

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022990.D
 Acq On : 05 Oct 2019 14:18
 Operator : JU
 Sample : K5050-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLMC5

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	3.263	44	47	59	rVB	48198	74643	0.79%	0.110%
2	3.910	152	157	164	rVB	27278	45075	0.48%	0.067%
3	3.993	168	171	176	rVB	10759	16151	0.17%	0.024%
4	4.916	324	328	335	rBV	16995	26808	0.28%	0.040%
5	6.798	643	648	651	rBV4	5433	10125	0.11%	0.015%
6	6.957	667	675	688	rBV	938300	1584917	16.75%	2.344%
7	7.122	696	703	724	rBV	698171	1124350	11.88%	1.663%
8	7.322	730	737	749	rVV	988235	1514762	16.00%	2.241%
9	7.645	788	792	801	rVB3	5364	10679	0.11%	0.016%
10	7.786	809	816	824	rBV	816001	1264371	13.36%	1.870%
11	8.492	929	936	949	rBV	1180420	1850663	19.55%	2.738%
12	8.616	951	957	961	rVB	10896	18633	0.20%	0.028%
13	8.939	1002	1012	1025	rBV	847845	1396076	14.75%	2.065%
14	9.386	1081	1088	1095	rVB	13982	23297	0.25%	0.034%
15	9.663	1127	1135	1146	rBV	677718	1122909	11.86%	1.661%
16	10.198	1219	1226	1239	rBV	1154309	1898166	20.06%	2.808%
17	10.574	1283	1290	1298	rBV	1143885	1886686	19.93%	2.791%
18	10.710	1304	1313	1339	rBV	625595	1174988	12.41%	1.738%
19	12.169	1553	1561	1566	rVB	15394	22933	0.24%	0.034%
20	12.763	1656	1662	1664	rBV2	5439	10865	0.11%	0.016%
21	13.339	1755	1760	1767	rVB2	14644	24495	0.26%	0.036%
22	13.757	1825	1831	1838	rBV5	14742	24146	0.26%	0.036%
23	13.833	1838	1844	1848	rVV	1836577	2474377	26.14%	3.660%
24	13.880	1848	1852	1860	rVB	352676	488549	5.16%	0.723%
25	14.115	1882	1892	1904	rBV	2106361	3033807	32.05%	4.488%
26	14.421	1938	1944	1956	rBV	1613805	2407823	25.44%	3.562%
27	14.621	1972	1978	1991	rBV	465596	743244	7.85%	1.099%
28	14.774	2001	2004	2010	rVB5	6552	10692	0.11%	0.016%
29	14.839	2010	2015	2020	rBV2	25270	31512	0.33%	0.047%
30	15.280	2086	2090	2096	rVB	7052	10041	0.11%	0.015%
31	15.415	2106	2113	2123	rBV	2566743	3499763	36.98%	5.177%
32	15.527	2127	2132	2143	rBV	548220	762940	8.06%	1.129%
33	15.657	2149	2154	2159	rBV	24592	33274	0.35%	0.049%
34	16.074	2218	2225	2233	rBV	100856	127177	1.34%	0.188%

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Integration Parameters: LSCINT.P

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35	16.145	2233	2237	2241	rVV2	11365	16691	0.18%	0.025%
36	16.198	2243	2246	2252	rVB5	7788	11505	0.12%	0.017%
37	16.909	2362	2367	2369	rBV2	13175	17796	0.19%	0.026%
38	17.162	2401	2410	2418	rBV2	1677298	2328044	24.60%	3.444%
39	17.262	2420	2427	2444	rVV	2315097	3271690	34.57%	4.840%
40	17.551	2469	2476	2480	rBV7	5842	10262	0.11%	0.015%
41	17.668	2492	2496	2499	rBV3	17597	20587	0.22%	0.030%
42	18.056	2558	2562	2569	rBV	102458	143221	1.51%	0.212%
43	18.362	2610	2614	2617	rBV	27887	34800	0.37%	0.051%
44	18.997	2717	2722	2727	rVB	472219	541599	5.72%	0.801%
45	19.186	2750	2754	2758	rBV	20685	29620	0.31%	0.044%
46	19.339	2776	2780	2788	rBV6	25510	41143	0.43%	0.061%
47	19.439	2793	2797	2801	rBV	20657	28222	0.30%	0.042%
48	19.550	2810	2816	2824	rBV	2466063	3608565	38.13%	5.338%
49	20.074	2901	2905	2907	rBV	86539	114397	1.21%	0.169%
50	20.109	2907	2911	2918	rVB	630175	693065	7.32%	1.025%
51	20.603	2989	2995	2999	rBV	155408	198286	2.09%	0.293%
52	20.774	3021	3024	3028	rVB	56672	58850	0.62%	0.087%
53	21.062	3068	3073	3082	rBV	1360686	1838292	19.42%	2.719%
54	21.139	3083	3086	3092	rVB2	59096	75169	0.79%	0.111%
55	21.191	3092	3095	3099	rBV	173489	186511	1.97%	0.276%
56	21.339	3116	3120	3132	rBV	1673615	2183864	23.07%	3.230%
57	21.497	3144	3147	3153	rVB	208044	250868	2.65%	0.371%
58	21.680	3175	3178	3182	rVB2	115608	119959	1.27%	0.177%
59	21.774	3191	3194	3198	rBV	82242	94155	0.99%	0.139%
60	21.938	3217	3222	3233	rBV3	922015	2013310	21.27%	2.978%
61	22.033	3235	3238	3241	rVV	153220	194710	2.06%	0.288%
62	22.074	3242	3245	3248	rVV	302303	399071	4.22%	0.590%
63	22.115	3248	3252	3262	rVB	1399024	1901801	20.09%	2.813%
64	22.403	3298	3301	3304	rBV	127364	141597	1.50%	0.209%
65	22.633	3338	3340	3346	rVB	139048	159487	1.69%	0.236%
66	22.915	3384	3388	3392	rBV	460428	670004	7.08%	0.991%
67	22.962	3392	3396	3406	rVB	516891	812277	8.58%	1.202%
68	23.456	3473	3480	3492	rBV	1913900	3623431	38.28%	5.360%
69	23.597	3498	3504	3512	rVB2	1140378	2231888	23.58%	3.302%
70	24.232	3607	3612	3624	rVB	630117	1323324	13.98%	1.958%
71	26.721	4024	4035	4050	rBV2	2820618	9464750	100.00%	14.001%

LSC Area Percent Report

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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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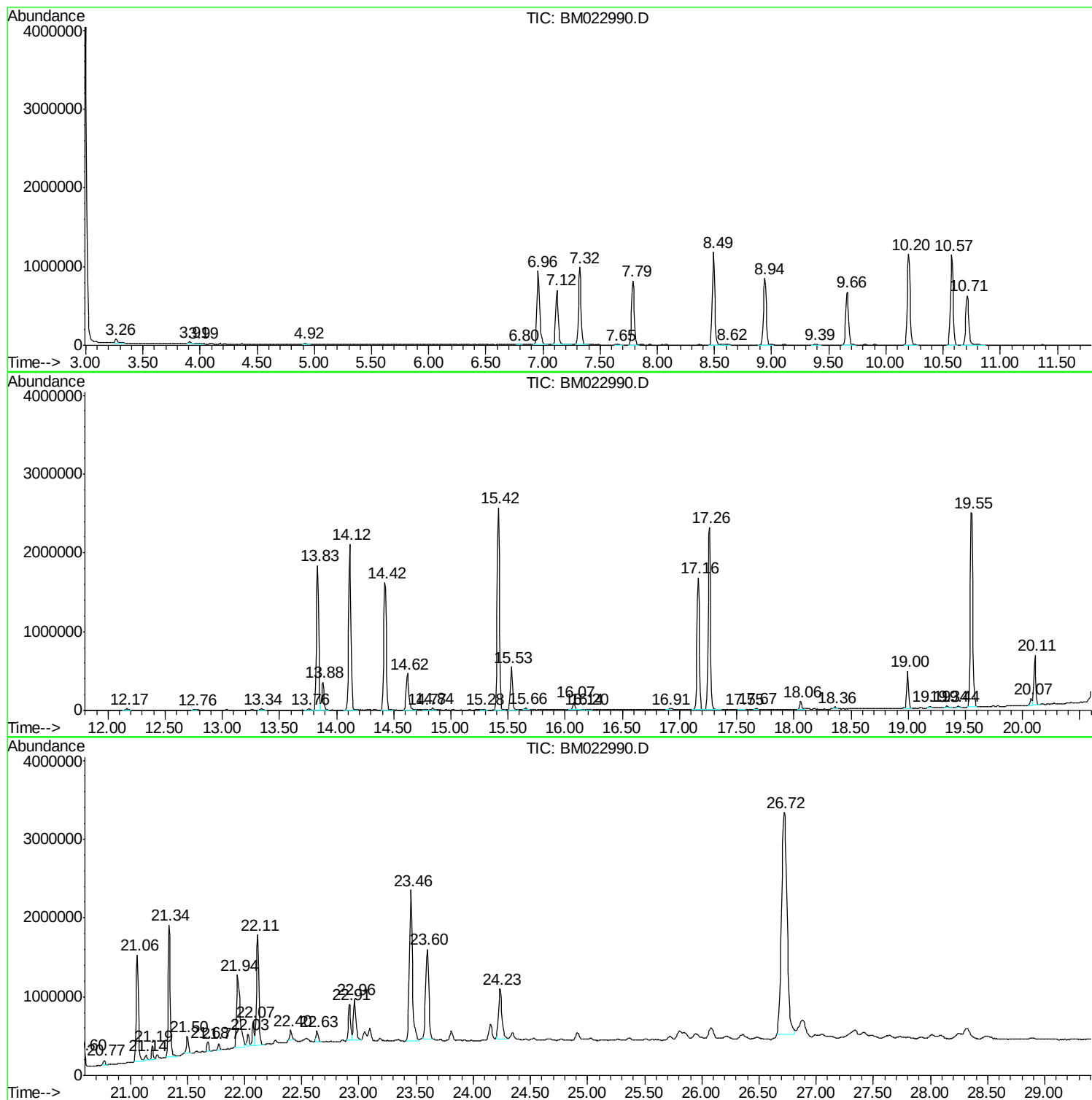
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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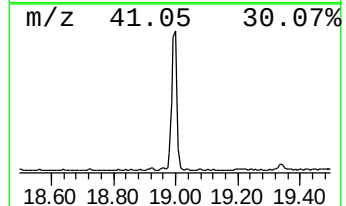
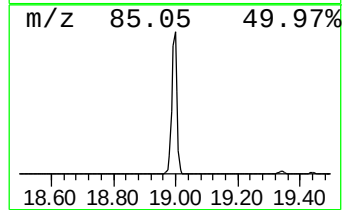
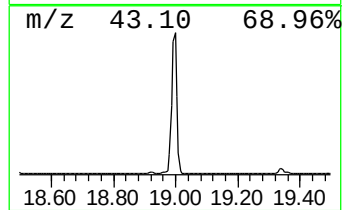
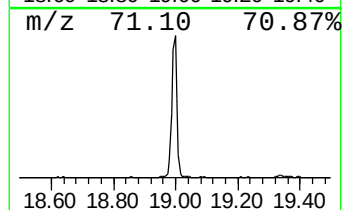
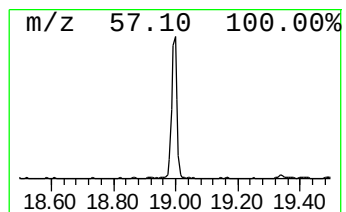
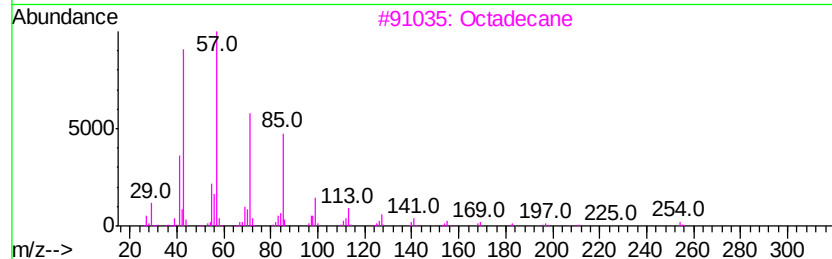
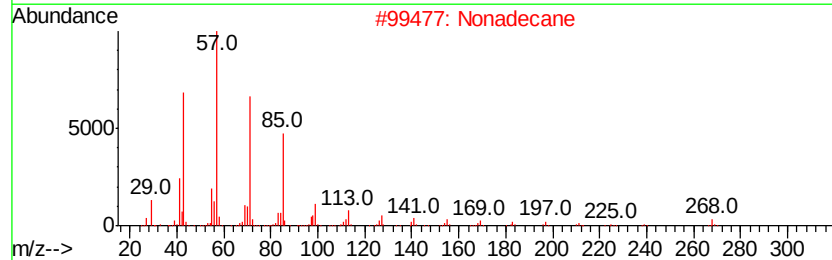
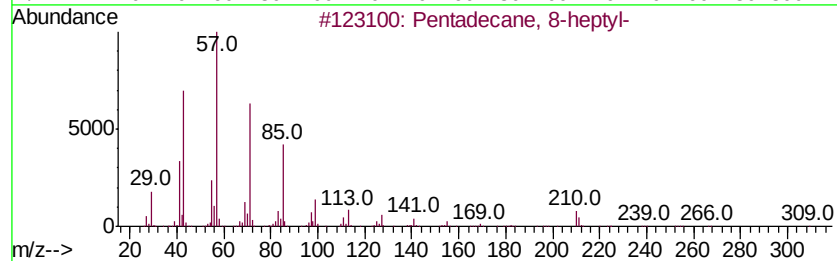
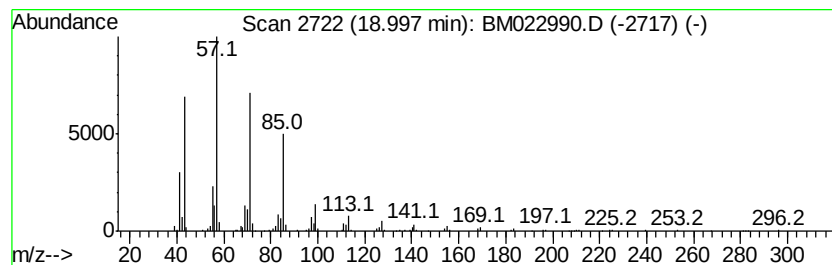
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.65 ng/ul	541599	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



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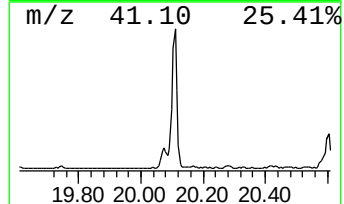
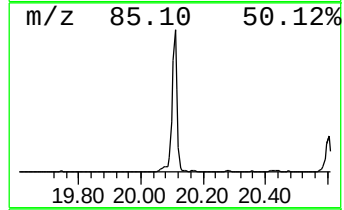
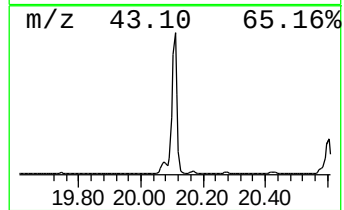
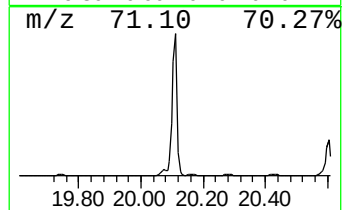
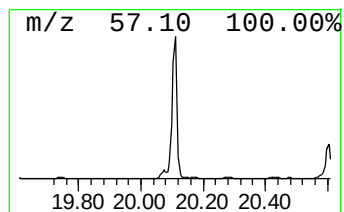
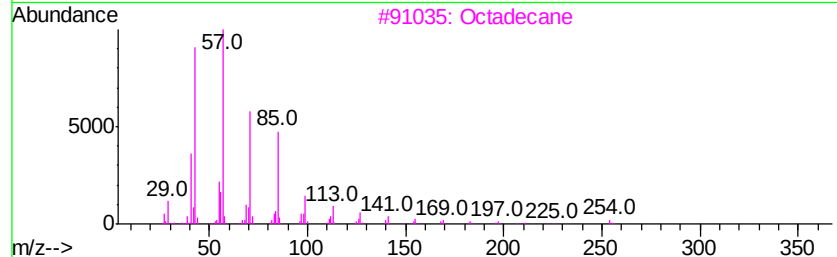
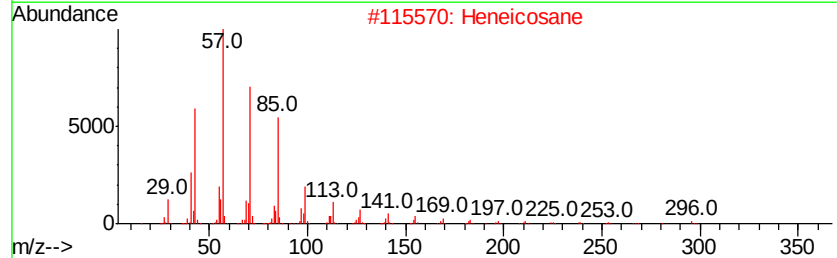
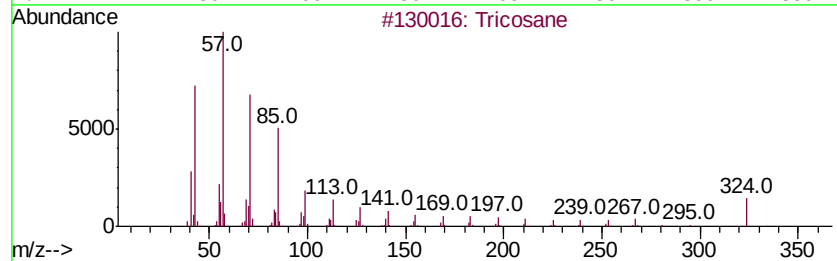
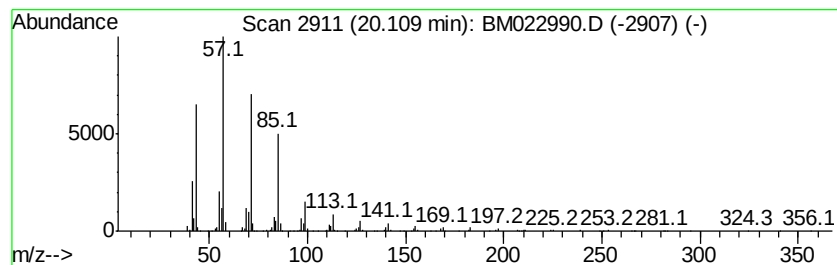
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	6.35 ng/ul	693065	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane	310	C22H46	000629-97-0	91



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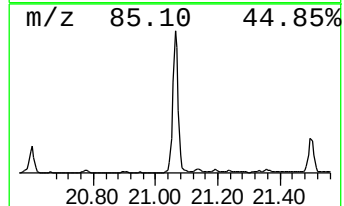
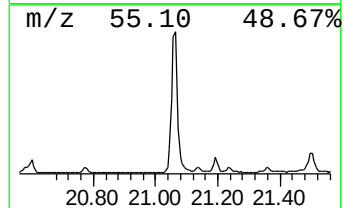
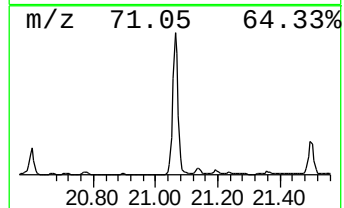
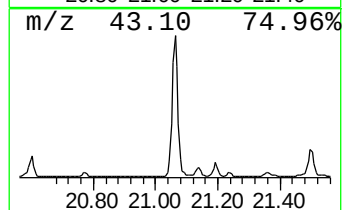
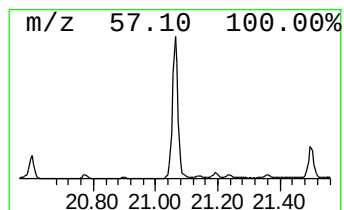
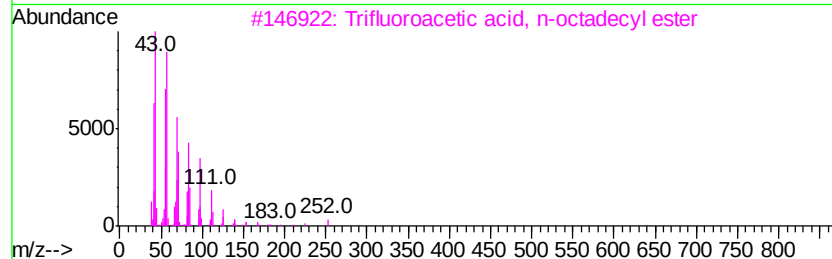
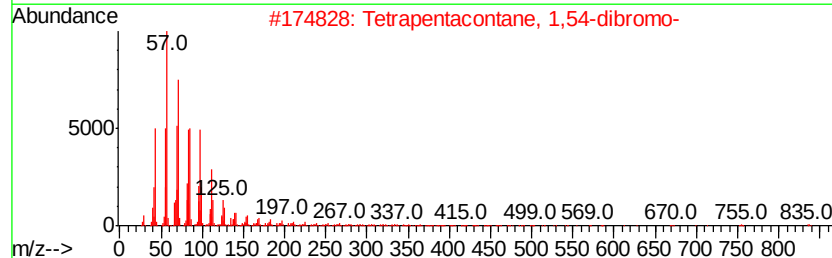
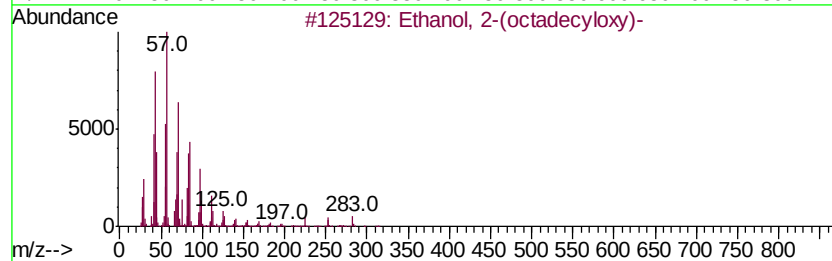
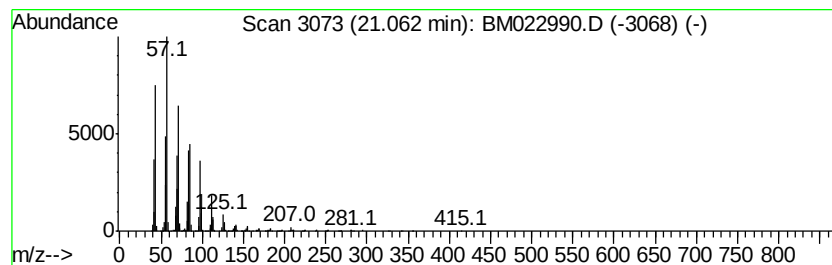
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Ethanol, 2-(octadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	16.84 ng/ul	1838290	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	70
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	62



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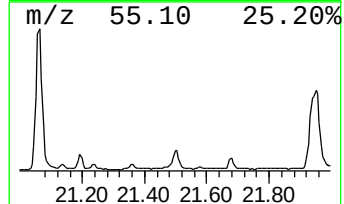
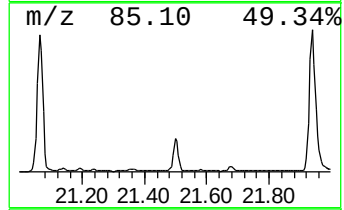
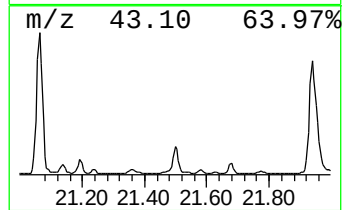
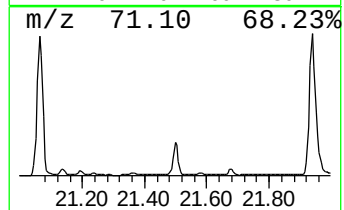
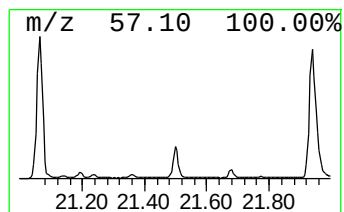
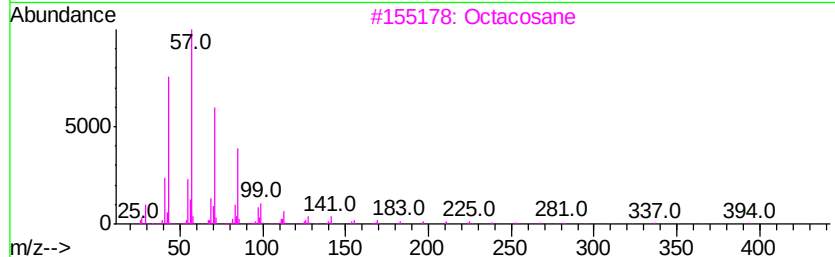
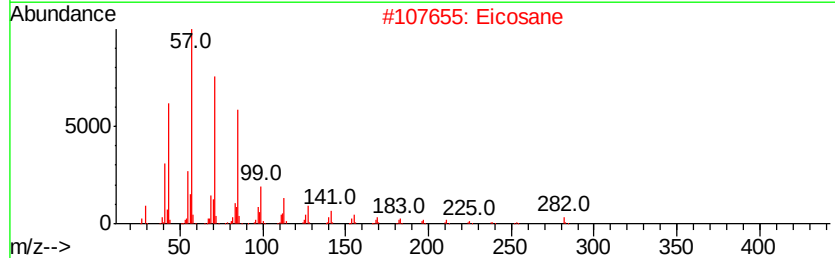
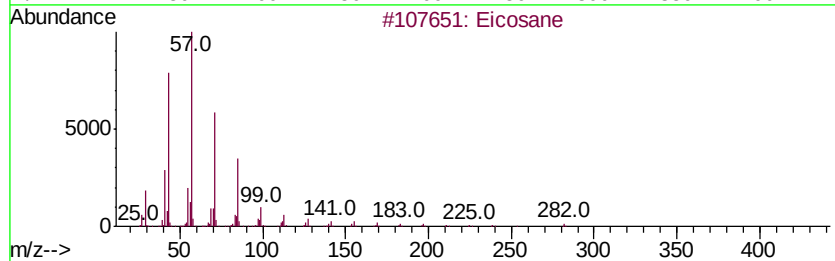
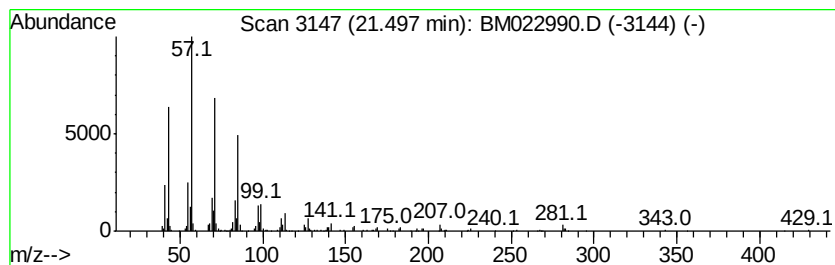
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.30 ng/ul	250868	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Octacosane	394	C28H58	000630-02-4	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
Operator : JU
Sample : K5050-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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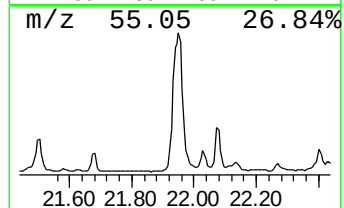
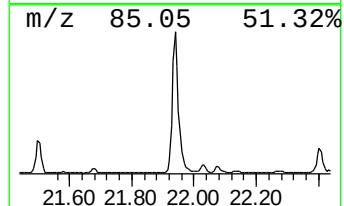
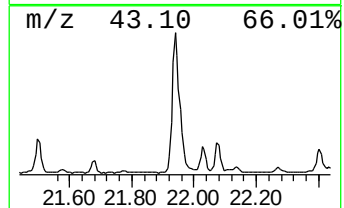
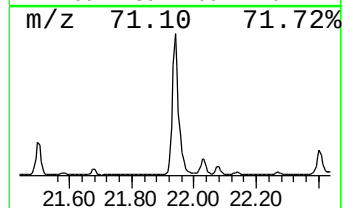
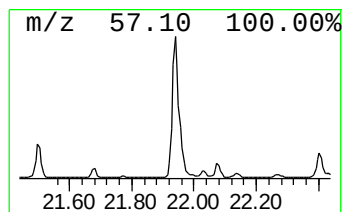
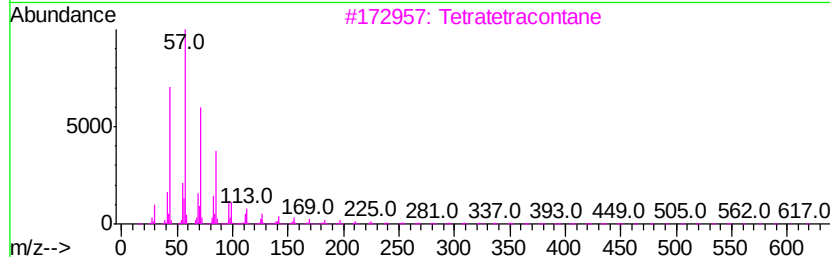
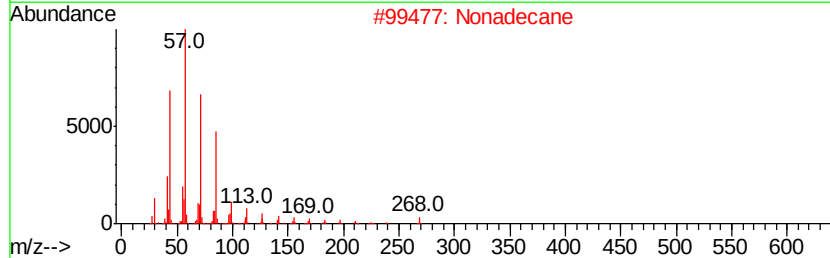
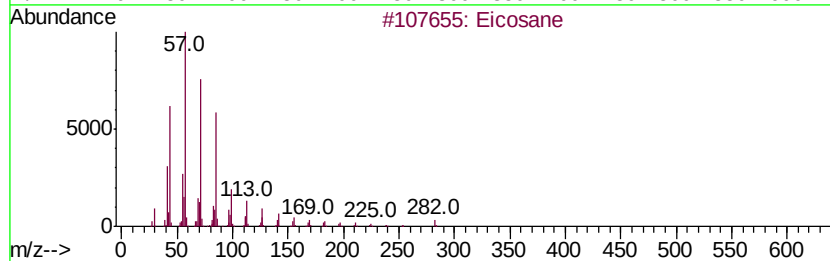
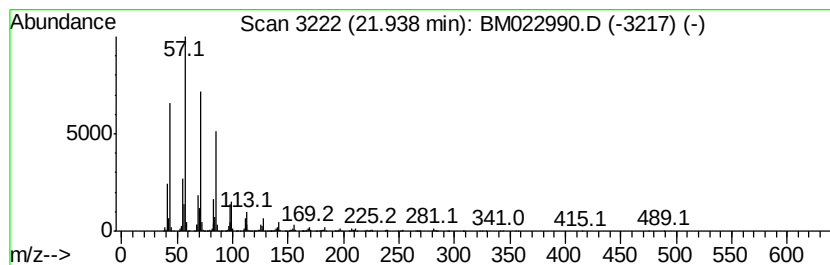
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	18.44 ng/ul	2013310	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Nonadecane		268	C19H40	000629-92-5	95
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
Operator : JU
Sample : K5050-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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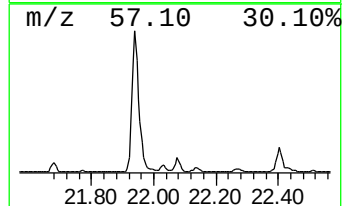
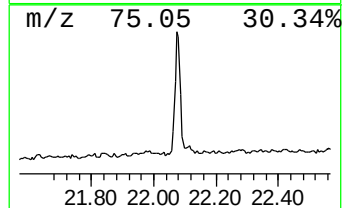
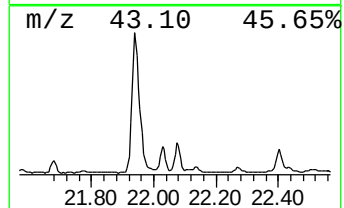
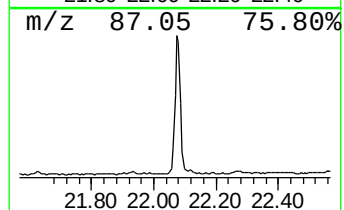
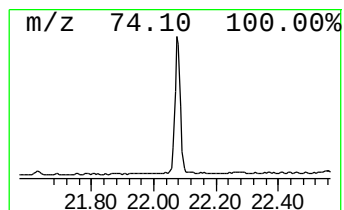
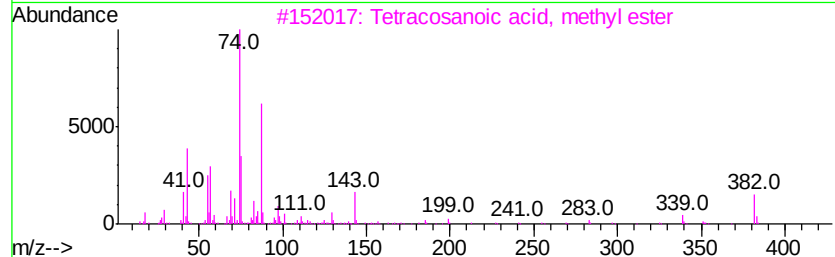
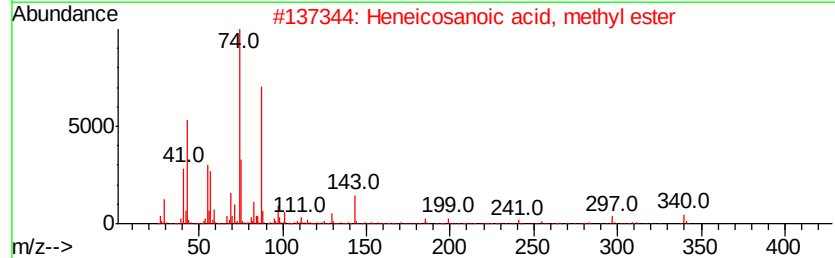
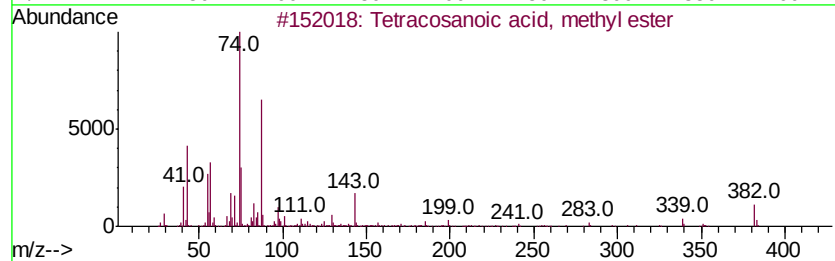
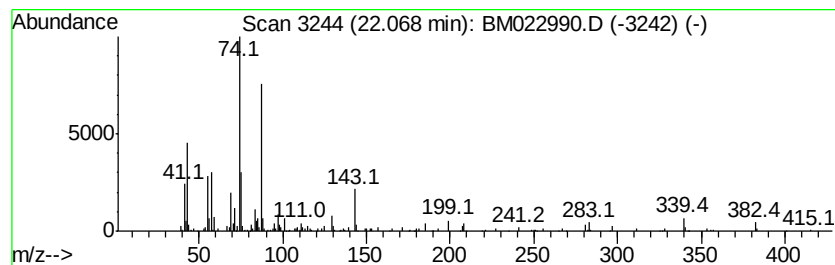
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetracosanoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	3.65 ng/ul	399071	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	97
2		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	97
3		Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	96
4		Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	95
5		Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
Operator : JU
Sample : K5050-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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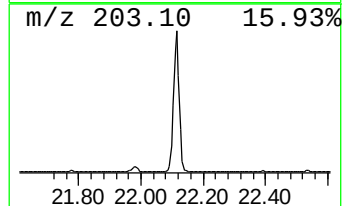
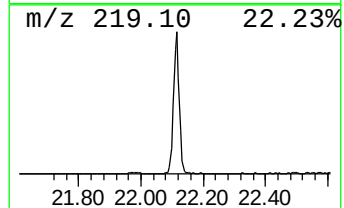
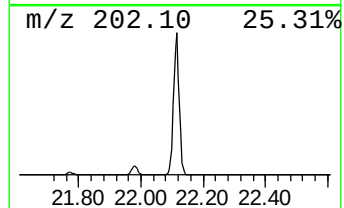
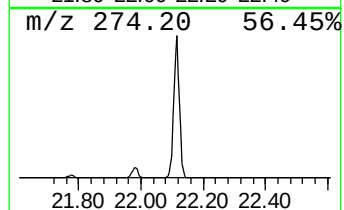
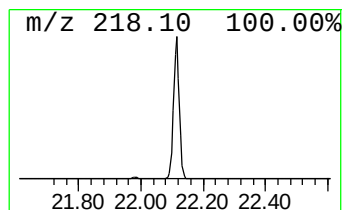
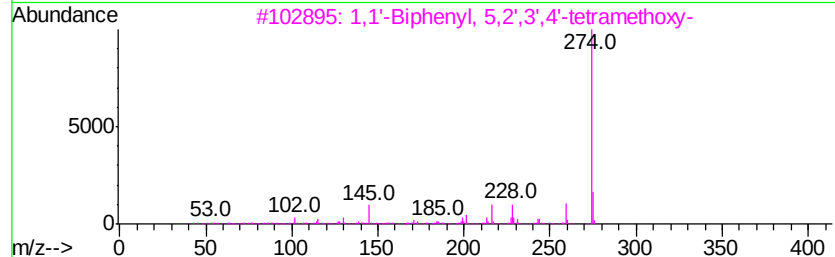
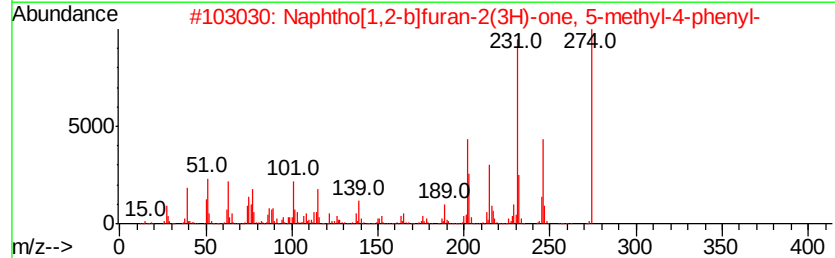
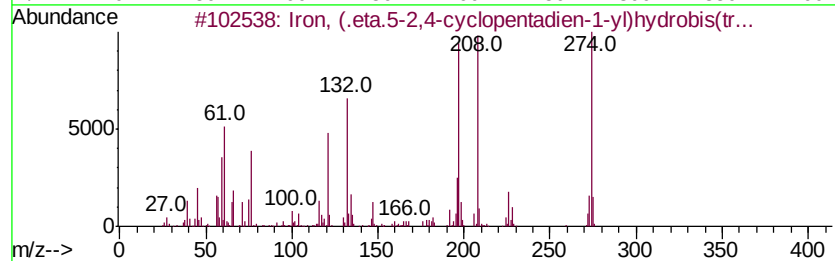
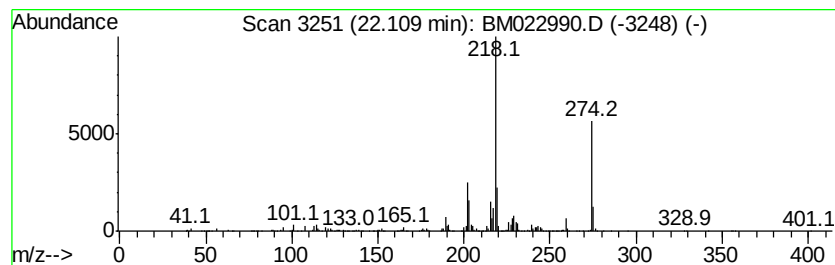
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Iron, (.eta.5-2,4-cyclopent... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	17.42 ng/ul	1901800	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Iron, (.eta.5-2,4-cyclopentadien...	274	C11H24FeP2	084283-30-7	56
2		Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	55
3		1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
4		3,6-Dibora-2,4,5,7-tetraoxaphena...	274	C12H12B2O6	1000159-66-2	52
5		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
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Sample : K5050-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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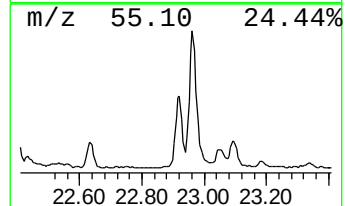
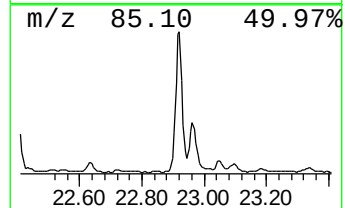
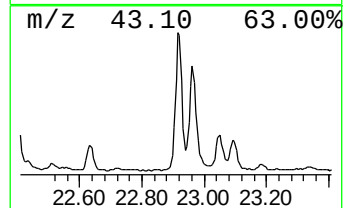
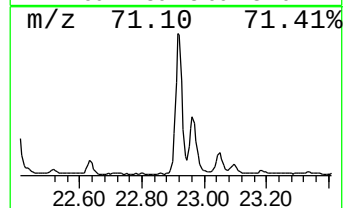
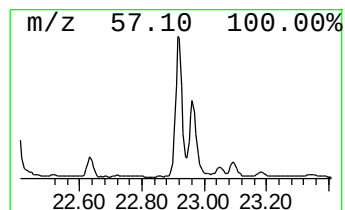
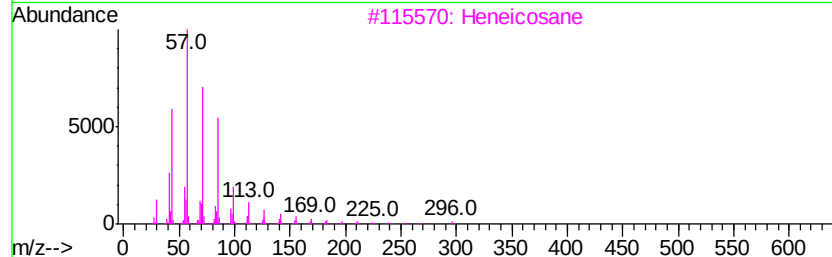
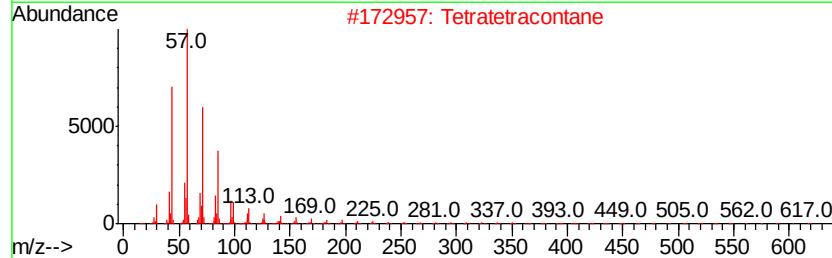
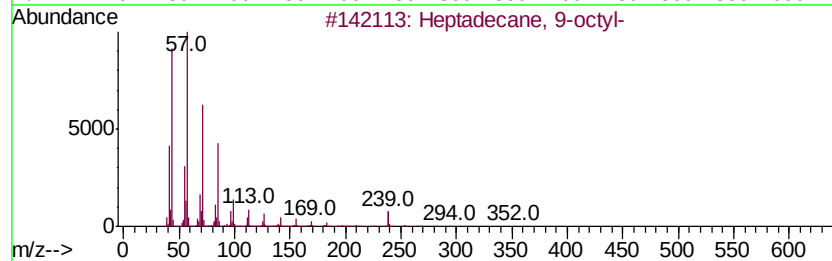
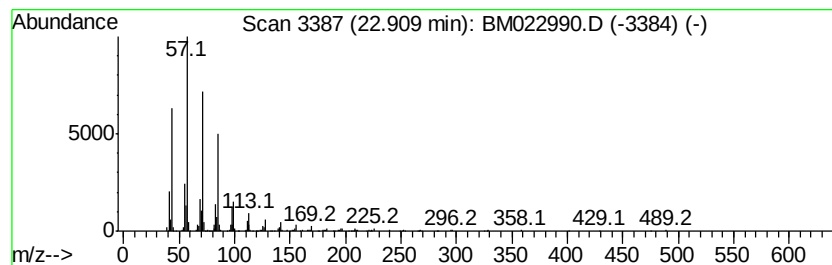
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	6.00 ng/ul	670004	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
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Sample : K5050-09
Misc :
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Instrument :
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ClientSampleId :
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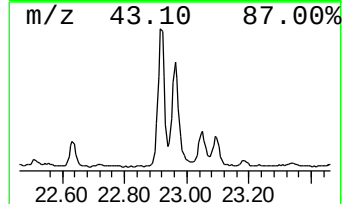
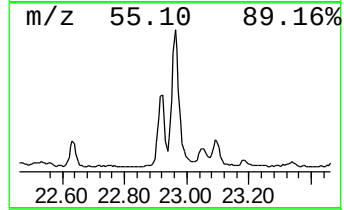
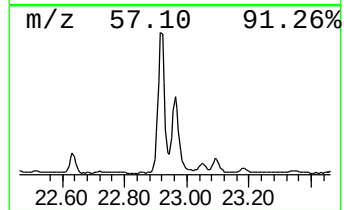
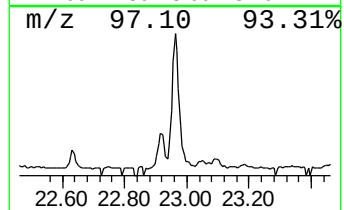
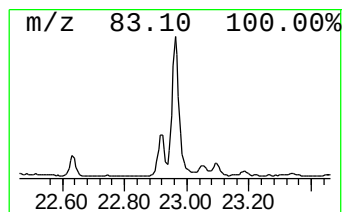
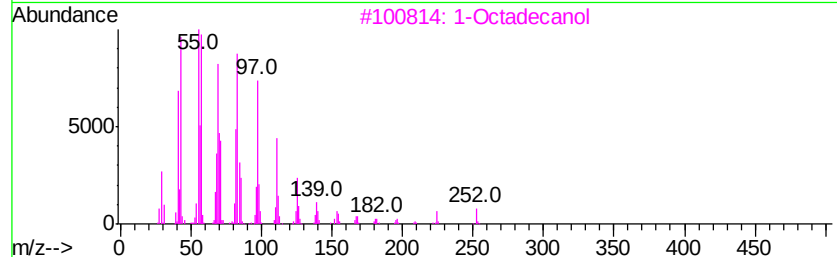
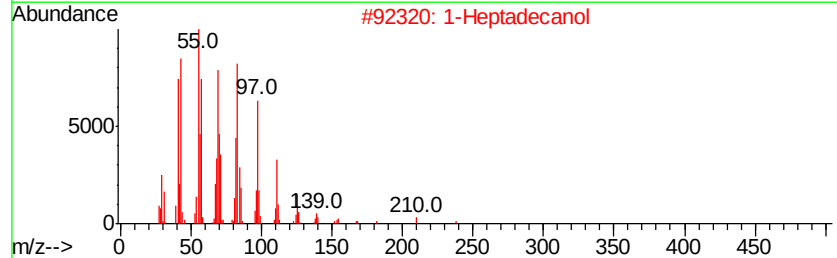
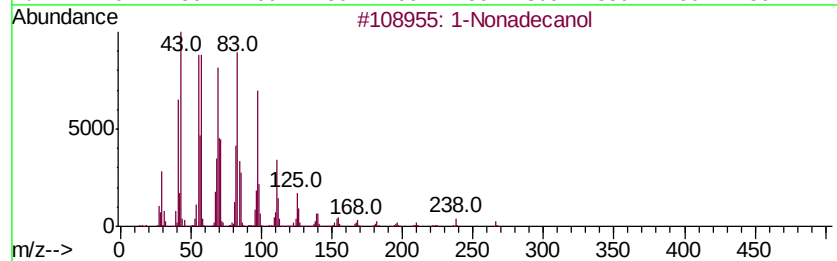
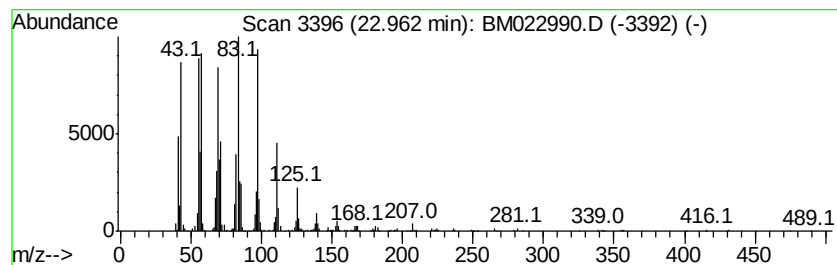
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Nonadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	7.28 ng/ul	812277	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecanol	284	C19H40O	001454-84-8	87
2		1-Heptadecanol	256	C17H36O	001454-85-9	83
3		1-Octadecanol	270	C18H38O	000112-92-5	81
4		1-Docosene	308	C22H44	001599-67-3	76
5		1-Nonadecene	266	C19H38	018435-45-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
Operator : JU
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Misc :
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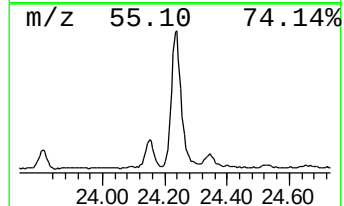
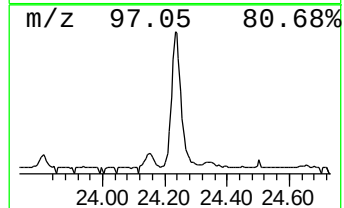
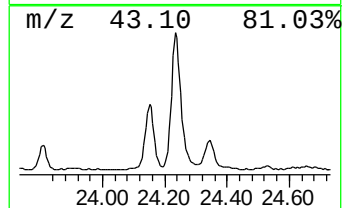
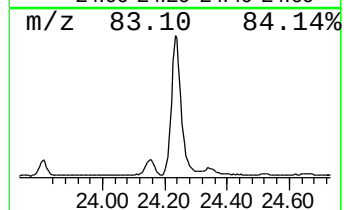
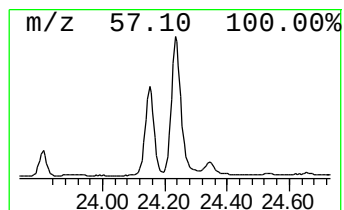
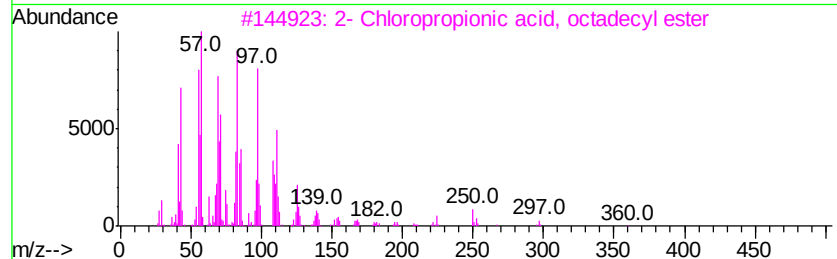
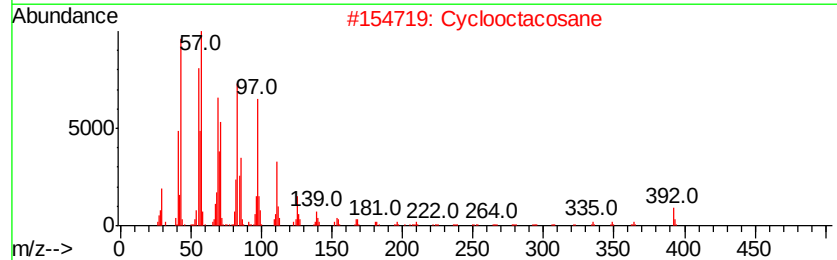
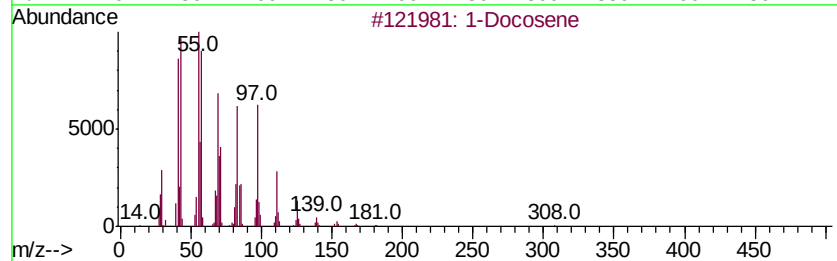
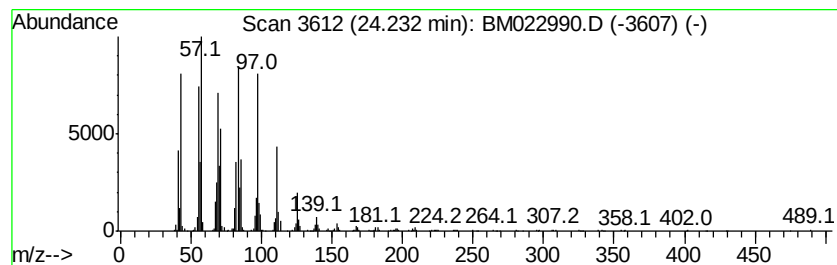
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic24.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	11.86 ng/ul	1323320	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		Cyclooctacosane	392	C28H56	000297-24-5	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4		1-Nonadecene	266	C19H38	018435-45-5	83
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
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Sample : K5050-09
Misc :
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ClientSampleId :
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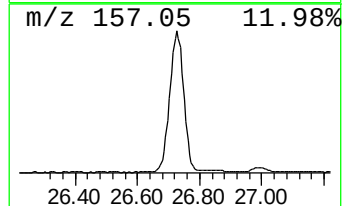
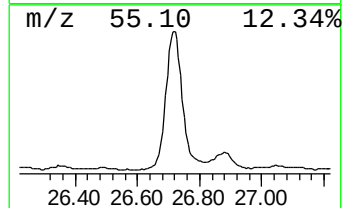
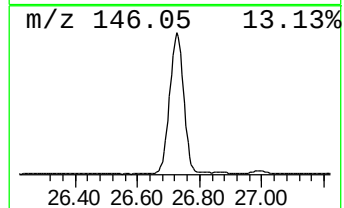
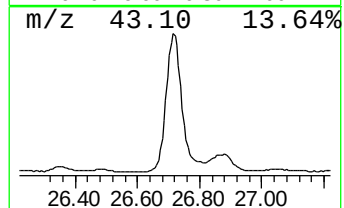
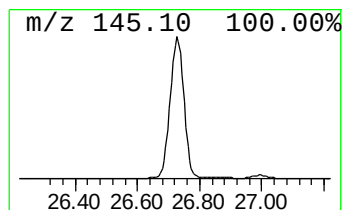
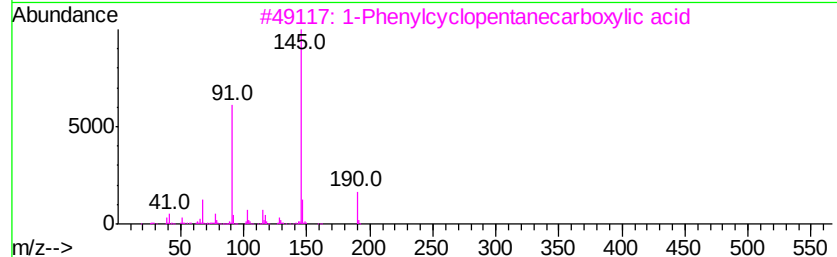
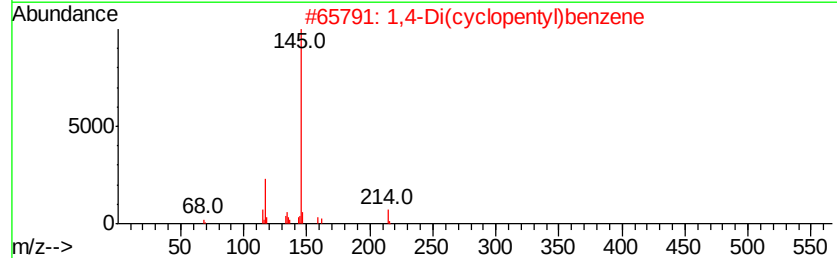
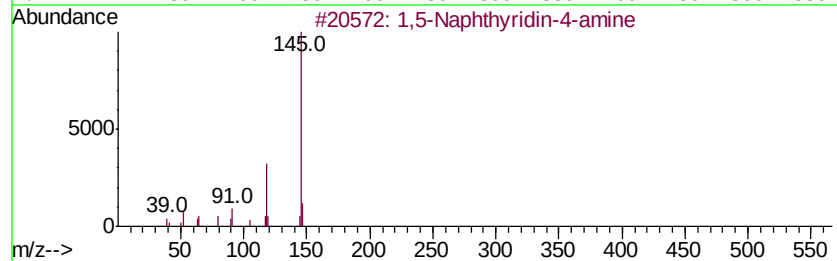
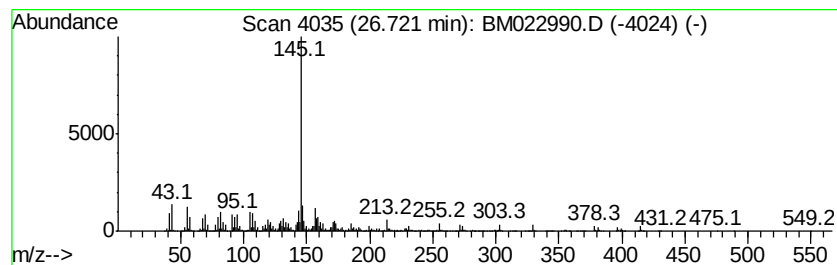
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,5-Naphthyridin-4-amine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	84.81 ng/ul	9464750	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Naphthyridin-4-amine	145	C8H7N3	027392-68-3	52
2		1,4-Di(cyclopentyl)benzene	214	C16H22	018970-50-8	50
3		1-Phenylcyclopentanecarboxylic acid	190	C12H14O2	000077-55-4	50
4		Benzenemethanol, .alpha.-(1-ethe...	228	C16H20O	085312-71-6	50
5		2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022990.D
Acq On : 05 Oct 2019 14:18
Operator : JU
Sample : K5050-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLMC5

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
(DEL) Alkane: Str...	19.00	4.7	ng/ul	541599	4	17.16	2328040	20.0
(DEL) Alkane: Str...	20.11	6.3	ng/ul	693065	5	21.34	2183860	20.0
Ethanol, 2-(octad...	21.06	16.8	ng/ul	1838290	5	21.34	2183860	20.0
(DEL) Alkane: Str...	21.50	2.3	ng/ul	250868	5	21.34	2183860	20.0
(DEL) Alkane: Str...	21.94	18.4	ng/ul	2013310	5	21.34	2183860	20.0
Tetracosanoic aci...	22.07	3.6	ng/ul	399071	5	21.34	2183860	20.0
Iron, (.eta.5-2,4...	22.11	17.4	ng/ul	1901800	5	21.34	2183860	20.0
(DEL) Alkane: Str...	22.91	6.0	ng/ul	670004	6	23.60	2231890	20.0
1-Nonadecanol	22.96	7.3	ng/ul	812277	6	23.60	2231890	20.0
(DEL) Alkane: Cyc...	24.23	11.9	ng/ul	1323320	6	23.60	2231890	20.0
1,5-Naphthyridin-...	26.72	84.8	ng/ul	9464750	6	23.60	2231890	20.0