

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021483.D
 Acq On : 17 Jul 2019 00:42
 Operator : HP/JU
 Sample : K3787-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C93

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-BM070819MA.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	5.151	347	368	372	rBV3	41422771	224530460	96.87%	22.827%
2	6.416	578	583	590	rVB	240725	389836	0.17%	0.040%
3	6.904	661	666	678	rVB	192923	361432	0.16%	0.037%
4	7.087	691	697	707	rVB	506532	1059195	0.46%	0.108%
5	7.269	721	728	741	rVB	672723	1276066	0.55%	0.130%
6	7.640	779	791	802	rBV	20636068	59280674	25.58%	6.027%
7	7.828	802	823	824	rBV4	44142569	176081842	75.97%	17.901%
8	8.169	860	881	883	rBV5	44853798	231786249	100.00%	23.564%
9	8.440	921	927	939	rVB	560938	937060	0.40%	0.095%
10	8.898	998	1005	1008	rBV	864215	1574599	0.68%	0.160%
11	8.945	1008	1013	1025	rVB	4717482	7968123	3.44%	0.810%
12	9.216	1052	1059	1070	rBV	738244	1217010	0.53%	0.124%
13	9.528	1107	1112	1119	rVB	396083	686458	0.30%	0.070%
14	9.610	1119	1126	1131	rBV	771444	1353258	0.58%	0.138%
15	10.145	1210	1217	1226	rBV	1084411	1928732	0.83%	0.196%
16	10.428	1248	1265	1269	rBV3	44809629	145837385	62.92%	14.826%
17	10.528	1276	1282	1288	rBV	1106876	1698485	0.73%	0.173%
18	10.916	1336	1348	1354	rBV	27415042	53563259	23.11%	5.445%
19	11.128	1372	1384	1398	rVB	3901305	6586386	2.84%	0.670%
20	11.333	1412	1419	1432	rVB	831766	1548304	0.67%	0.157%
21	11.816	1490	1501	1514	rVB3	125981	315978	0.14%	0.032%
22	12.510	1613	1619	1620	rBV2	505463	682000	0.29%	0.069%
23	12.545	1620	1625	1633	rVB	2383655	3705625	1.60%	0.377%
24	13.163	1722	1730	1740	rVB	8895965	13579218	5.86%	1.381%
25	13.786	1825	1836	1841	rBV	2308753	3321042	1.43%	0.338%
26	13.833	1841	1844	1856	rVB	251012	377947	0.16%	0.038%
27	14.063	1876	1883	1890	rVB	2542553	3683032	1.59%	0.374%
28	14.369	1925	1935	1941	rBV2	1532825	2298652	0.99%	0.234%
29	14.680	1983	1988	1994	rVB	252966	341094	0.15%	0.035%
30	15.363	2098	2104	2115	rBV	3165672	4594547	1.98%	0.467%
31	15.498	2121	2127	2138	rBV	845963	1218902	0.53%	0.124%
32	17.121	2396	2403	2409	rBV2	1995881	2747969	1.19%	0.279%
33	17.221	2413	2420	2431	rBV	3402978	4901213	2.11%	0.498%
34	18.015	2550	2555	2564	rBV	133936	249593	0.11%	0.025%

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Integration Parameters: LSCINT.P

Integrator: RTE
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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

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Title : SVOA CALIBRATION

35	18.498	2627	2637	2645	rBV	2983769	4269061	1.84%	0.434%
36	18.827	2690	2693	2697	rVV2	168166	247777	0.11%	0.025%
37	19.515	2804	2810	2820	rBV	4095090	5602899	2.42%	0.570%
38	21.309	3110	3115	3122	rBV	2097510	2809554	1.21%	0.286%
39	22.350	3289	3292	3296	rVB2	210235	249992	0.11%	0.025%
40	22.856	3375	3378	3383	rVB2	252920	344697	0.15%	0.035%
41	23.427	3468	3475	3485	rVB	2998300	5654200	2.44%	0.575%
42	23.568	3493	3499	3509	rVB2	1398840	2768835	1.19%	0.281%

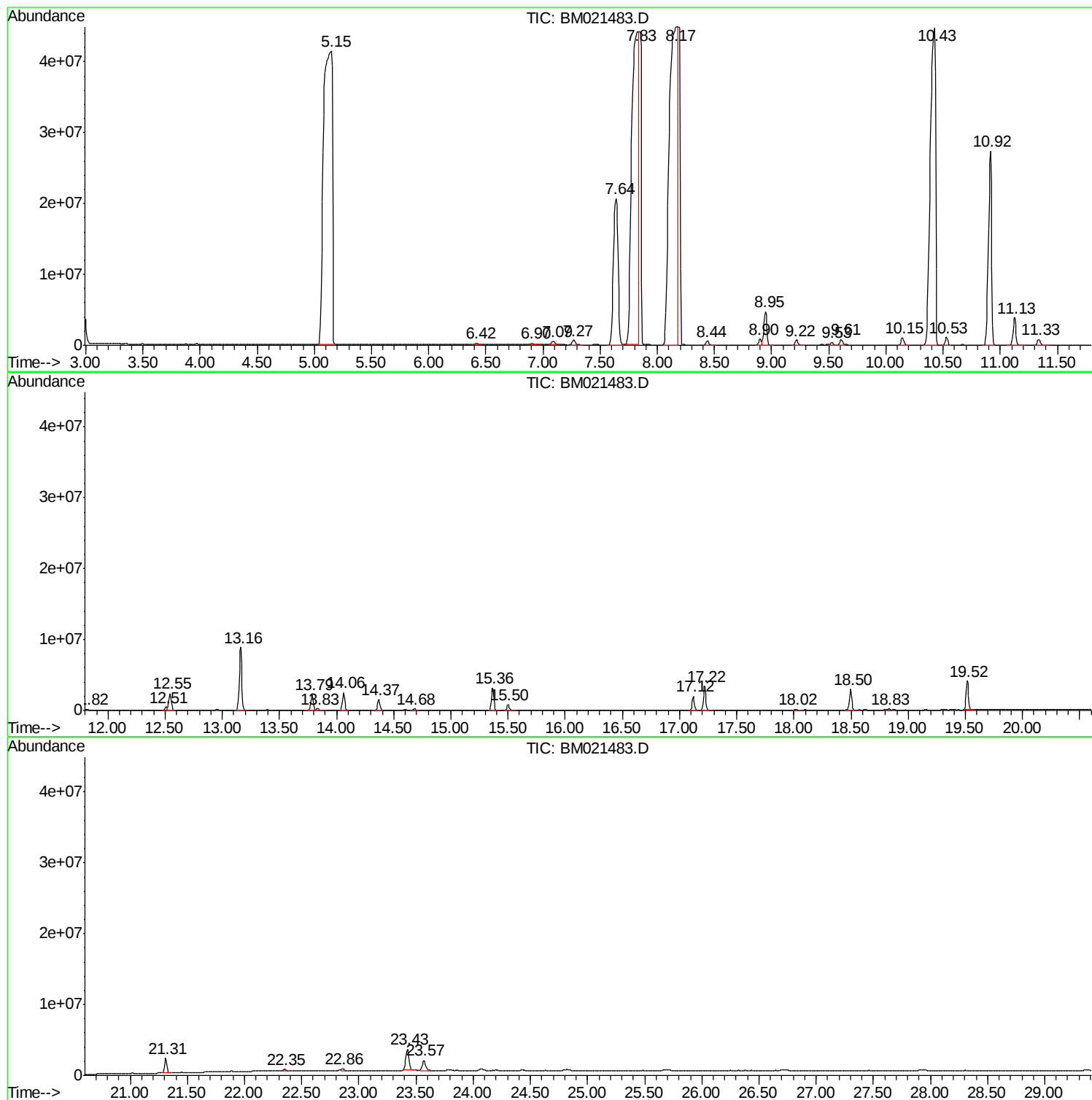
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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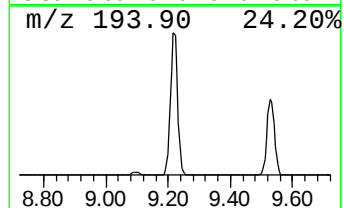
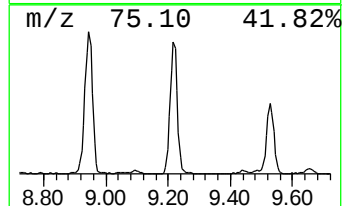
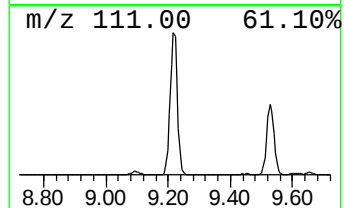
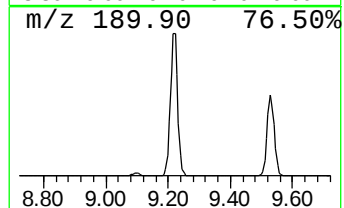
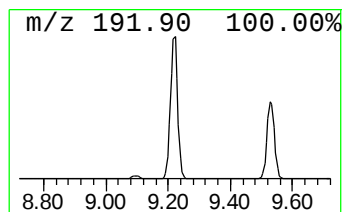
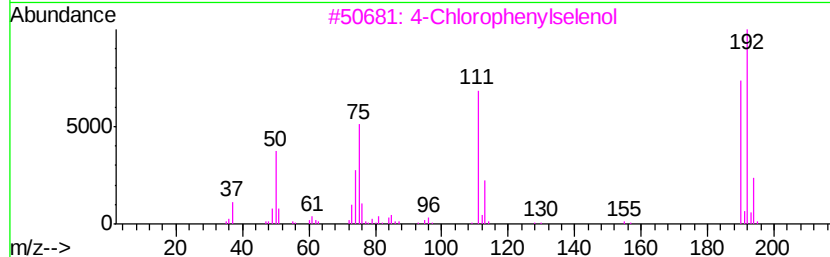
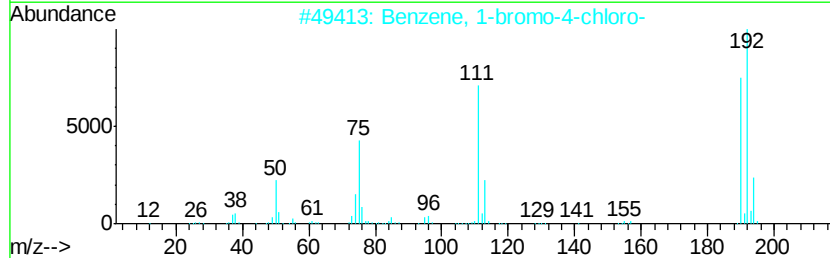
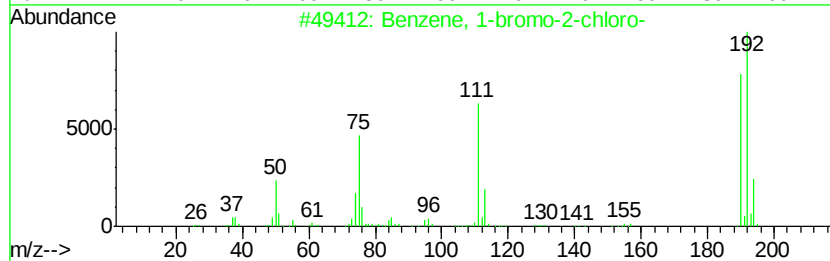
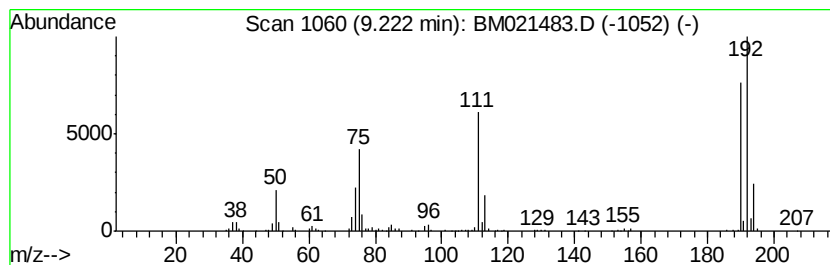
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	14.33 ng/ul	1217010	Napthalene-d8	10.53

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



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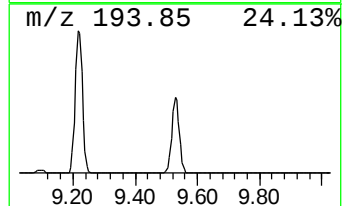
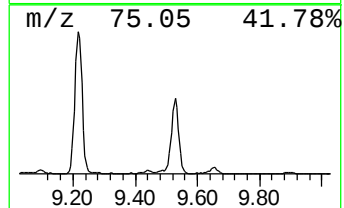
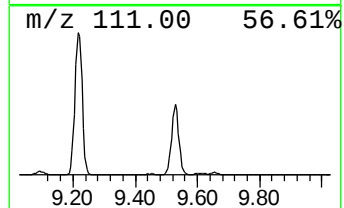
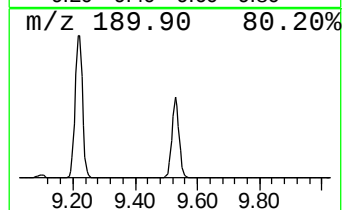
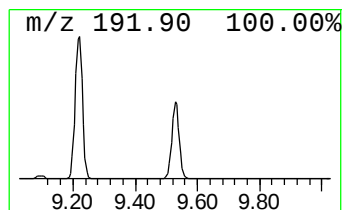
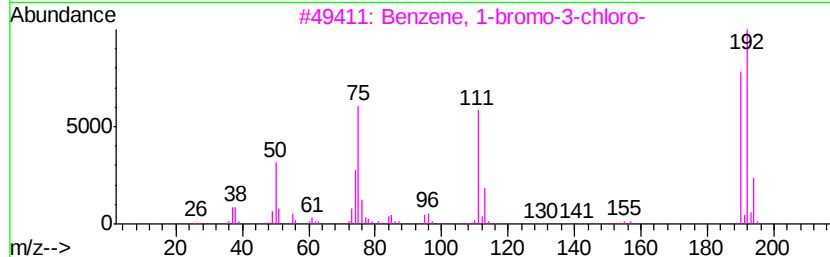
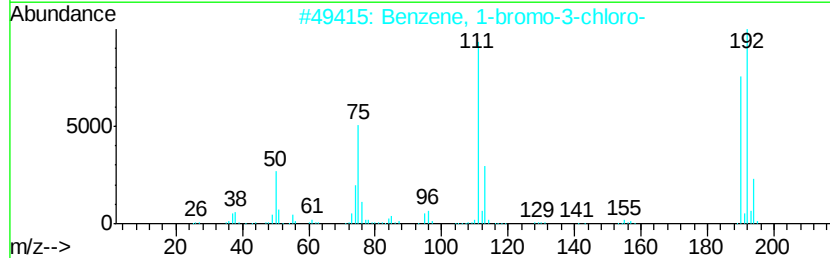
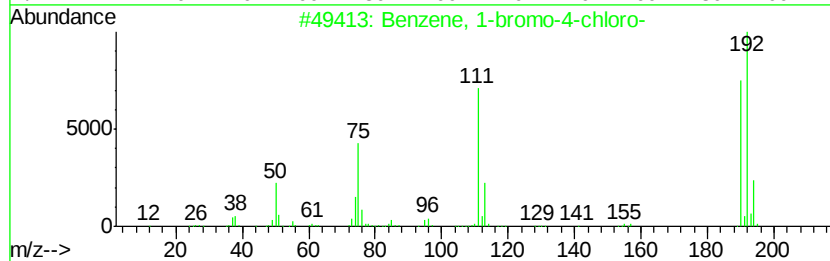
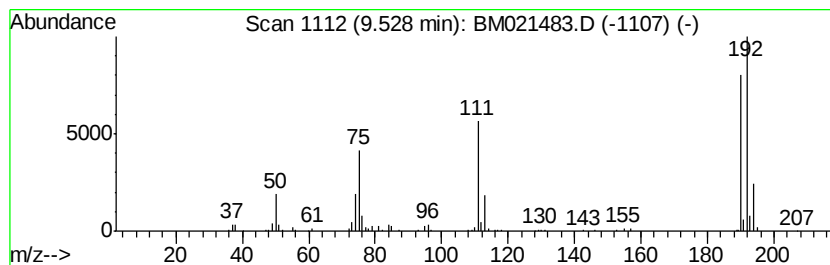
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	8.08 ng/ul	686458	Napthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
3			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94



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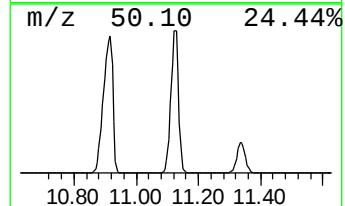
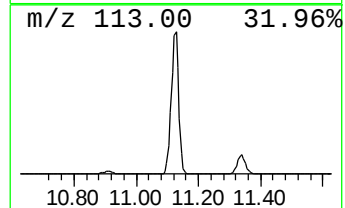
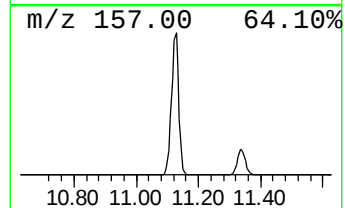
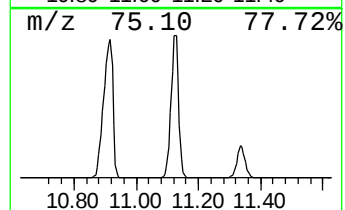
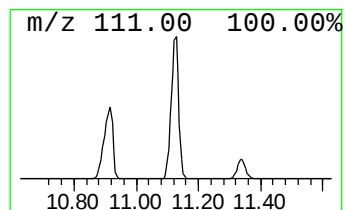
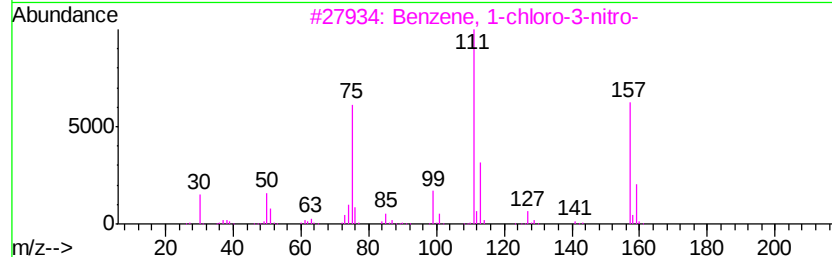
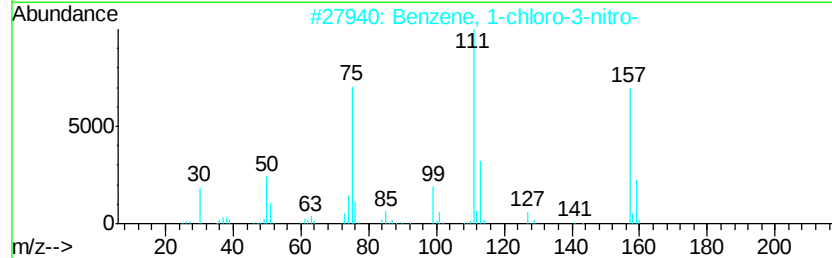
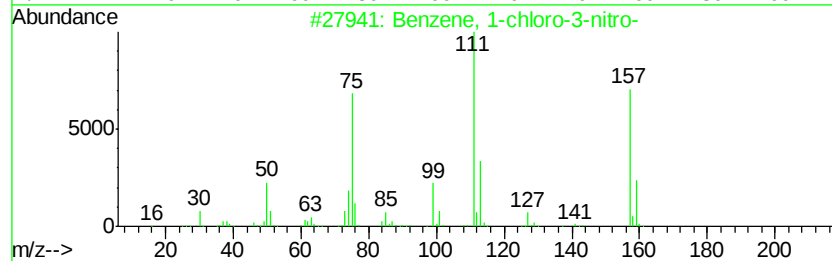
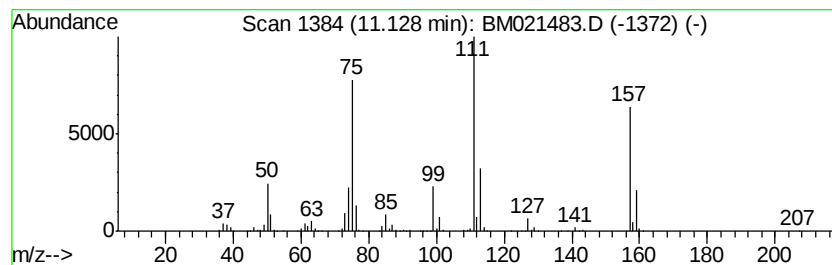
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	77.56 ng/ul	6586390	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91



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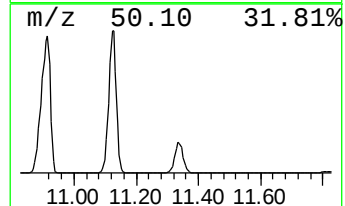
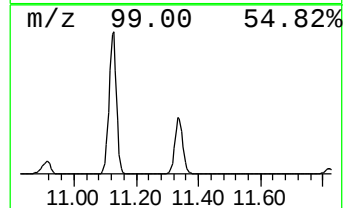
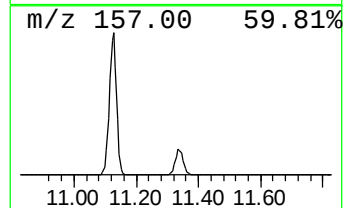
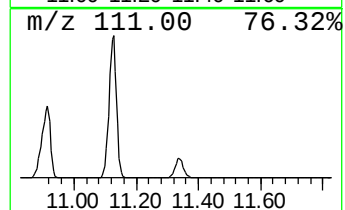
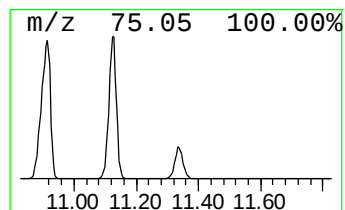
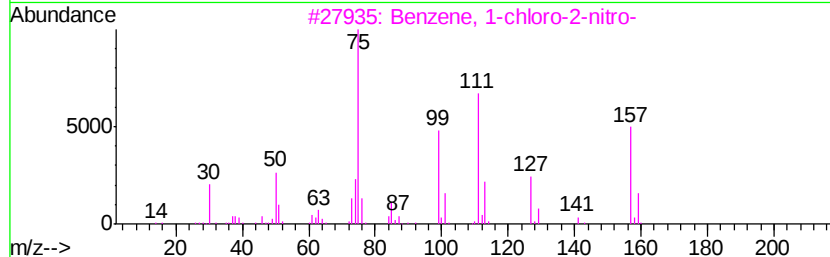
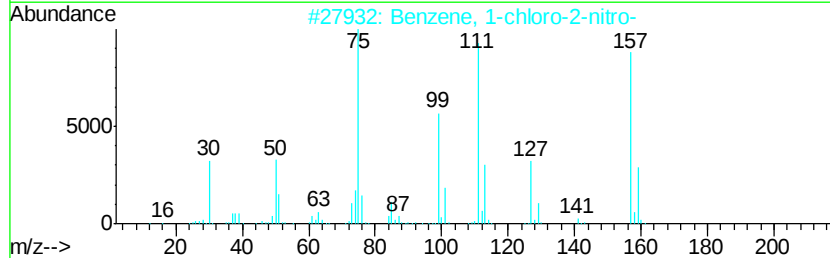
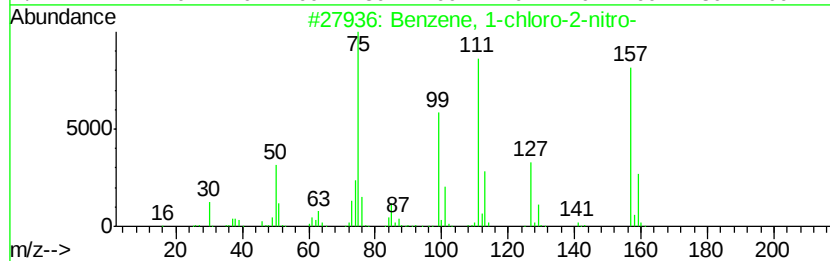
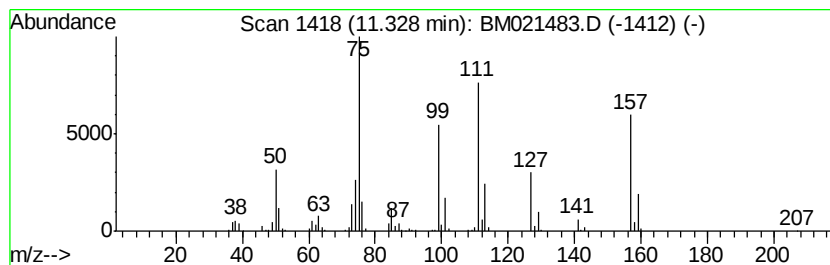
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	18.23 ng/ul	1548300	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97



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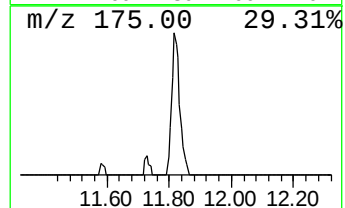
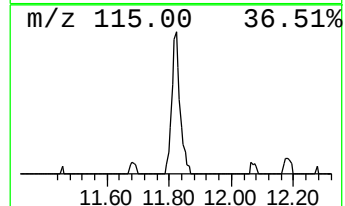
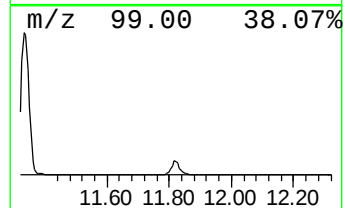
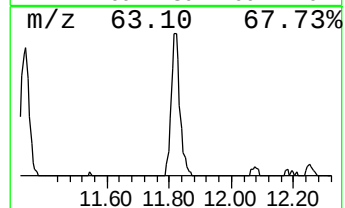
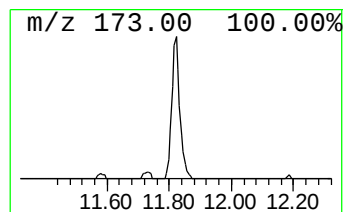
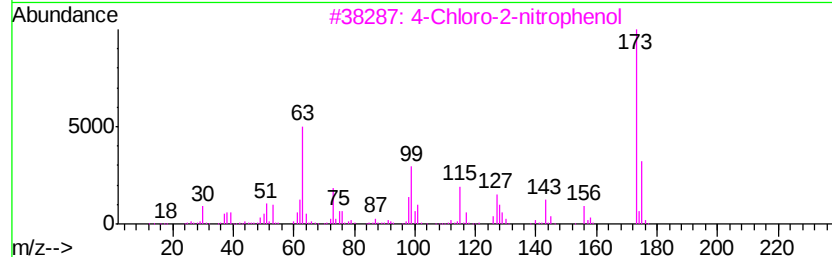
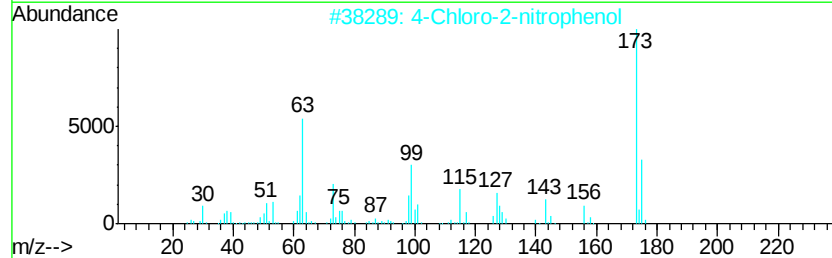
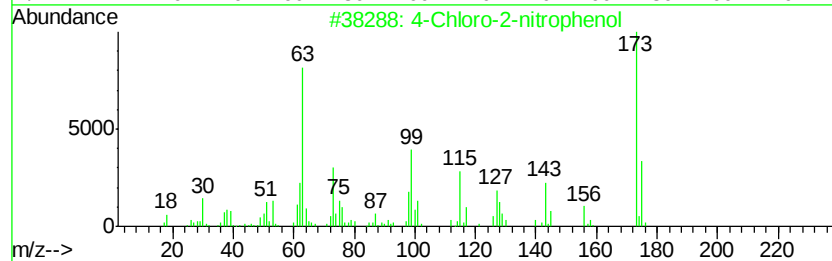
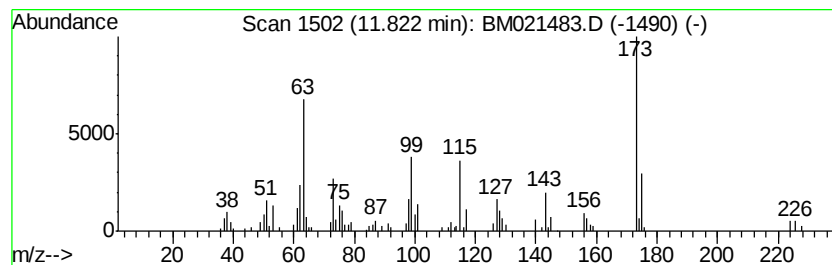
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.72 ng/ul	315978	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
4		Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	80
5		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021483.D
Acq On : 17 Jul 2019 00:42
Operator : HP/JU
Sample : K3787-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C93

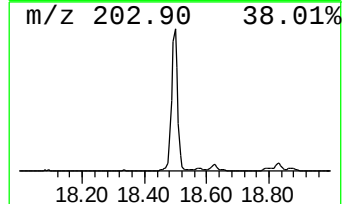
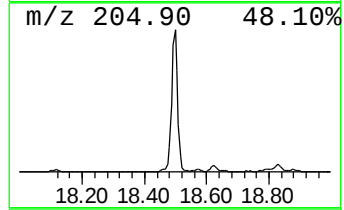
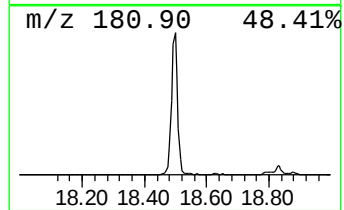
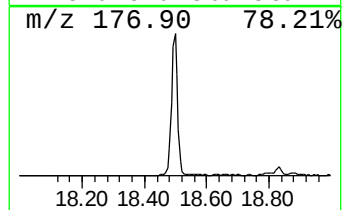
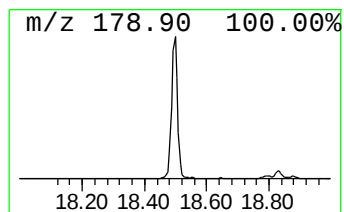
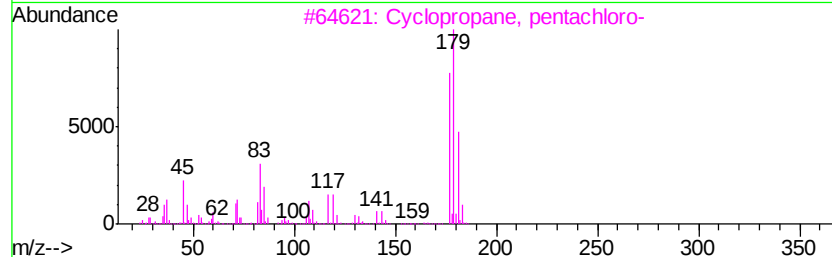
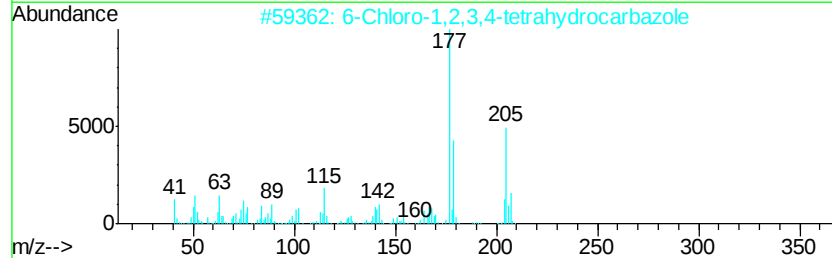
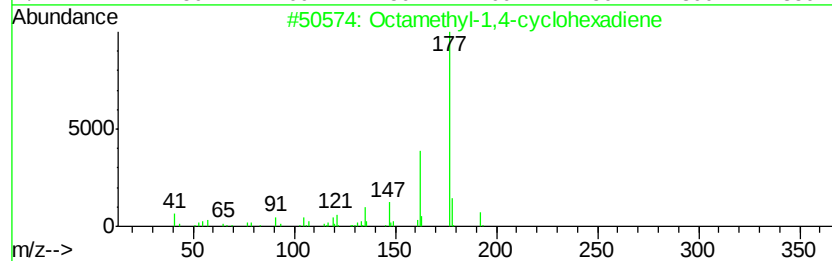
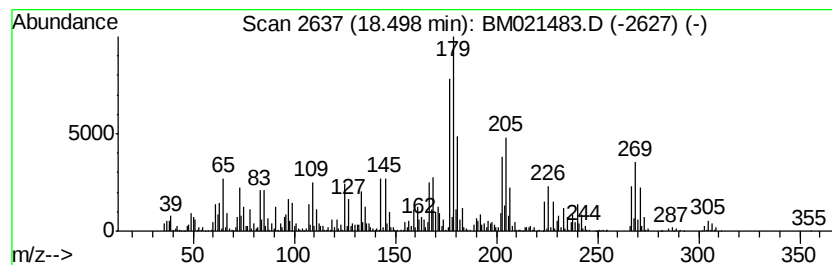
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	31.07 ng/ul	4269060	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	44
2		6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
3		Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	37
4		6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	35
5		4-Chloro-2(1H)-quinolinone	179	C9H6ClNO	020146-59-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021483.D
Acq On : 17 Jul 2019 00:42
Operator : HP/JU
Sample : K3787-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C93

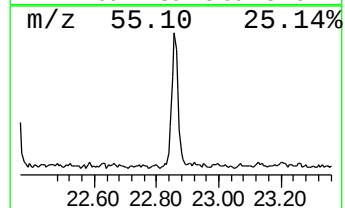
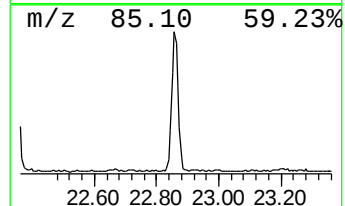
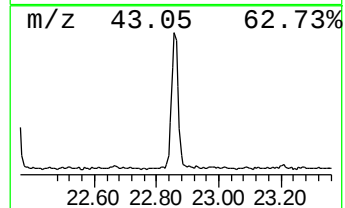
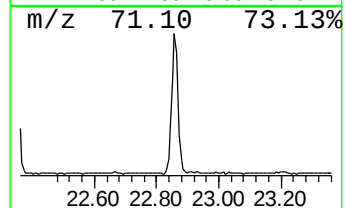
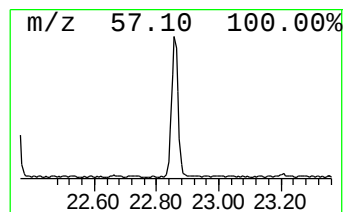
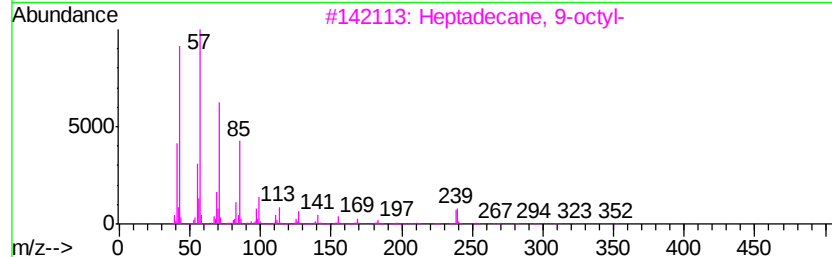
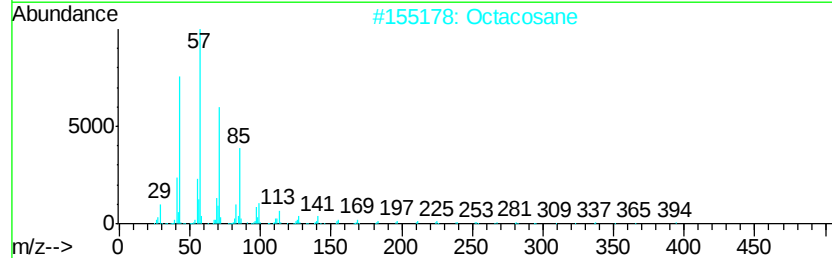
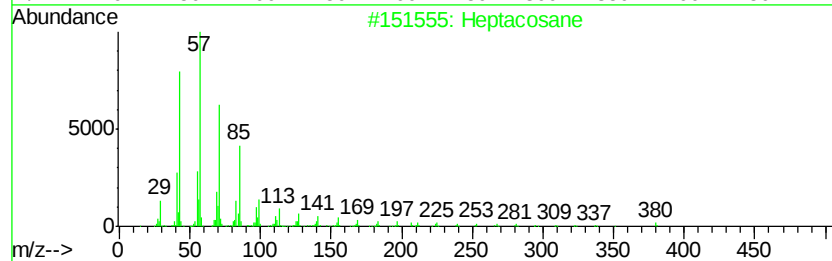
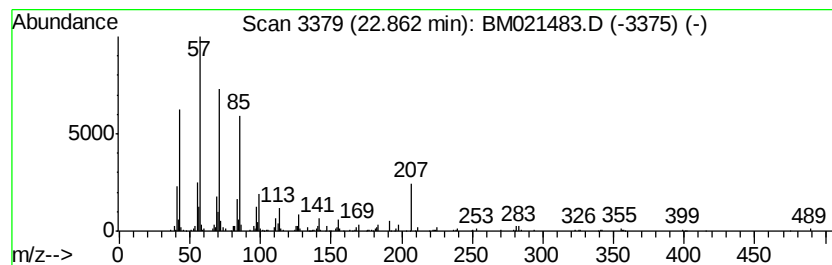
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.49 ng/ul	344697	Perylene-d12	23.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			triacontane	422	C30H62	000638-68-6	91
5			Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021483.D
Acq On : 17 Jul 2019 00:42
Operator : HP/JU
Sample : K3787-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C93

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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
Benzene, 1-bromo-...	9.22	14.3	ng/ul	1217010	2	10.53	1698490	20.0
Benzene, 1-bromo-...	9.53	8.1	ng/ul	686458	2	10.53	1698490	20.0
Benzene, 1-chloro...	11.13	77.6	ng/ul	6586390	2	10.53	1698490	20.0
Benzene, 1-chloro...	11.33	18.2	ng/ul	1548300	2	10.53	1698490	20.0
4-Chloro-2-nitrop...	11.82	3.7	ng/ul	315978	2	10.53	1698490	20.0
unknown-01	18.50	31.1	ng/ul	4269060	4	17.12	2747970	20.0
(DEL) Alkane: Str...	22.86	2.5	ng/ul	344697	6	23.57	2768840	20.0