

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029879.D
 Acq On : 07 May 2021 16:43
 Operator : CG/JU
 Sample : M2144-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GH5

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	4.957	334	352	356	RBV4	47953820	221568776	86.64%	23.028%
2	6.751	651	657	677	RBV2	143705	429010	0.17%	0.045%
3	6.916	679	685	698	RBV	486248	934676	0.37%	0.097%
4	7.098	709	716	739	RVB	562955	1117658	0.44%	0.116%
5	7.469	768	779	790	RBV	20752093	48162149	18.83%	5.006%
6	7.663	790	812	816	RBV3	50665449	216415423	84.63%	22.493%
7	7.998	848	869	873	RBV3	50985419	255726065	100.00%	26.578%
8	8.281	911	917	934	RVB	403195	746238	0.29%	0.078%
9	8.716	984	991	994	RBV	765263	1227518	0.48%	0.128%
10	8.763	994	999	1015	RVB	2162037	3645461	1.43%	0.379%
11	9.045	1040	1047	1058	RBV	490400	827900	0.32%	0.086%
12	9.351	1095	1099	1107	RVB	249064	476450	0.19%	0.050%
13	9.434	1107	1113	1120	RBV	607090	1084897	0.42%	0.113%
14	9.975	1198	1205	1225	RBV	808616	1552213	0.61%	0.161%
15	10.245	1236	1251	1256	RBV	44697070	121658733	47.57%	12.644%
16	10.351	1263	1269	1275	RVB	825389	1212678	0.47%	0.126%
17	10.733	1323	1334	1356	RBV	19614319	34181407	13.37%	3.553%
18	10.939	1362	1369	1395	RVB	1227860	2183744	0.85%	0.227%
19	11.157	1399	1406	1424	RBV	224069	500333	0.20%	0.052%
20	12.345	1600	1608	1609	RBV2	256696	344612	0.13%	0.036%
21	12.380	1609	1614	1624	RVB	1553148	2499202	0.98%	0.260%
22	12.998	1711	1719	1735	RBV	4958700	7578728	2.96%	0.788%
23	13.627	1815	1826	1831	RBV	1749299	2621058	1.02%	0.272%
24	13.898	1861	1872	1882	RBV	2103845	3217248	1.26%	0.334%
25	14.204	1915	1924	1932	RBV	1168438	1685173	0.66%	0.175%
26	14.527	1974	1979	1990	RVB	166095	275475	0.11%	0.029%
27	15.204	2087	2094	2108	RBV	2569587	3781252	1.48%	0.393%
28	15.333	2111	2116	2131	RVV	800716	1233216	0.48%	0.128%
29	16.951	2383	2391	2401	RBV	1382115	1965159	0.77%	0.204%
30	17.051	2401	2408	2421	RBV	2852510	4176560	1.63%	0.434%
31	18.321	2615	2624	2635	RBV	988501	1397833	0.55%	0.145%
32	19.345	2792	2798	2814	RBV	3954919	5324792	2.08%	0.553%
33	20.868	3053	3057	3064	RBV2	184214	307872	0.12%	0.032%
34	21.139	3098	3103	3115	RBV	1728102	2411798	0.94%	0.251%

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35	23.162	3439	3447	3461	rBV	3245156	6309258	2.47%	0.656%
36	23.297	3463	3470	3481	rVB2	1366059	2569557	1.00%	0.267%
37	23.803	3552	3556	3563	rVB	223588	405146	0.16%	0.042%
38	24.509	3672	3676	3684	rVB	194416	399173	0.16%	0.041%

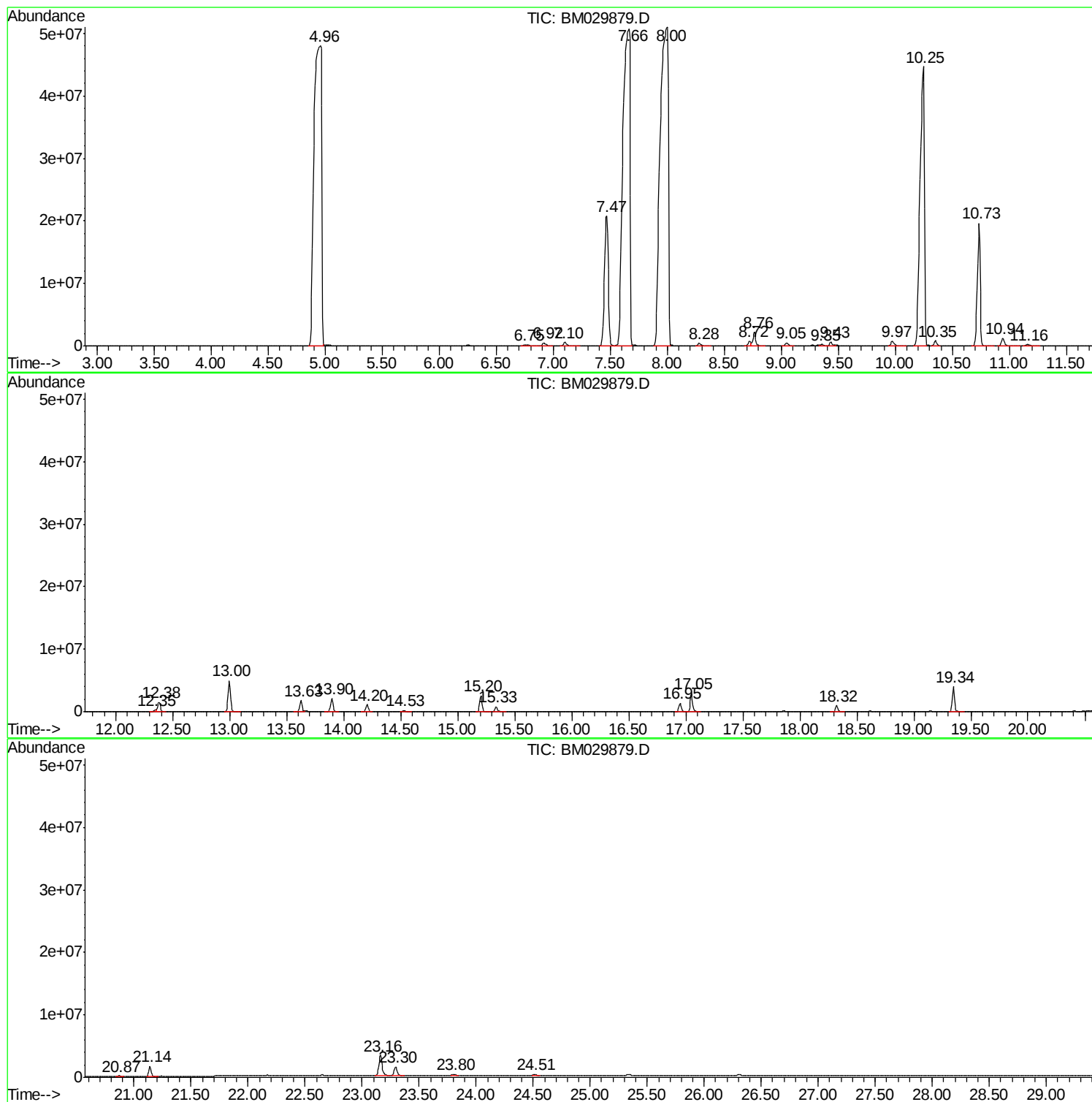
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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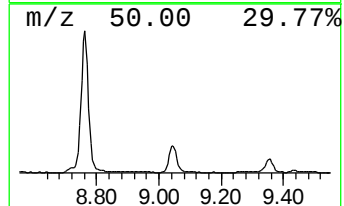
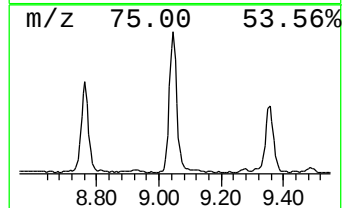
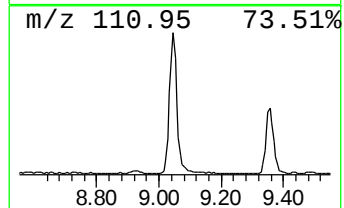
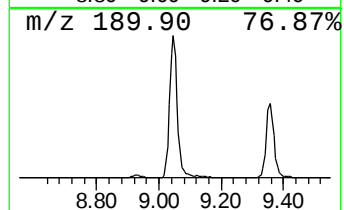
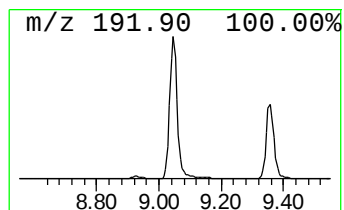
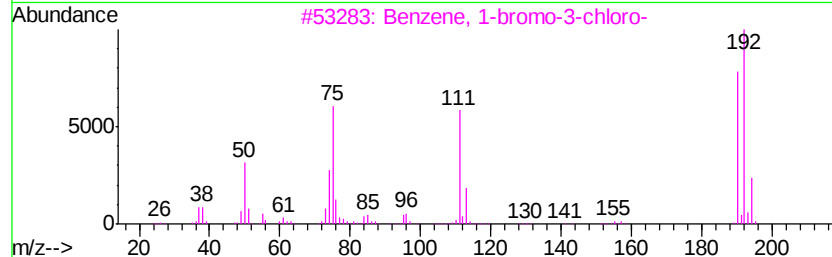
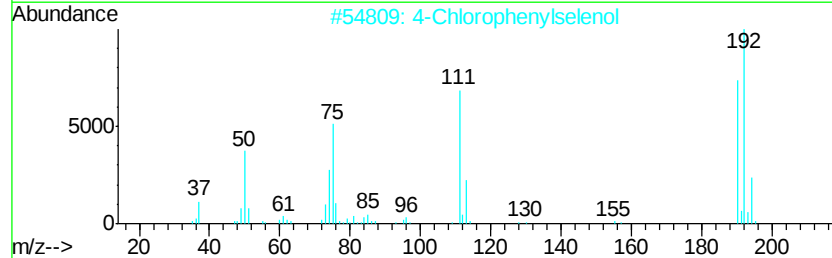
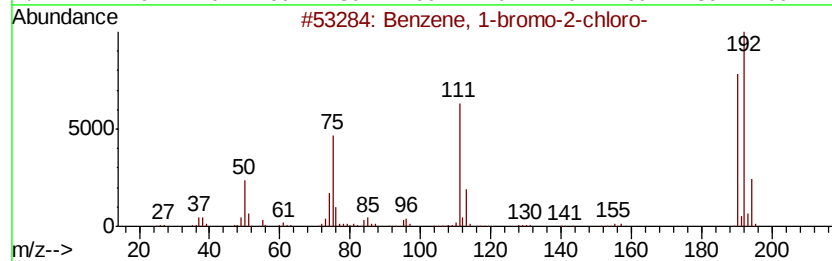
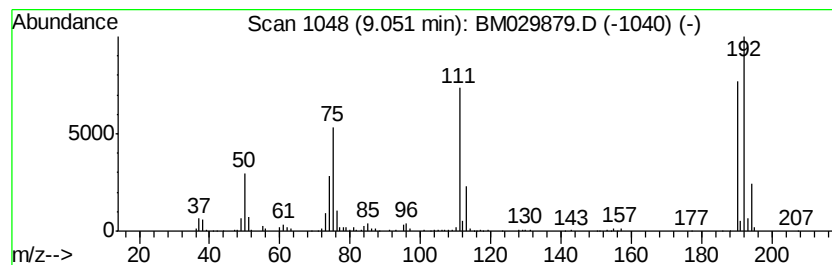
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	13.65 ng/ul	827900	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2		4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95



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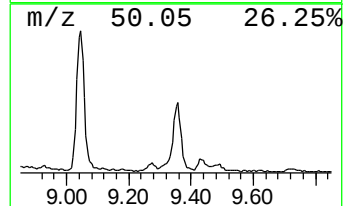
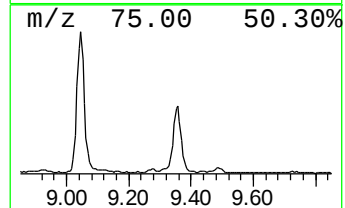
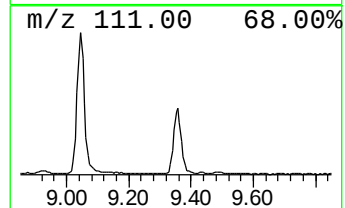
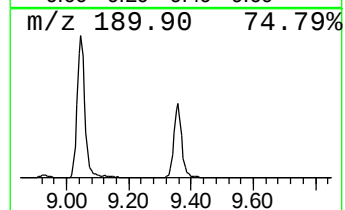
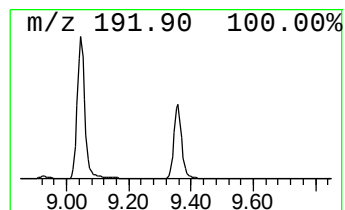
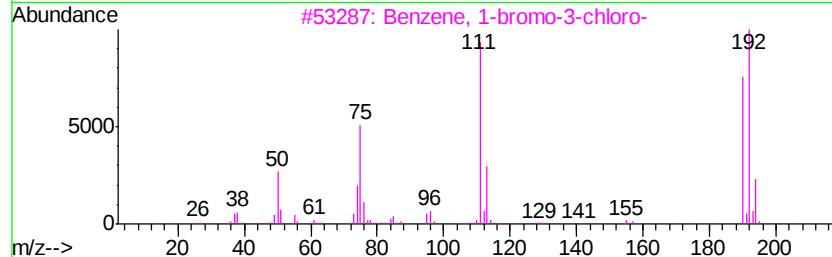
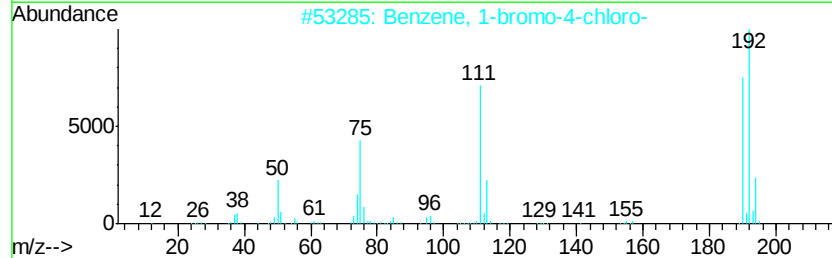
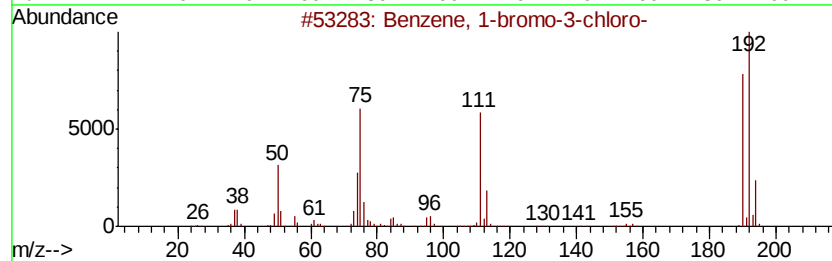
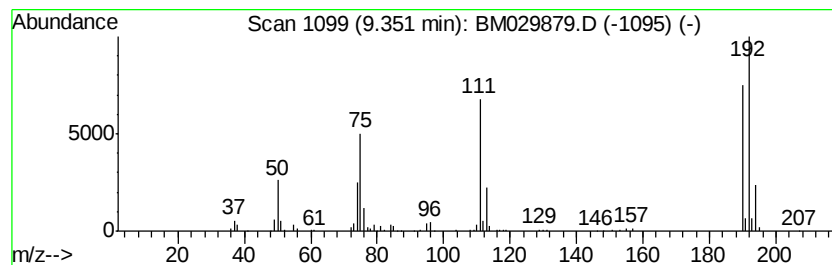
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	7.86 ng/ul	476450	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4		Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5		Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95



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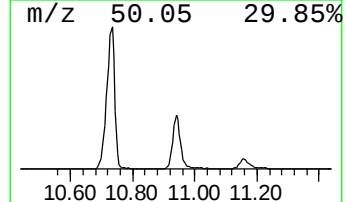
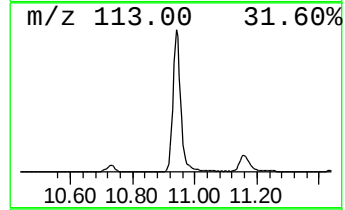
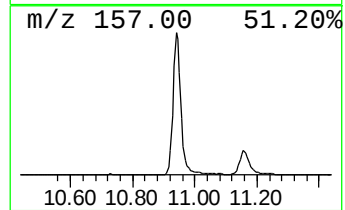
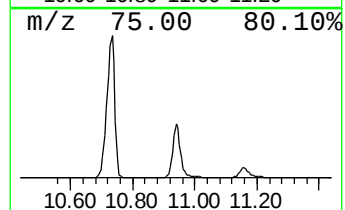
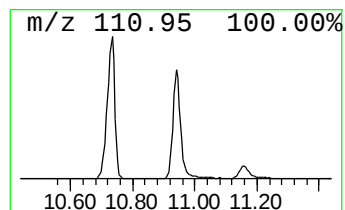
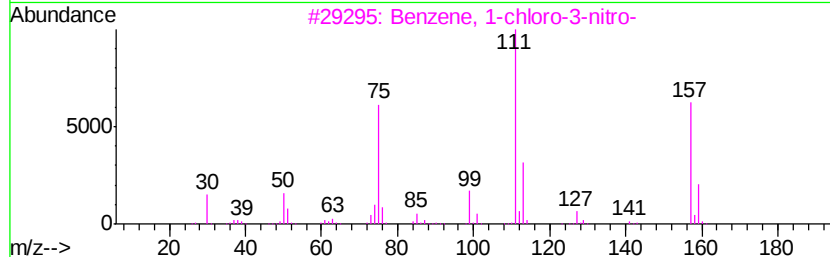
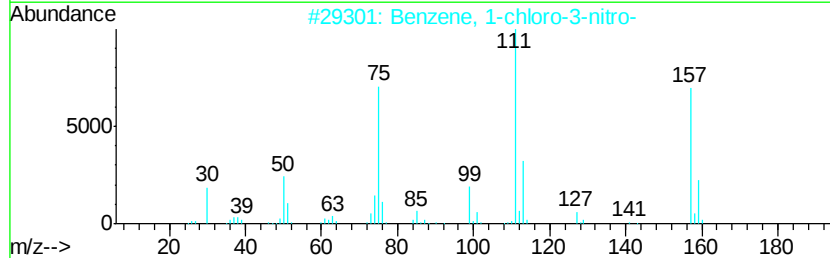
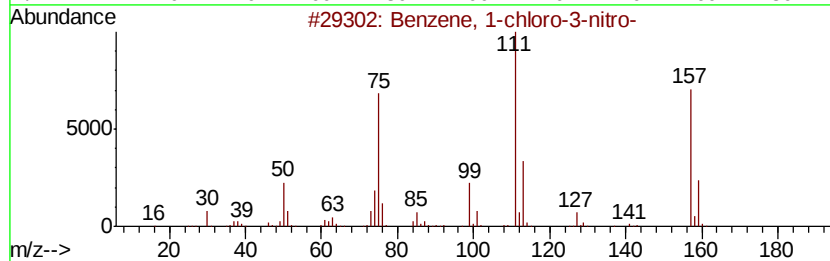
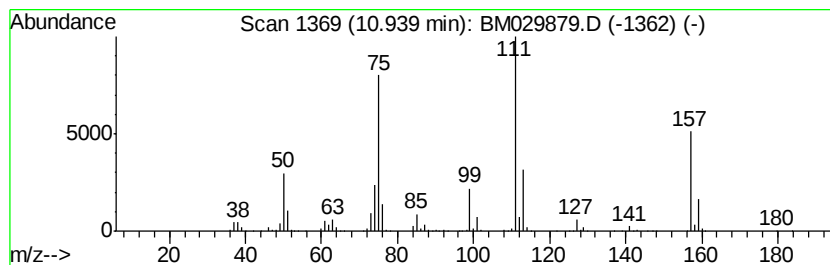
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	36.02 ng/ul	2183740	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90



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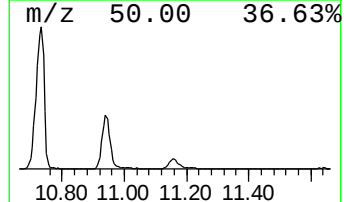
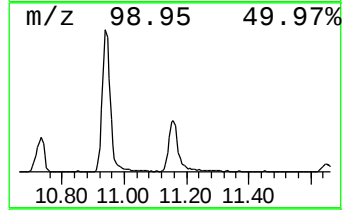
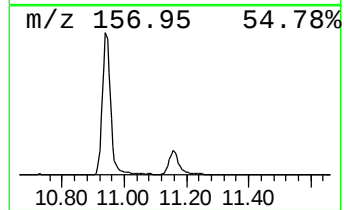
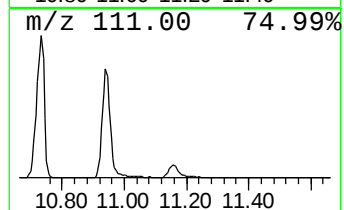
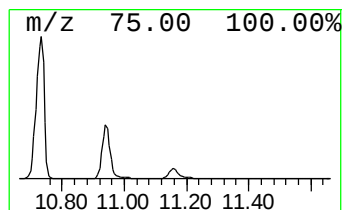
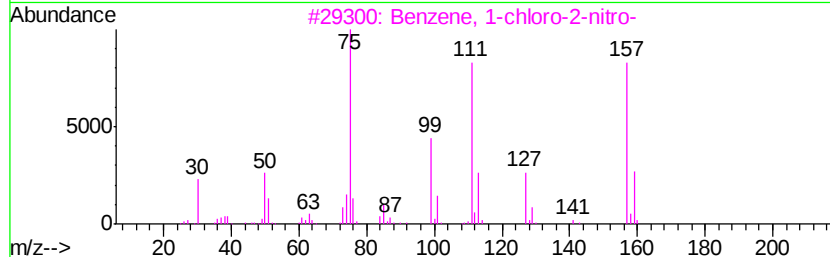
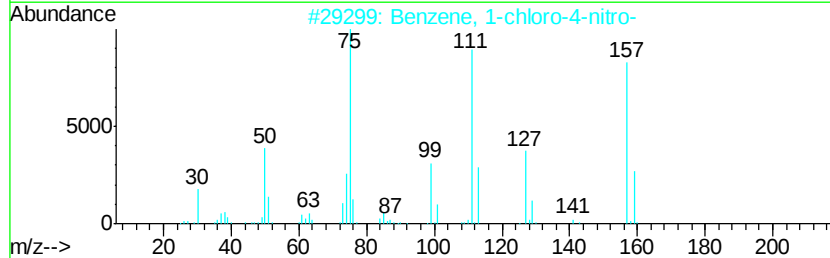
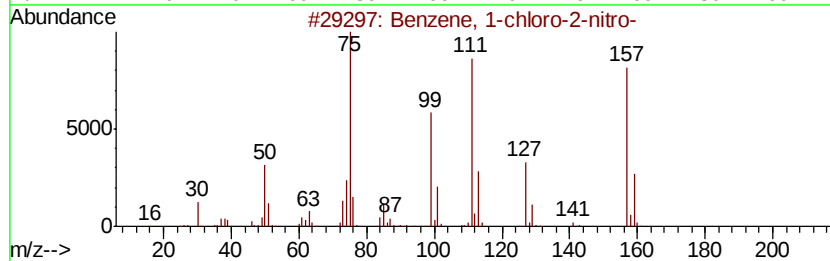
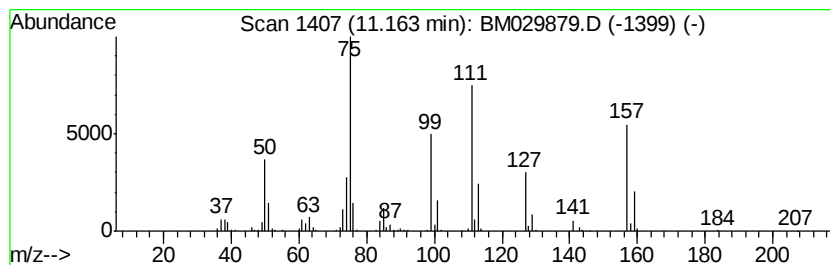
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Peak Number 10 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	8.25 ng/ul	500333	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94



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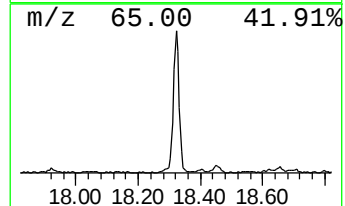
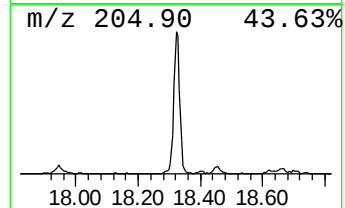
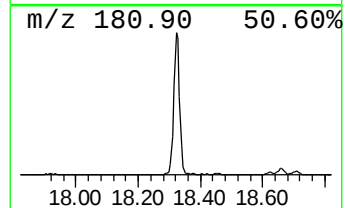
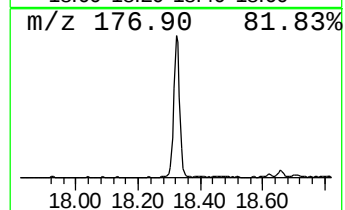
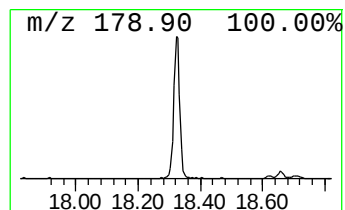
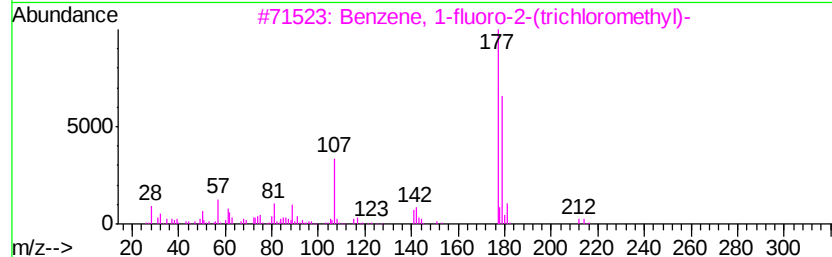
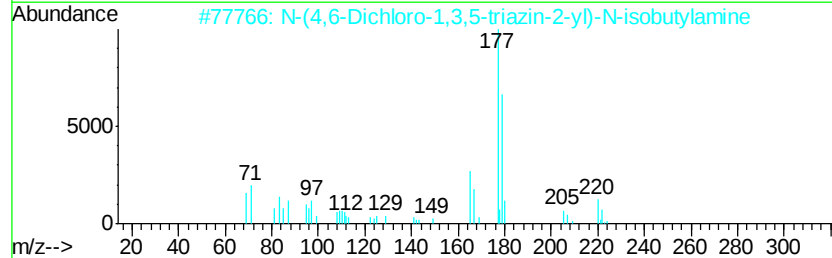
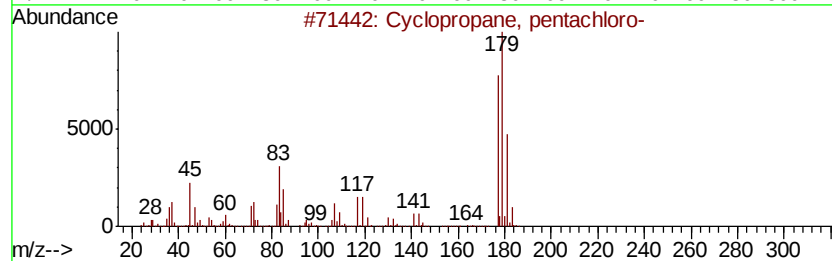
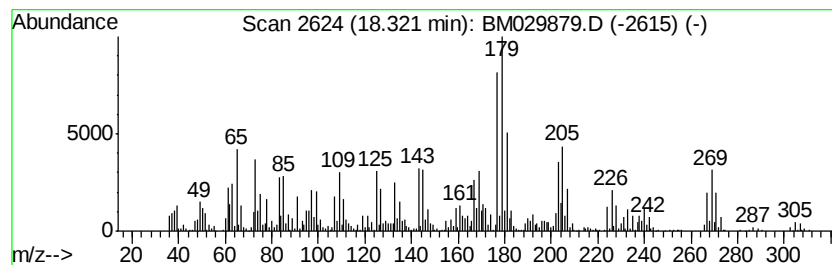
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Peak Number 11 unknown18.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	14.23 ng/ul	1397830	Phenanthrene-d10	16.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropane, pentachloro-	212 C3HC15	006262-51-7 22
2		N-(4,6-Dichloro-1,3,5-triazin-2-yl)-N-isobutylamine	220 C7H10Cl2N4	1000326-88-2 16
3		Benzene, 1-fluoro-2-(trichloromethyl)-	212 C7H4Cl3F	000488-98-2 14
4		Methyl 2,5-dichlorothiophene-3-carboxylate	210 C6H4Cl2O2S	145129-54-0 14
5		4-Chloroquinaldine	177 C10H8ClN	004295-06-1 11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
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Acq On : 07 May 2021 16:43
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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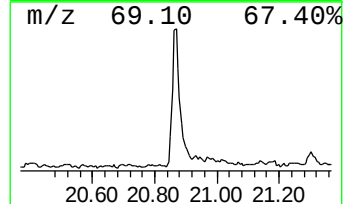
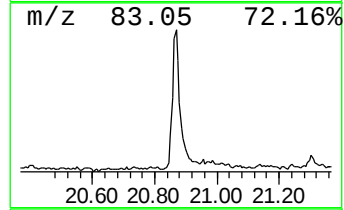
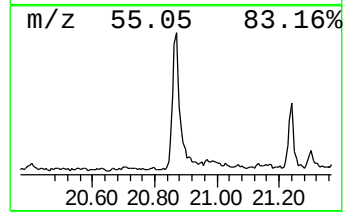
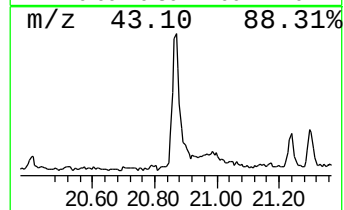
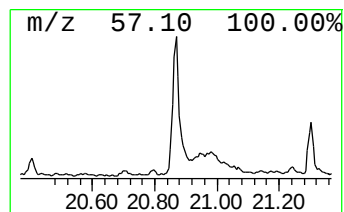
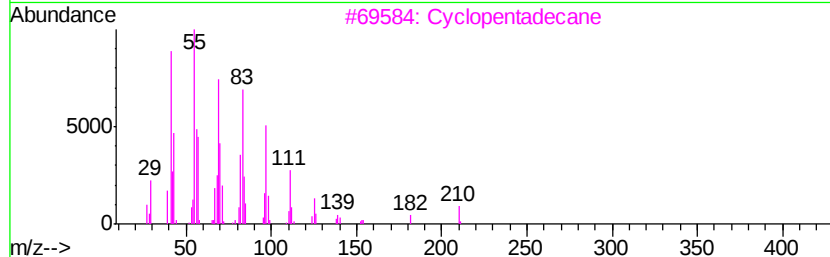
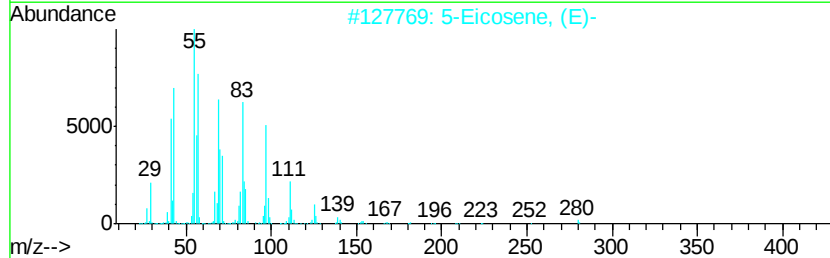
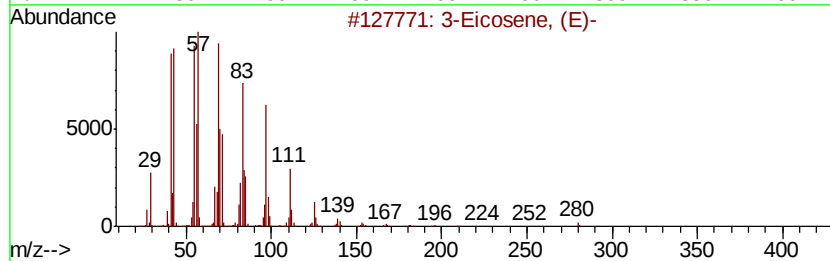
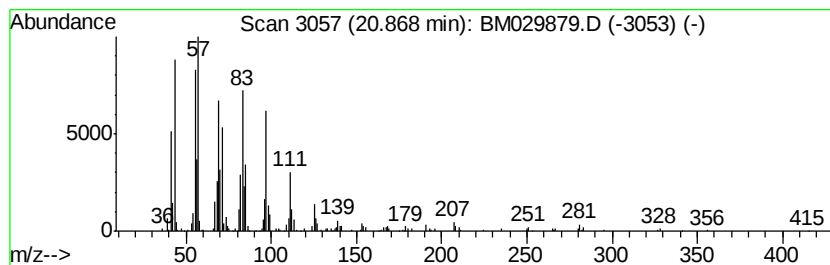
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.55 ng/ul	307872	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3			Cyclopentadecane	210	C15H30	000295-48-7	93
4			Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	93
5			Octacosanol	410	C28H58O	000557-61-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029879.D
Acq On : 07 May 2021 16:43
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0GH5

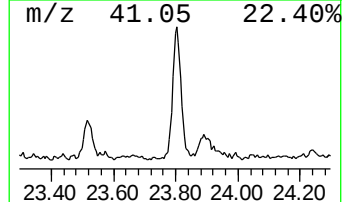
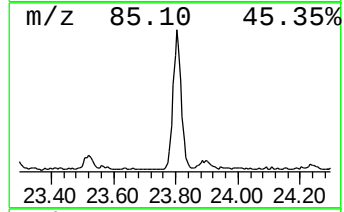
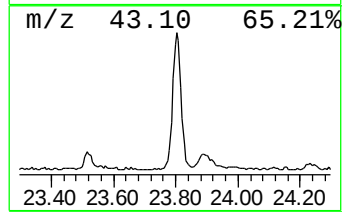
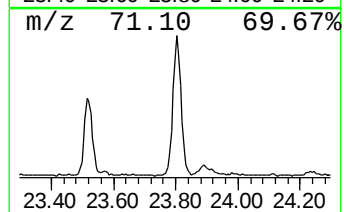
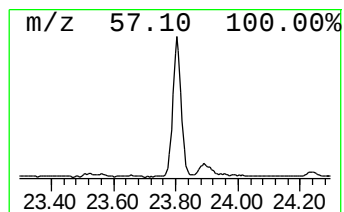
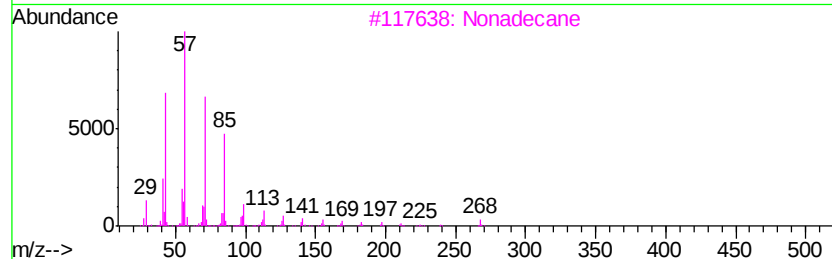
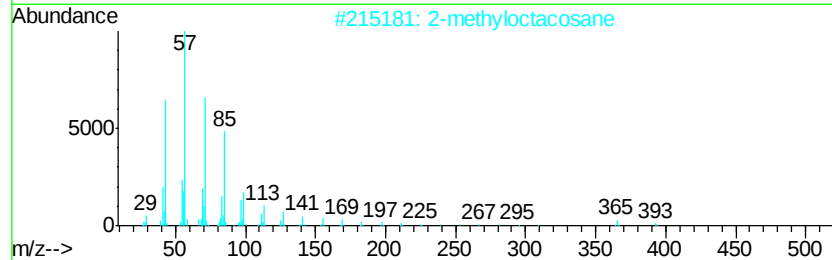
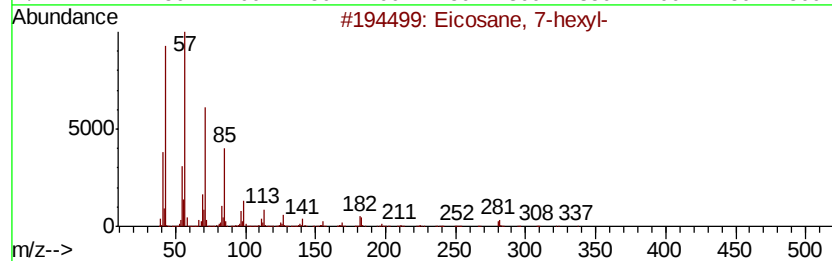
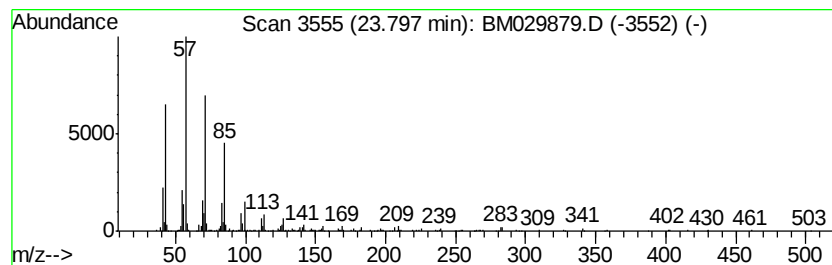
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.15 ng/ul	405146	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Heneicosane	296	C21H44	000629-94-7	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029879.D
Acq On : 07 May 2021 16:43
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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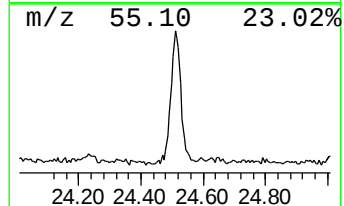
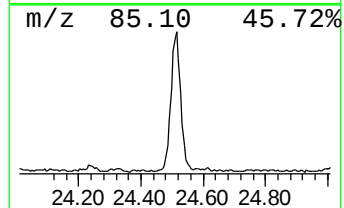
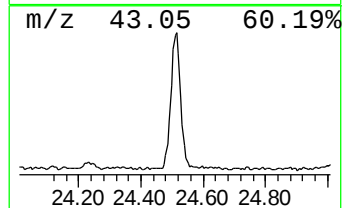
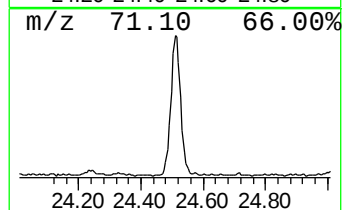
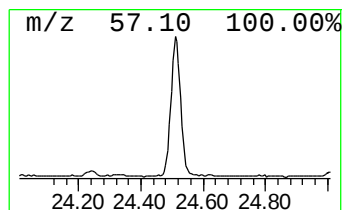
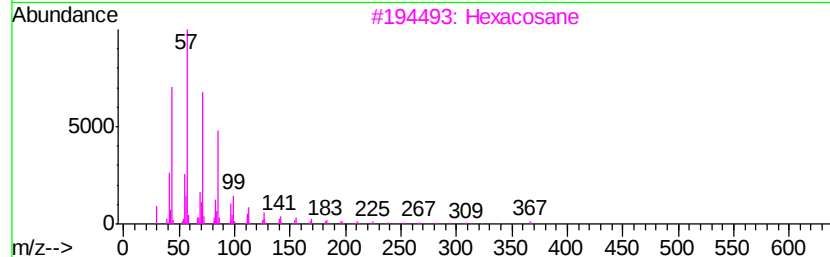
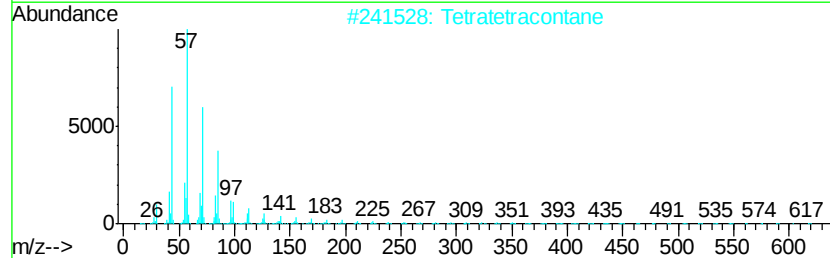
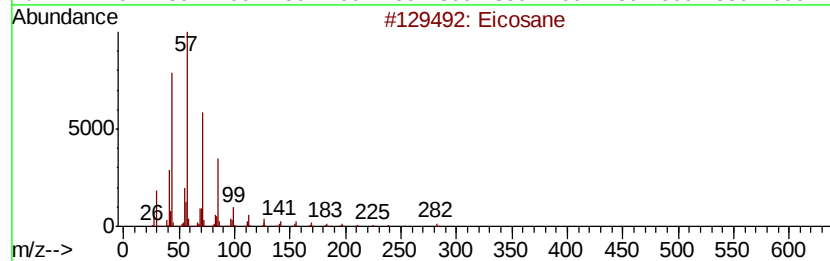
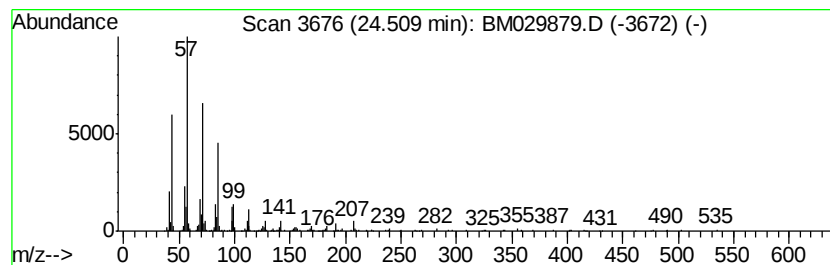
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	3.11 ng/ul	399173	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050721\
Data File : BM029879.D
Acq On : 07 May 2021 16:43
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-bromo-...	9.05	13.7	ng/ul	827900	2	10.35	1212680	20.0
Benzene, 1-bromo-...	9.35	7.9	ng/ul	476450	2	10.35	1212680	20.0
Benzene, 1-chloro...	10.94	36.0	ng/ul	2183740	2	10.35	1212680	20.0
Benzene, 1-chloro...	11.16	8.3	ng/ul	500333	2	10.35	1212680	20.0
unknown18.32	18.32	14.2	ng/ul	1397830	4	16.95	1965160	20.0
(DEL) Alkane: Str...	20.87	2.5	ng/ul	307872	5	21.14	2411800	20.0
(DEL) Alkane: Str...	23.80	3.1	ng/ul	405146	6	23.30	2569560	20.0
(DEL) Alkane: Str...	24.51	3.1	ng/ul	399173	6	23.30	2569560	20.0