

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030129.D
 Acq On : 22 May 2021 01:09
 Operator : CG/JU
 Sample : M2474-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB409

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\SFAM-EPA-BM050721.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	22	25	35	rVB2	18692	33532	0.64%	0.073%
2	3.652	127	130	139	rVB2	16584	28431	0.54%	0.062%
3	3.746	142	146	153	rVB4	8672	14772	0.28%	0.032%
4	5.922	513	516	522	rBV4	5403	8628	0.16%	0.019%
5	6.704	645	649	665	rBV	95015	216356	4.11%	0.472%
6	6.857	669	675	687	rBV	467188	815994	15.49%	1.779%
7	7.045	701	707	722	rBV	543696	962354	18.26%	2.098%
8	7.510	779	786	797	rBV	531771	924068	17.54%	2.014%
9	8.228	903	908	930	rBV	345183	695000	13.19%	1.515%
10	8.663	976	982	1002	rBV	622463	1166840	22.15%	2.543%
11	9.081	1048	1053	1059	rVB7	4475	7813	0.15%	0.017%
12	9.381	1096	1104	1121	rBV	541015	1003477	19.05%	2.187%
13	9.916	1189	1195	1219	rBV	562524	1324899	25.15%	2.888%
14	10.281	1250	1257	1271	rBV	822059	1409356	26.75%	3.072%
15	10.492	1287	1293	1298	rBV5	9889	27566	0.52%	0.060%
16	11.480	1455	1461	1469	rBV8	2338	5315	0.10%	0.012%
17	11.675	1490	1494	1499	rBV5	6459	12212	0.23%	0.027%
18	11.904	1523	1533	1538	rBV7	9987	20205	0.38%	0.044%
19	12.504	1627	1635	1641	rBV5	7139	16088	0.31%	0.035%
20	12.763	1673	1679	1684	rVB3	11510	18741	0.36%	0.041%
21	13.063	1723	1730	1739	rBV	352915	545472	10.35%	1.189%
22	13.133	1739	1742	1750	rVB9	4456	9499	0.18%	0.021%
23	13.580	1812	1818	1824	rBV	1656700	2397488	45.50%	5.226%
24	13.627	1824	1826	1840	rVB	58647	105418	2.00%	0.230%
25	13.851	1857	1864	1883	rBV	1992433	2909795	55.23%	6.343%
26	14.157	1910	1916	1933	rBV	1349365	1996156	37.89%	4.351%
27	14.416	1955	1960	1961	rBV3	8857	11361	0.22%	0.025%
28	14.445	1961	1965	1966	rBV4	12462	15144	0.29%	0.033%
29	14.621	1991	1995	2000	rVB8	5328	9392	0.18%	0.020%
30	14.974	2051	2055	2058	rVV2	6216	9396	0.18%	0.020%
31	15.004	2058	2060	2063	rVB2	7181	7561	0.14%	0.016%
32	15.157	2080	2086	2105	rBV	2598592	3776773	71.68%	8.232%
33	15.298	2105	2110	2124	rVV	1472808	2158749	40.97%	4.706%
34	15.404	2125	2128	2141	rVB2	42085	80232	1.52%	0.175%

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35	15.545	2148	2152	2157	rVB7	6307	11807	0.22%	0.026%
36	15.721	2180	2182	2192	rVB8	3022	6799	0.13%	0.015%
37	15.851	2201	2204	2209	rVB7	4549	5900	0.11%	0.013%
38	15.951	2217	2221	2225	rVB5	9971	13153	0.25%	0.029%
39	16.068	2236	2241	2246	rVB8	4243	8663	0.16%	0.019%
40	16.145	2251	2254	2260	rVB3	5182	6870	0.13%	0.015%
41	16.651	2336	2340	2344	rBV6	3599	5313	0.10%	0.012%
42	16.698	2344	2348	2353	rBV4	6028	12281	0.23%	0.027%
43	16.910	2377	2384	2394	rBV	1611418	2283602	43.34%	4.978%
44	17.010	2394	2401	2417	rVV	3064422	4483909	85.10%	9.774%
45	17.145	2421	2424	2431	rVV8	16533	30587	0.58%	0.067%
46	17.227	2432	2438	2450	rVV2	128912	215886	4.10%	0.471%
47	17.315	2450	2453	2457	rVB6	5713	9826	0.19%	0.021%
48	17.586	2495	2499	2504	rVB7	8218	11844	0.22%	0.026%
49	17.821	2534	2539	2547	rBV	95657	169155	3.21%	0.369%
50	17.892	2547	2551	2556	rVB	20161	30517	0.58%	0.067%
51	18.109	2583	2588	2598	rBV10	6381	15733	0.30%	0.034%
52	18.586	2666	2669	2672	rBV5	5206	8229	0.16%	0.018%
53	18.686	2681	2686	2696	rBV	204355	349862	6.64%	0.763%
54	18.951	2726	2731	2736	rBV2	41635	76546	1.45%	0.167%
55	19.009	2736	2741	2745	rVB	131981	161283	3.06%	0.352%
56	19.109	2755	2758	2763	rBV4	26053	42135	0.80%	0.092%
57	19.198	2769	2773	2777	rBV2	28893	34735	0.66%	0.076%
58	19.309	2786	2792	2809	rBV	3850818	5268961	100.00%	11.485%
59	19.462	2815	2818	2823	rVB6	16000	19546	0.37%	0.043%
60	19.845	2878	2883	2893	rBV	157837	294842	5.60%	0.643%
61	20.198	2940	2943	2947	rBV	39442	44737	0.85%	0.098%
62	20.827	3046	3050	3060	rBV	278340	428764	8.14%	0.935%
63	21.103	3091	3097	3110	rBV	1697699	2355058	44.70%	5.133%
64	22.597	3348	3351	3357	rVB2	93051	124744	2.37%	0.272%
65	23.103	3431	3437	3448	rBV	2313099	4366294	82.87%	9.518%
66	23.239	3454	3460	3472	rBV2	1023047	2010959	38.17%	4.383%
67	23.738	3541	3545	3551	rVB2	130848	223779	4.25%	0.488%

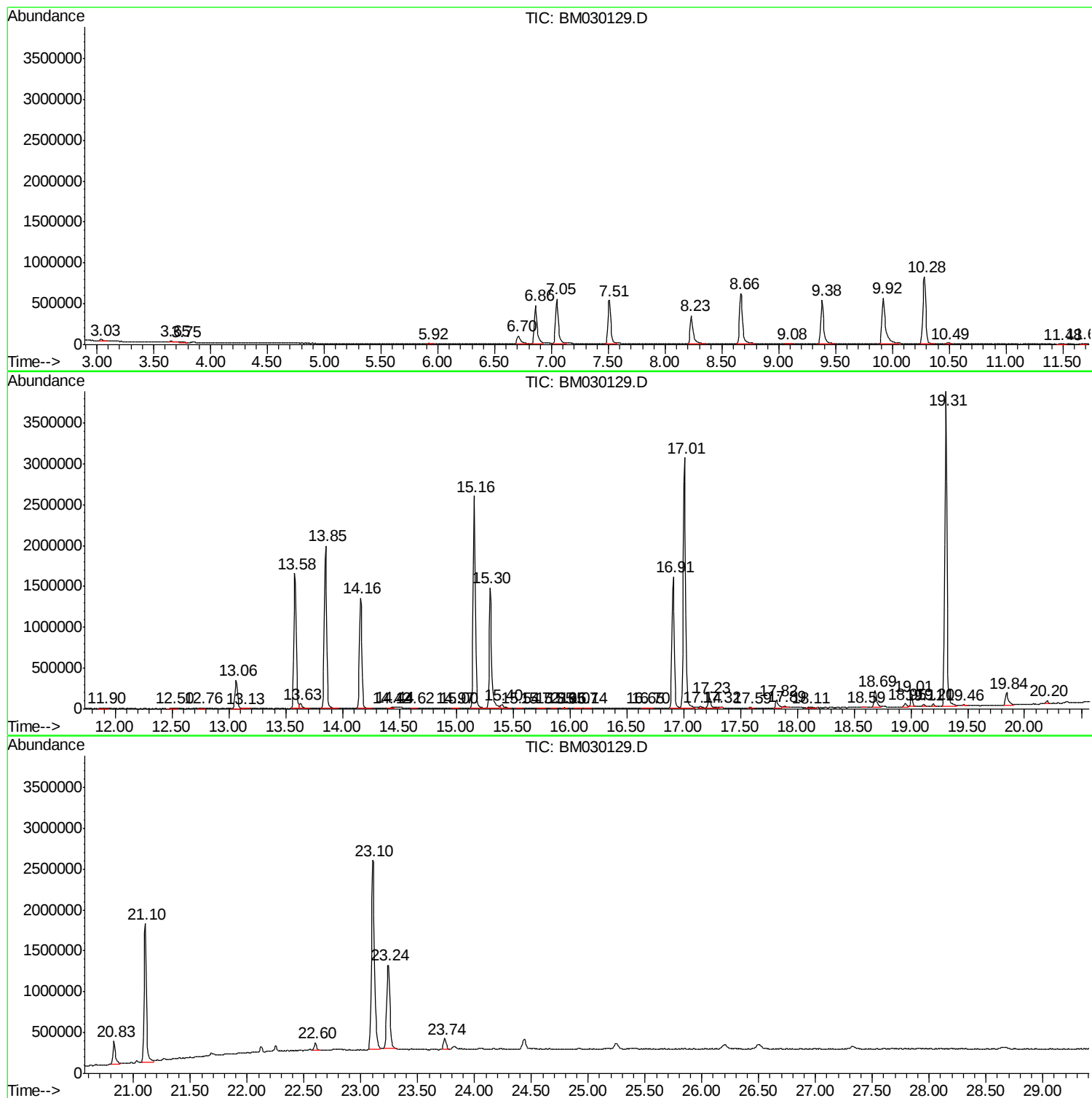
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Quant Title : SVOA CALIBRATION

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



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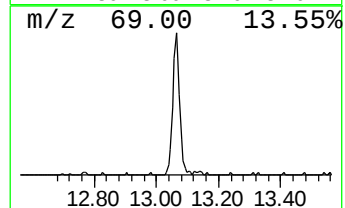
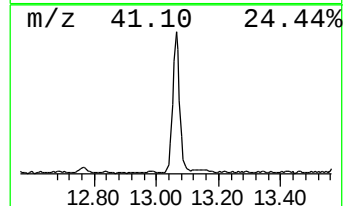
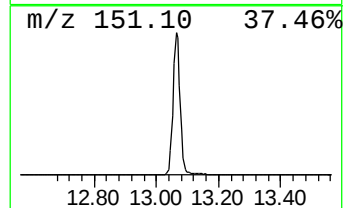
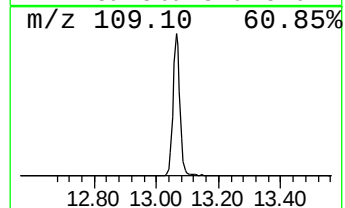
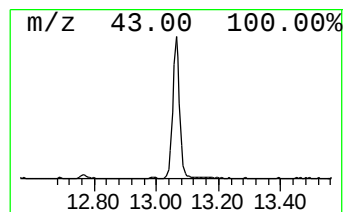
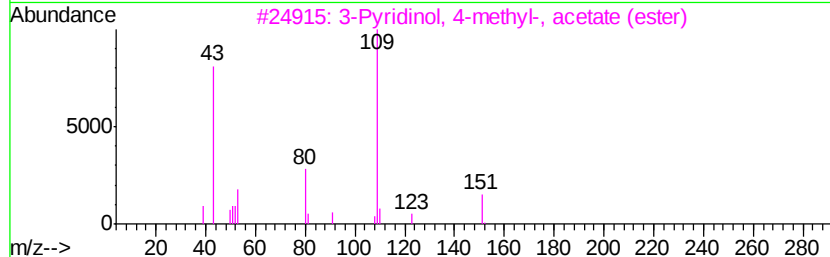
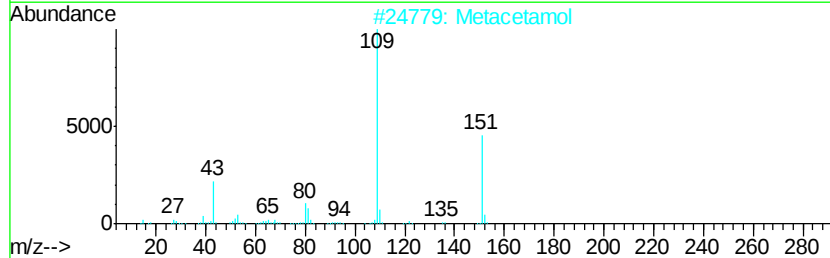
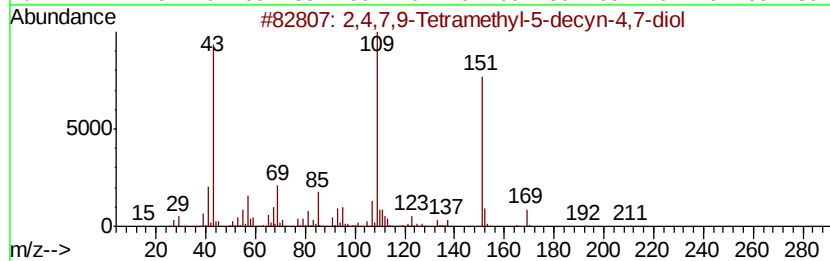
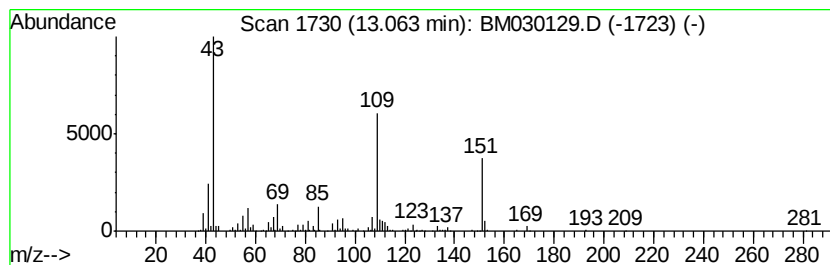
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.06	5.47 ng/ul	545472	Acenaphthene-d10	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	52
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50
4	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	45
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45



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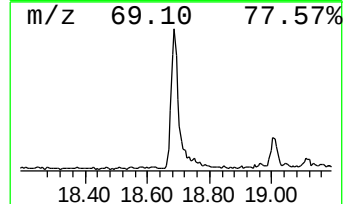
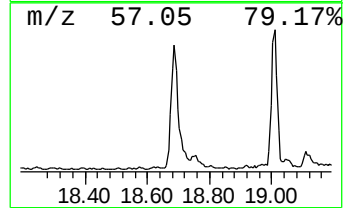
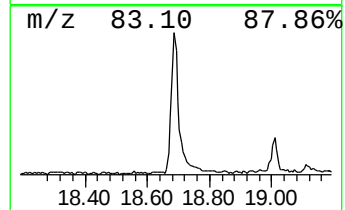
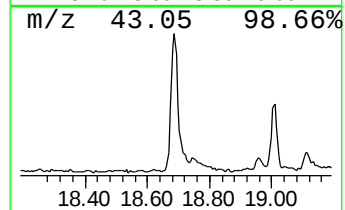
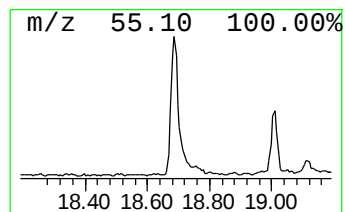
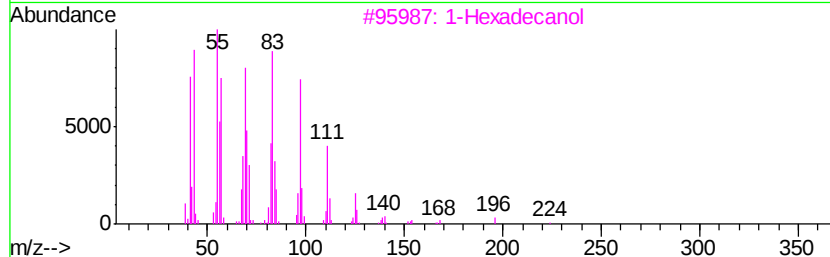
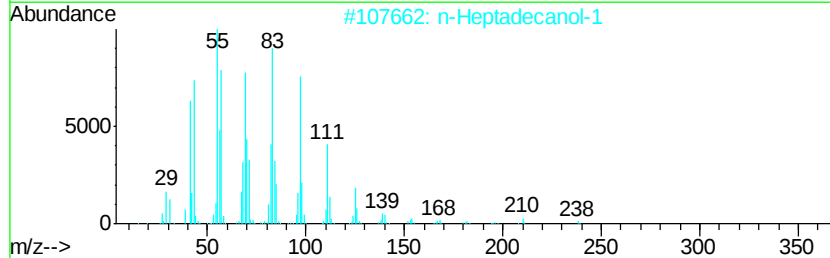
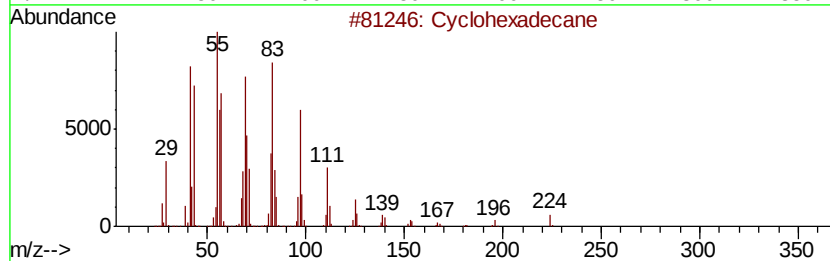
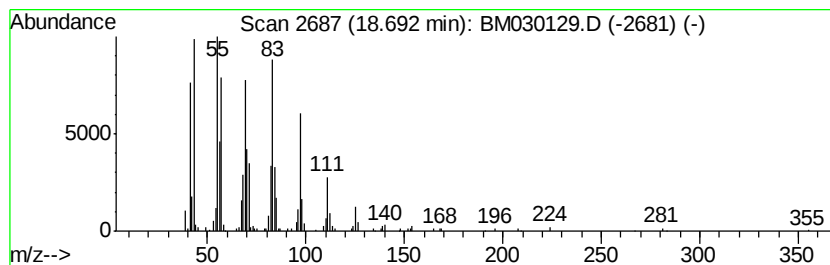
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic18.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.06 ng/ul	349862	Phenanthrene-d10	16.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	97
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		1-Hexadecanol	242	C16H34O	036653-82-4	94
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94



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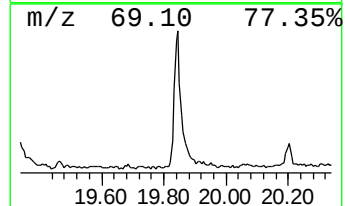
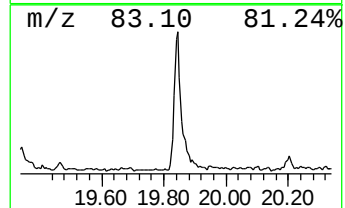
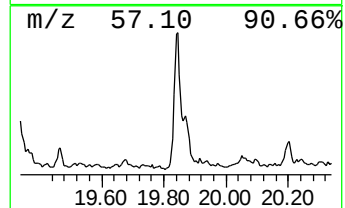
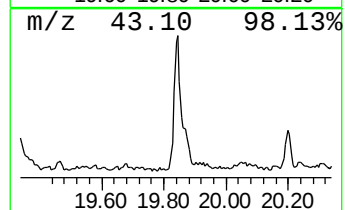
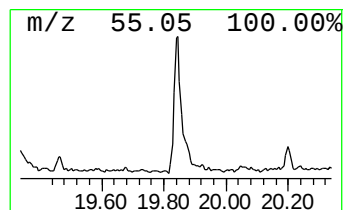
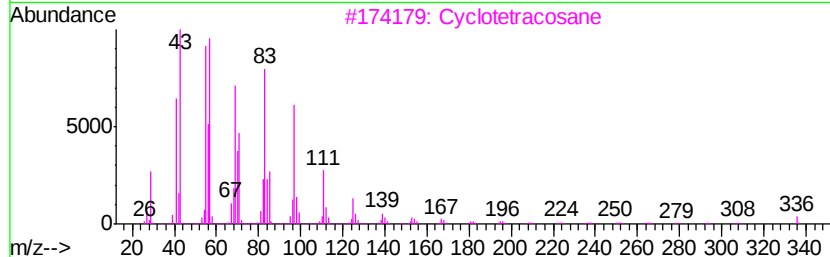
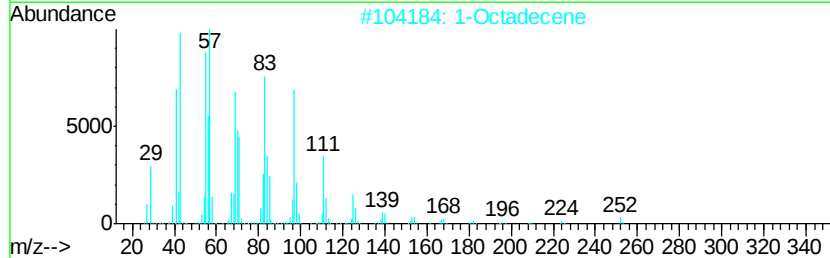
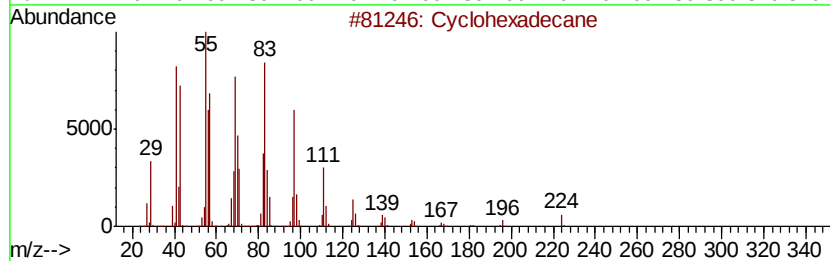
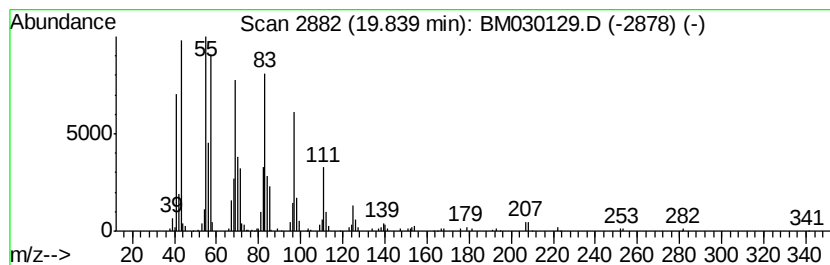
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Peak Number 3 (DEL) Alkane: Cyclic19.84 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.50 ng/ul	294842	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	98
2			1-Octadecene	252	C18H36	000112-88-9	96
3			Cyclotetracosane	336	C24H48	000297-03-0	93
4			E-7-Octadecene	252	C18H36	1000130-92-0	93
5			5-Octadecene, (E)-	252	C18H36	007206-21-5	93



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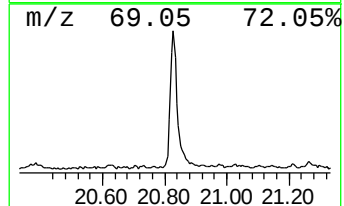
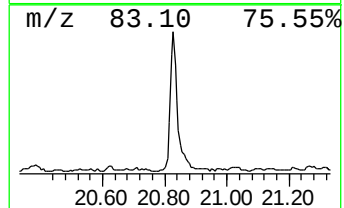
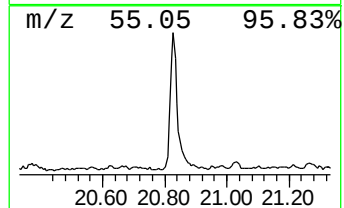
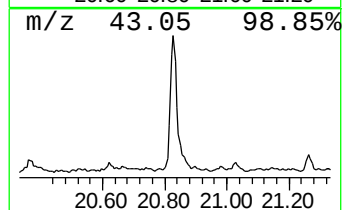
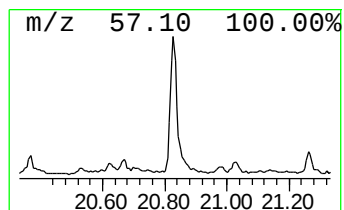
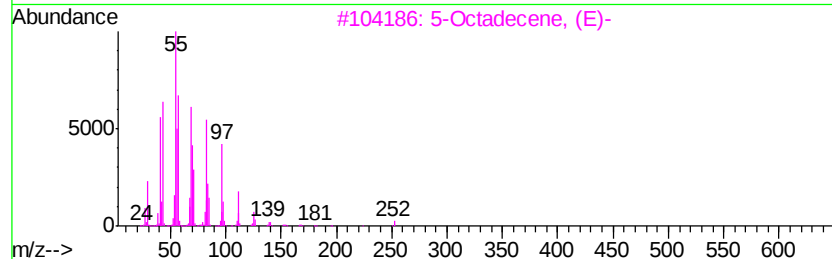
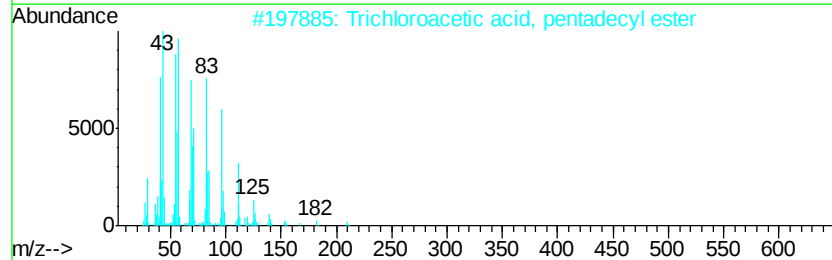
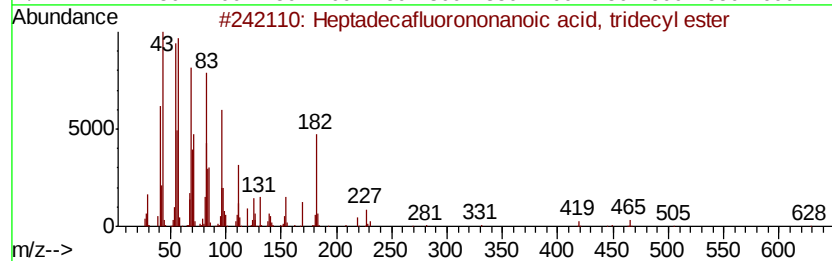
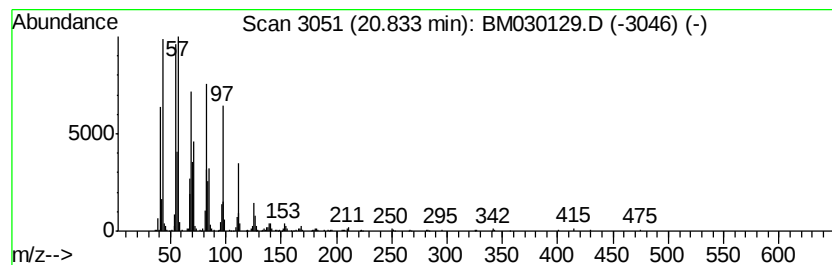
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Peak Number 4 Heptadecafluorononanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.64 ng/ul	428764	Chrysene-d12	21.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecafluorononanoic acid, tr...	646	C22H27F17O2	1000356-02-9	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4		Cyclotetracosane	336	C24H48	000297-03-0	93
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030129.D
Acq On : 22 May 2021 01:09
Operator : CG/JU
Sample : M2474-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB409

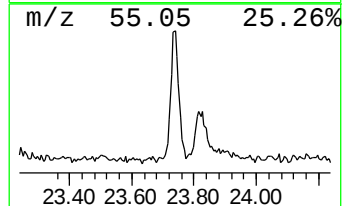
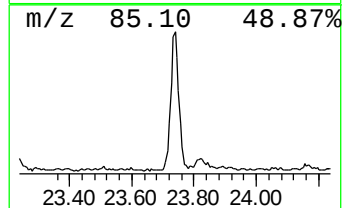
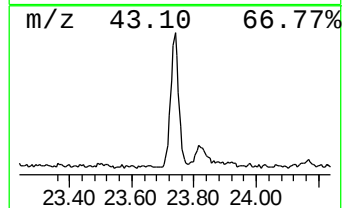
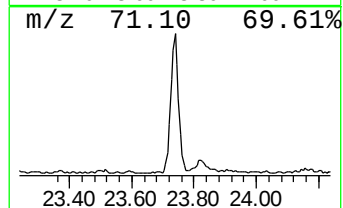
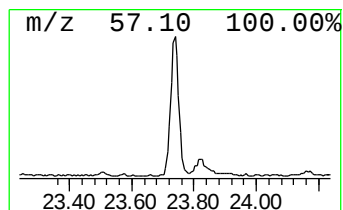
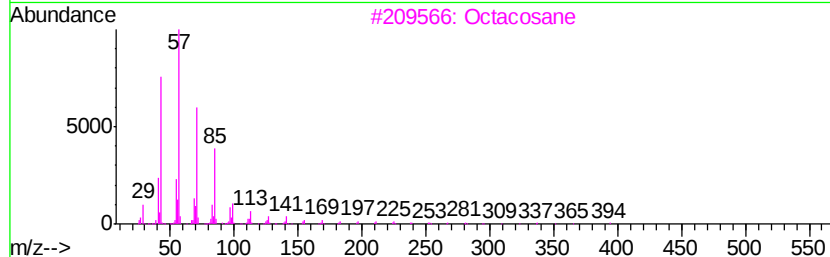
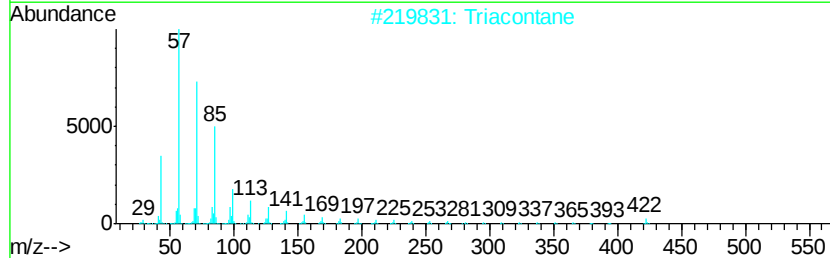
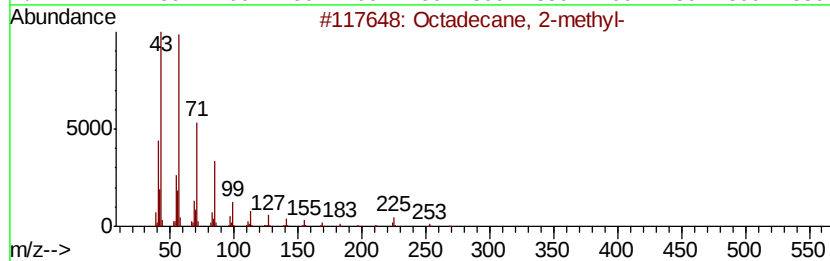
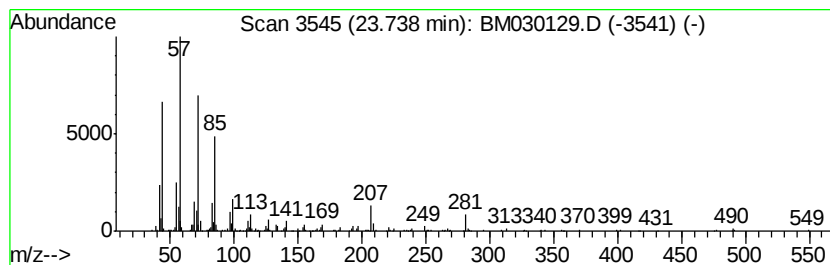
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.23 ng/ul	223779	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Triacotane	422	C30H62	000638-68-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5		Tetracosane	338	C24H50	000646-31-1	83



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.06	5.5	ng/ul	545472	3	14.16	1996160	20.0
(DEL) Alkane: Cyc...	18.69	3.1	ng/ul	349862	4	16.91	2283600	20.0
(DEL) Alkane: Cyc...	19.84	2.5	ng/ul	294842	5	21.10	2355060	20.0
Heptadecafluorono...	20.83	3.6	ng/ul	428764	5	21.10	2355060	20.0
(DEL) Alkane: Str...	23.74	2.2	ng/ul	223779	6	23.24	2010960	20.0