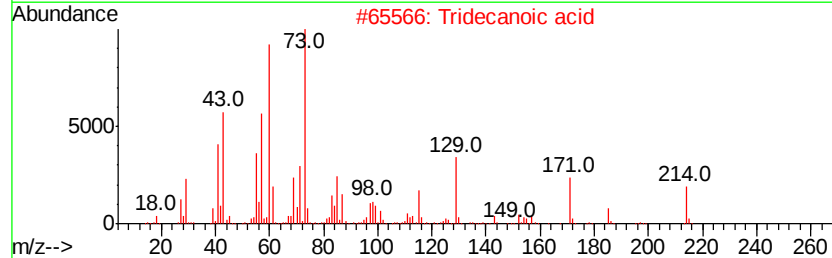
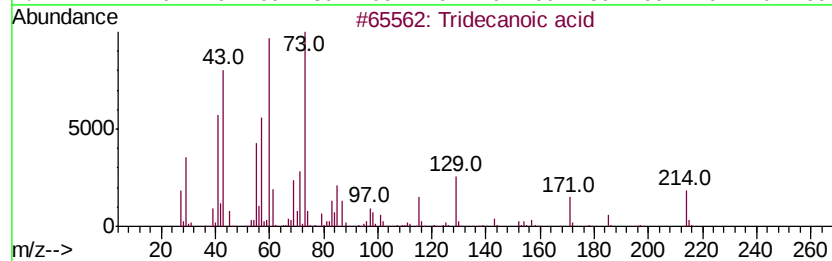
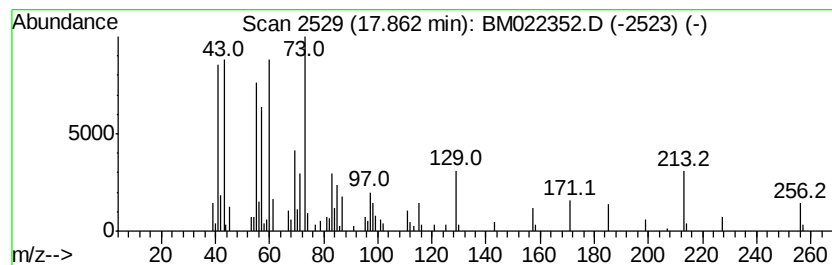
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.86	4.29 ng/ul	174917	Phenanthrene-d10		16.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60



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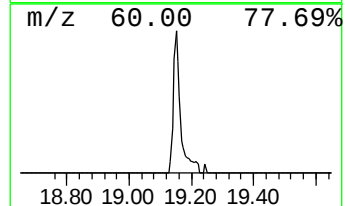
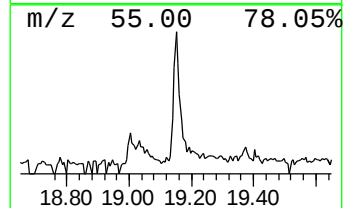
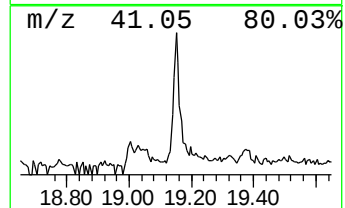
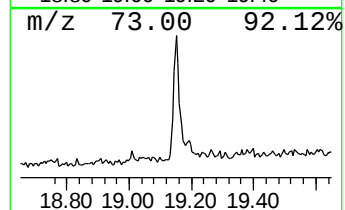
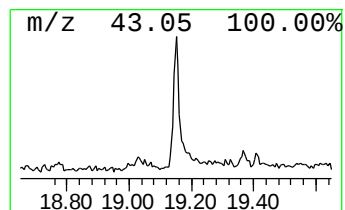
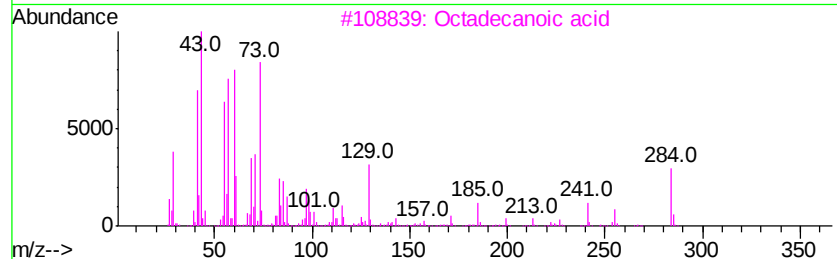
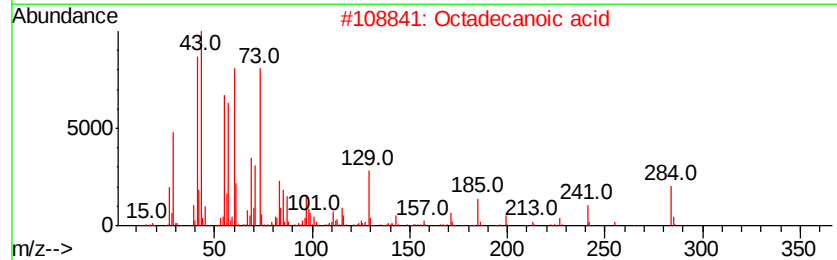
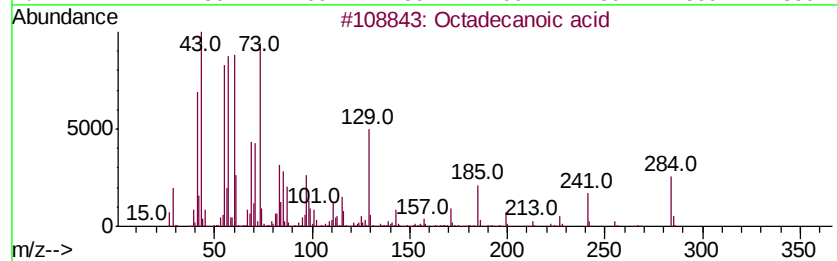
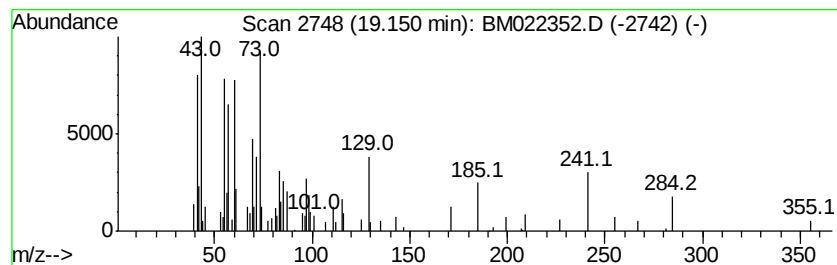
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.75 ng/ul	106295	Chrysene-d12	21.17

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	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87



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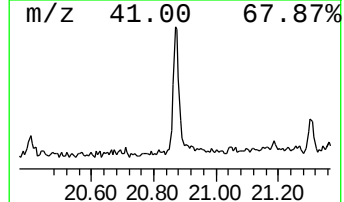
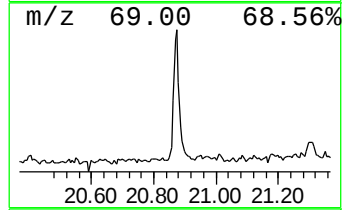
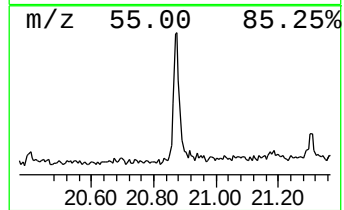
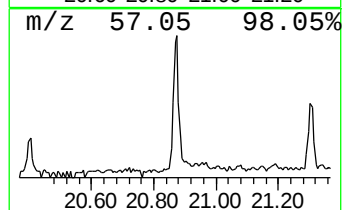
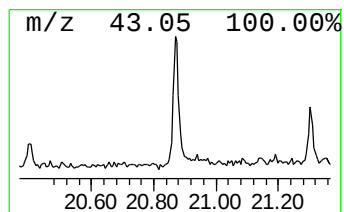
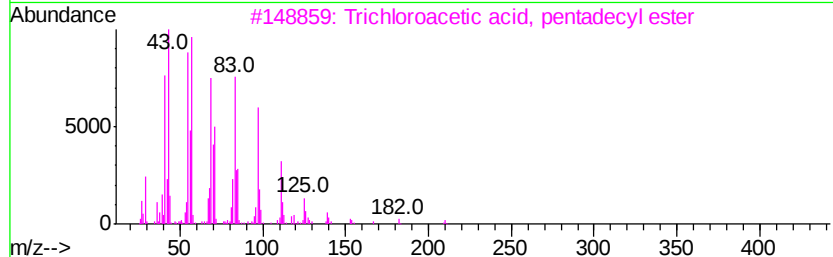
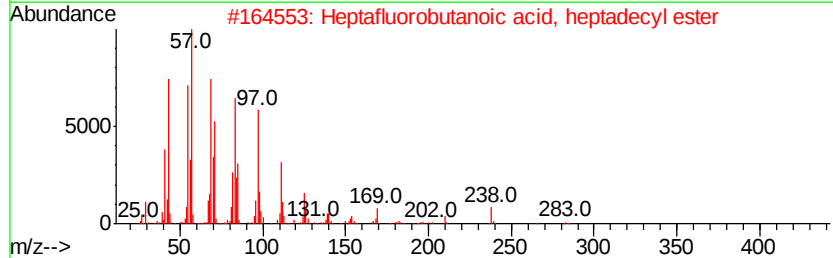
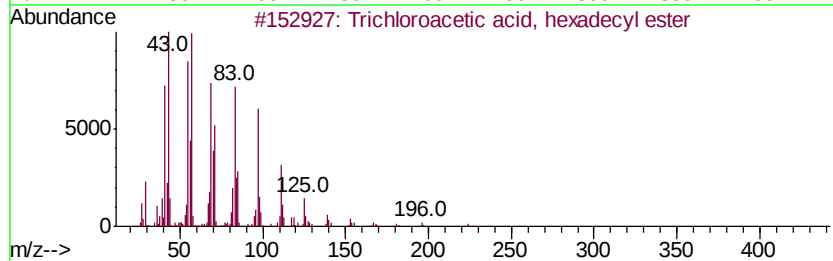
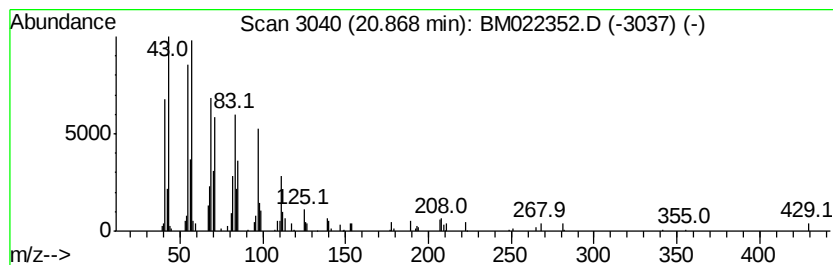
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.07 ng/ul	118684	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90
5		1-Tricosene	322	C23H46	018835-32-0	90



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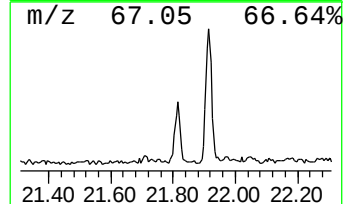
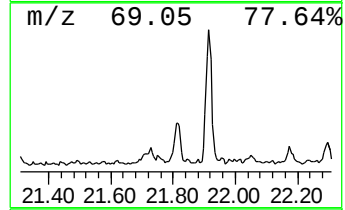
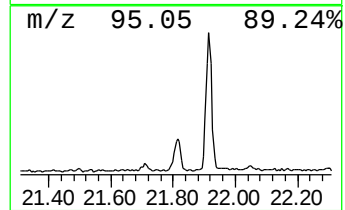
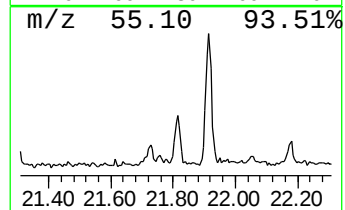
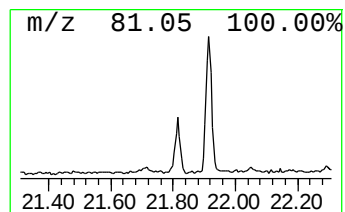
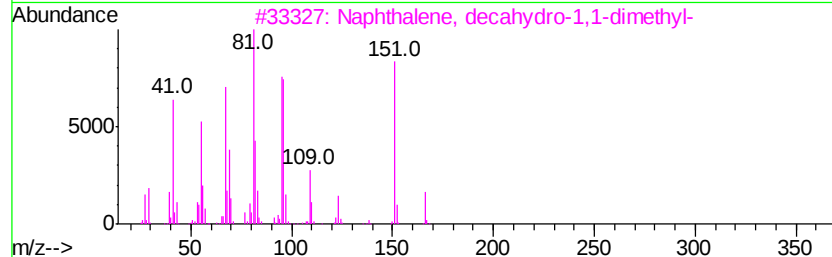
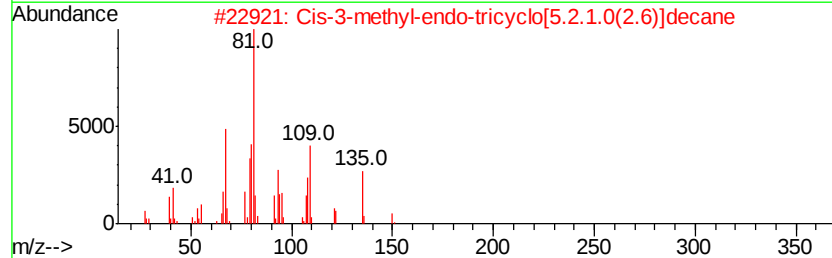
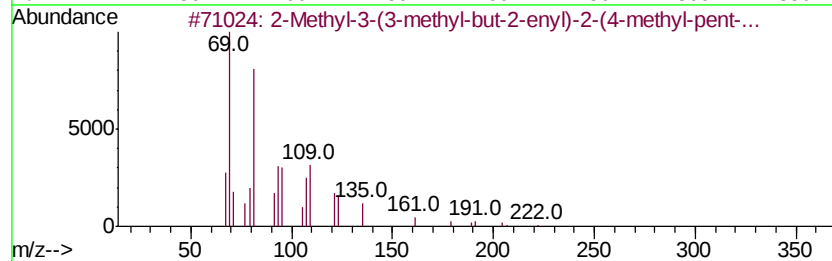
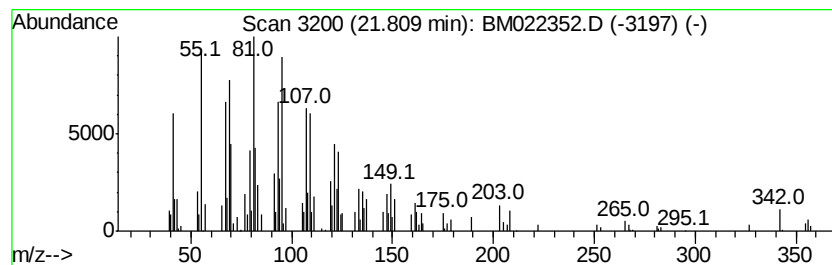
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Peak Number 4 2-Methyl-3-(3-methyl-but-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.81 ng/ul	108603	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	72
2		Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	35
3		Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	35
4		1,5-Cycloundecadiene, 8,8-dimeth...	190	C14H22	062338-54-9	35
5		1,3,3-Trimethyl-2-hydroxymethyl-...	222	C15H26O	1000144-10-7	27



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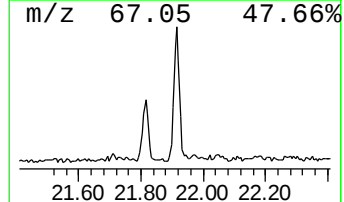
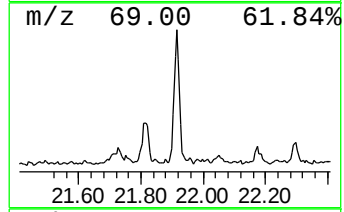
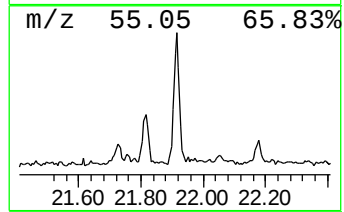
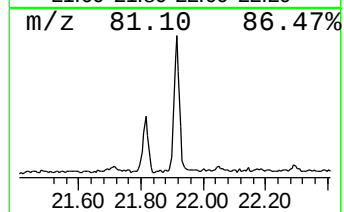
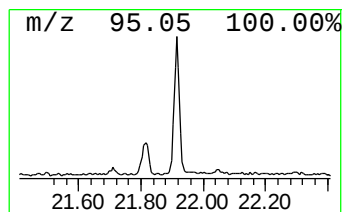
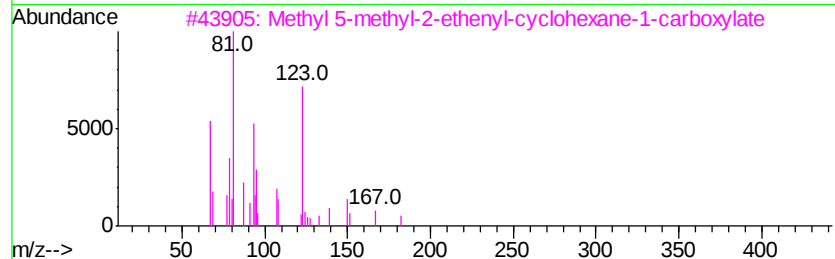
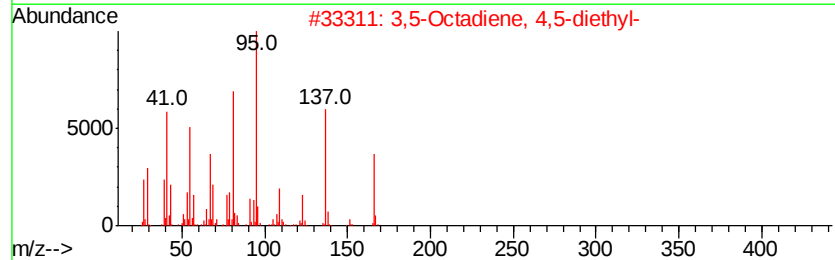
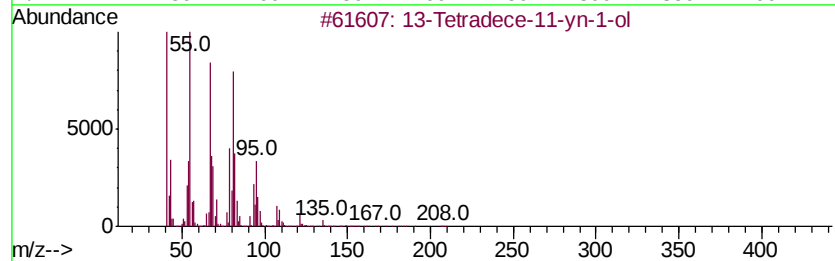
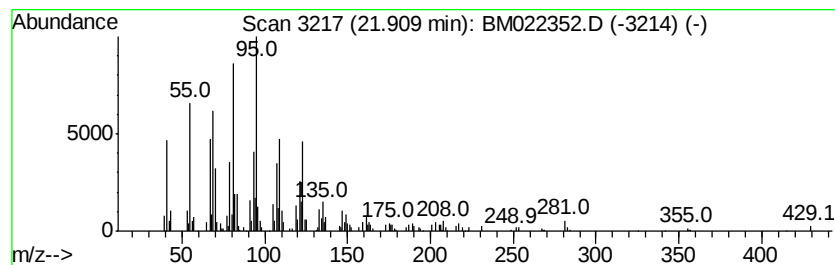
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 13-Tetradecene-11-yn-1-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	7.22 ng/ul	279332	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Tetradecene-11-yn-1-ol	208	C14H24O	1000131-00-4	52
2		3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	50
3		Methyl 5-methyl-2-ethenyl-cyclohex...	182	C11H18O2	1000144-54-1	43
4		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	42
5		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022352.D
Acq On : 27 Aug 2019 05:14
Operator : HP/JU
Sample : K4464-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJW1

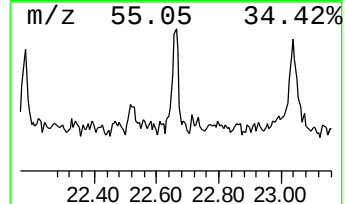
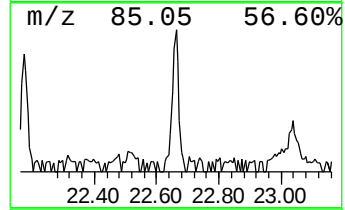
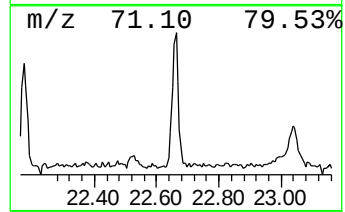
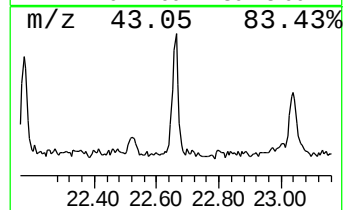
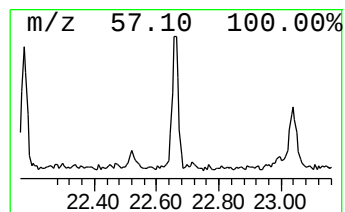
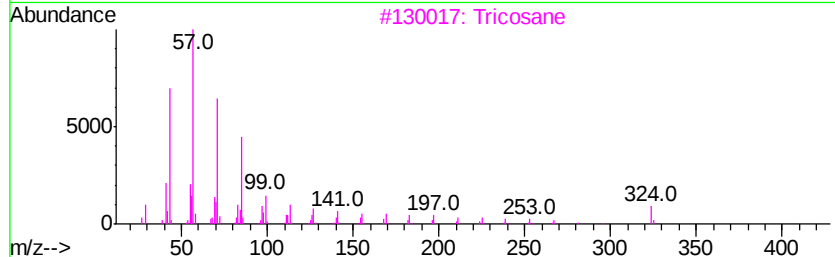
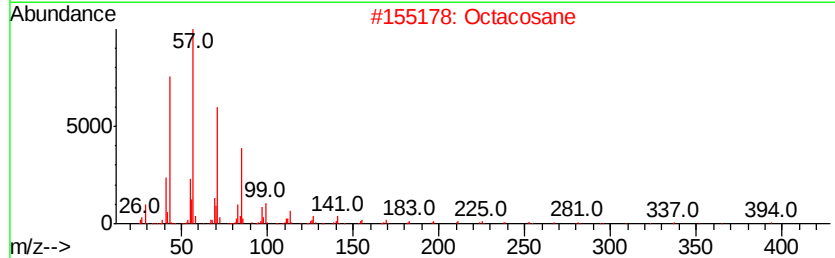
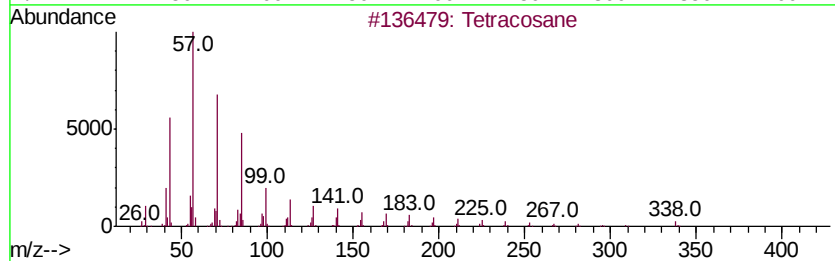
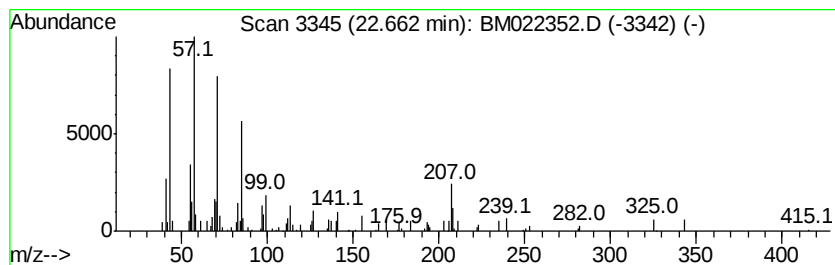
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.07 ng/ul	68400	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	70
2		Octacosane	394	C28H58	000630-02-4	70
3		Tricosane	324	C23H48	000638-67-5	68
4		Tetracosane	338	C24H50	000646-31-1	62
5		Docosane	310	C22H46	000629-97-0	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022352.D
Acq On : 27 Aug 2019 05:14
Operator : HP/JU
Sample : K4464-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJW1

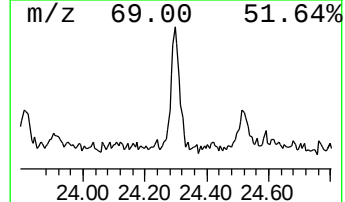
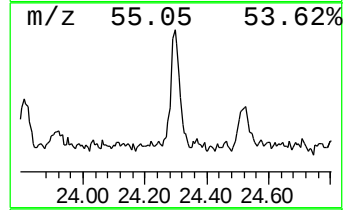
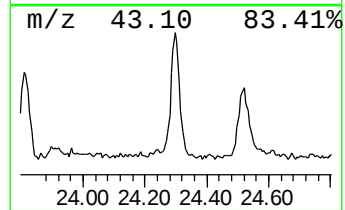
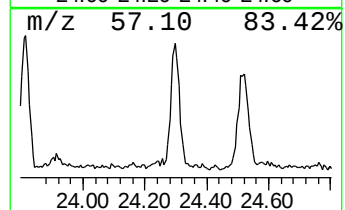
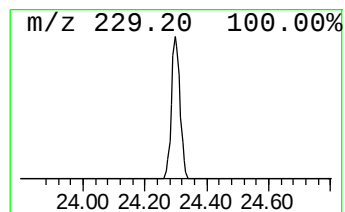
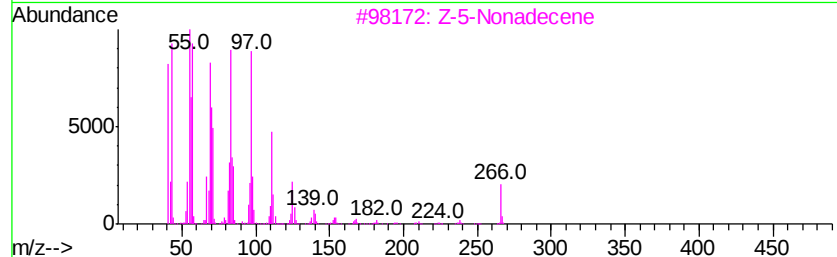
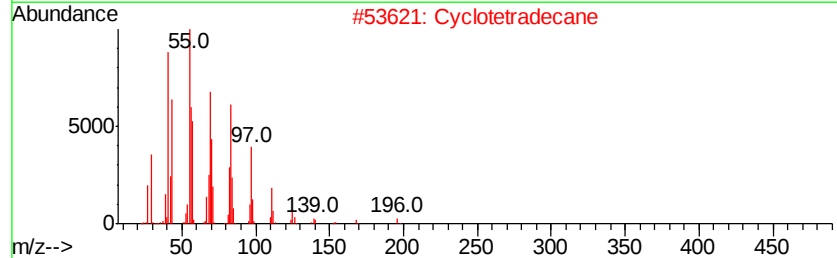
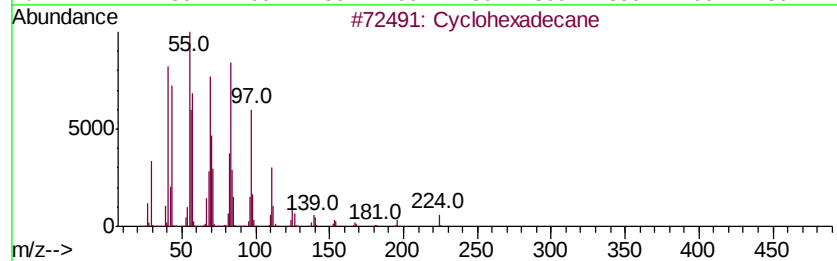
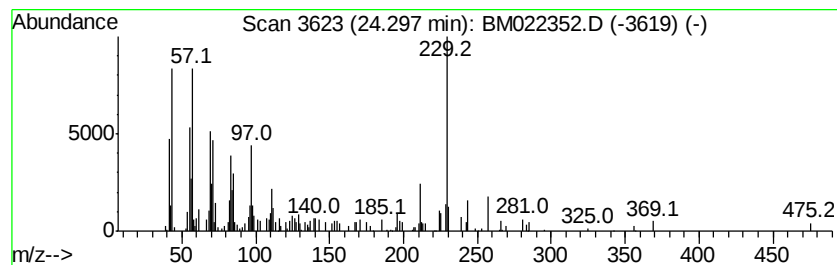
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic24.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	6.27 ng/ul	207289	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	55
2		Cyclotetradecane	196	C14H28	000295-17-0	55
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	55
4		Tetradecanoic acid, tetradecyl e...	424	C28H56O2	003234-85-3	53
5		9-Nonadecene	266	C19H38	031035-07-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022352.D
Acq On : 27 Aug 2019 05:14
Operator : HP/JU
Sample : K4464-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJW1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Tridecanoic acid	17.86	4.3	ng/ul	174917	4	16.96	814705	20.0
Octadecanoic acid	19.15	2.8	ng/ul	106295	5	21.17	774073	20.0
Trichloroacetic a...	20.87	3.1	ng/ul	118684	5	21.17	774073	20.0
2-Methyl-3-(3-met...	21.81	2.8	ng/ul	108603	5	21.17	774073	20.0
13-Tetradecene-11-y...	21.91	7.2	ng/ul	279332	5	21.17	774073	20.0
(DEL) Alkane: Str...	22.66	2.1	ng/ul	68400	6	23.37	661423	20.0
(DEL) Alkane: Cyc...	24.30	6.3	ng/ul	207289	6	23.37	661423	20.0