

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002644.D
 Acq On : 12 Sep 2018 00:25
 Operator : JU/SJ
 Sample : J4837-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08T0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN081318MA.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	6.852	648	657	671	rVB	182783	367536	5.51%	0.593%
2	7.005	676	683	697	rBV	693534	1079789	16.19%	1.742%
3	7.199	709	716	727	rBV	734921	1195017	17.92%	1.928%
4	7.658	787	794	801	rBV	596954	986706	14.80%	1.592%
5	7.728	801	806	817	rVB	40309	79784	1.20%	0.129%
6	8.369	909	915	926	rVV	542243	939130	14.09%	1.516%
7	8.746	974	979	984	rBV	190233	312016	4.68%	0.504%
8	8.810	984	990	996	rVV	911969	1498183	22.47%	2.418%
9	9.528	1104	1112	1124	rBV	749587	1294562	19.42%	2.089%
10	10.063	1196	1203	1218	rBV	1034689	1844982	27.67%	2.977%
11	10.346	1246	1251	1259	rBV2	93709	177475	2.66%	0.286%
12	10.428	1259	1265	1273	rVB	923326	1552446	23.28%	2.505%
13	13.216	1731	1739	1754	rBV	1669415	2613702	39.20%	4.218%
14	13.710	1817	1823	1828	rBV	2220764	3111183	46.66%	5.021%
15	13.987	1862	1870	1878	rBV	2512154	3725993	55.88%	6.013%
16	14.169	1896	1901	1906	rBV	50450	78727	1.18%	0.127%
17	14.293	1914	1922	1931	rBV2	1452973	2216135	33.24%	3.576%
18	14.534	1958	1963	1983	rBV	108021	294701	4.42%	0.476%
19	14.981	2033	2039	2046	rBV	60583	108188	1.62%	0.175%
20	15.293	2085	2092	2103	rVB	3392542	4758408	71.37%	7.679%
21	15.428	2109	2115	2129	rBV	1147215	1653377	24.80%	2.668%
22	17.045	2383	2390	2398	rVB2	1898716	2732259	40.98%	4.409%
23	17.145	2400	2407	2417	rBV	3634803	5288846	79.32%	8.535%
24	17.716	2499	2504	2510	rVB	899299	1076413	16.14%	1.737%
25	17.945	2537	2543	2552	rBV2	52469	93442	1.40%	0.151%
26	19.445	2791	2798	2805	rBV2	4466276	6101254	91.51%	9.846%
27	20.498	2973	2977	2981	rBV	60564	70084	1.05%	0.113%
28	20.963	3053	3056	3062	rVB2	115427	142838	2.14%	0.231%
29	21.027	3063	3067	3073	rVV	104162	143592	2.15%	0.232%
30	21.245	3098	3104	3112	rBV	2643579	3391214	50.86%	5.472%
31	21.398	3127	3130	3136	rVB	162362	182200	2.73%	0.294%
32	21.833	3200	3204	3208	rBV	222402	258892	3.88%	0.418%
33	22.292	3277	3282	3288	rVB	336097	454021	6.81%	0.733%
34	22.786	3361	3366	3372	rVB	417263	590272	8.85%	0.953%

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35	23.321	3449	3457	3468	rBV	3322422	6667453	100.00%	10.759%
36	23.463	3474	3481	3495	rVB	1605354	3082344	46.23%	4.974%
37	23.974	3562	3568	3575	rBV	381053	695026	10.42%	1.122%
38	24.698	3685	3691	3701	rVB	292246	662195	9.93%	1.069%
39	25.545	3829	3835	3846	rVB	175604	447928	6.72%	0.723%

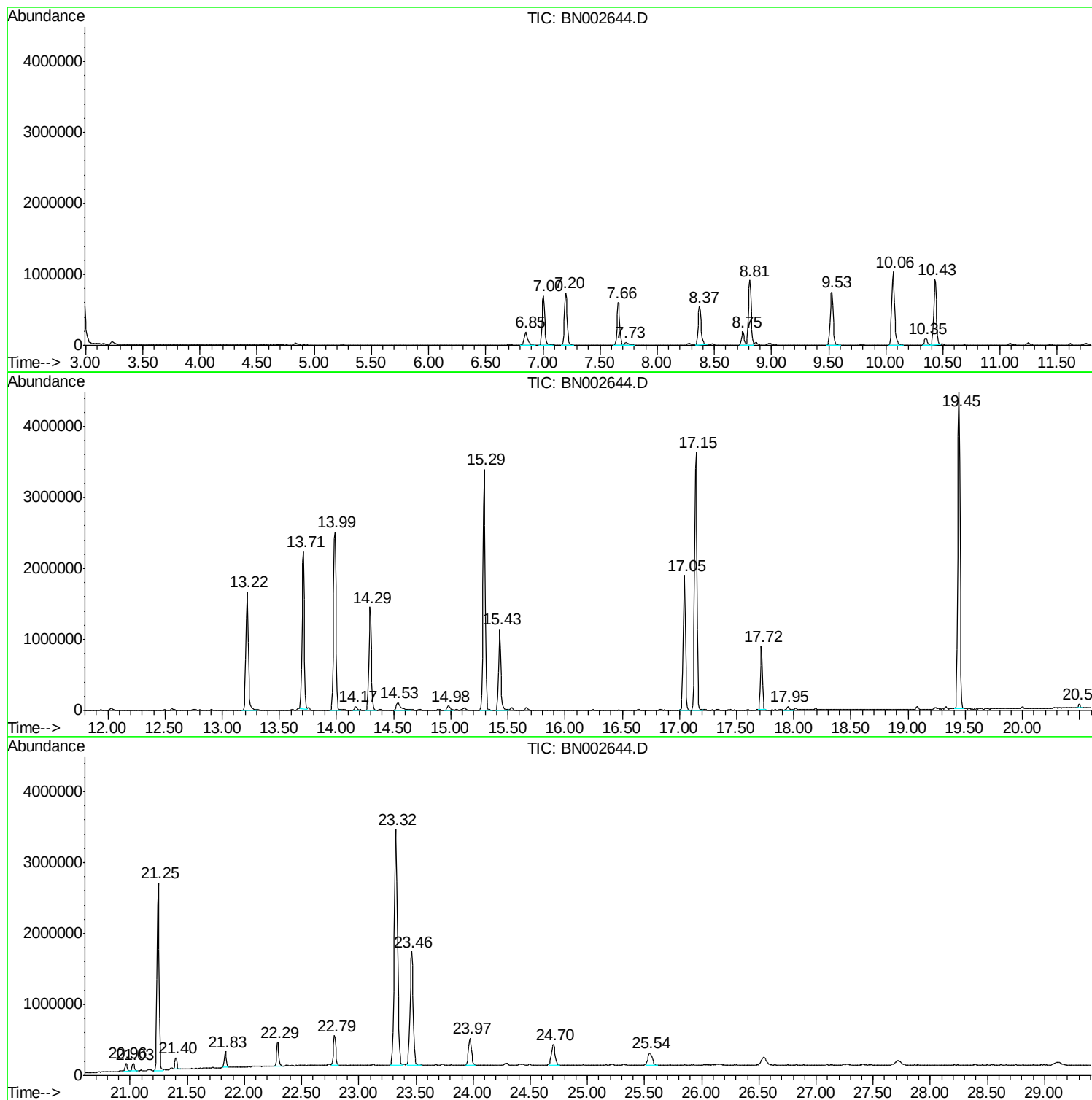
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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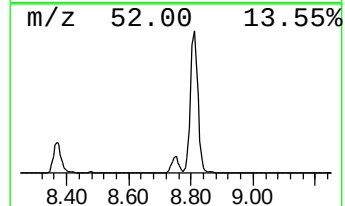
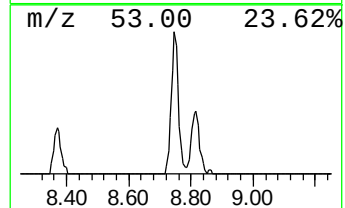
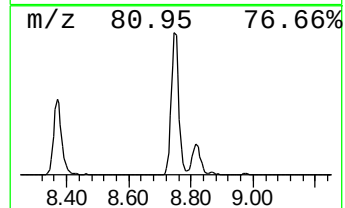
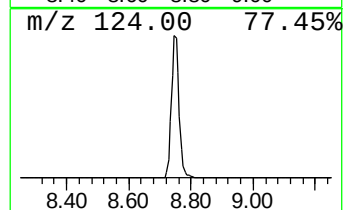
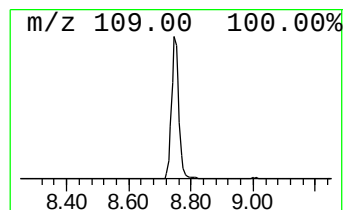
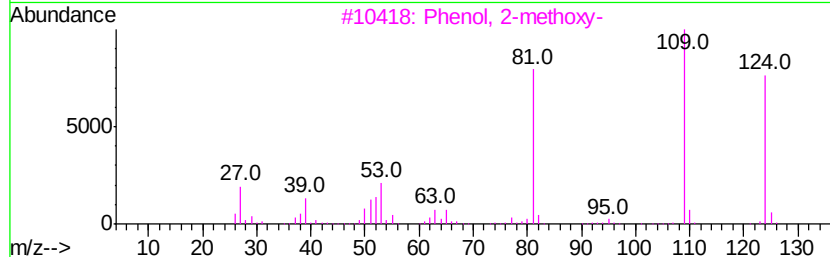
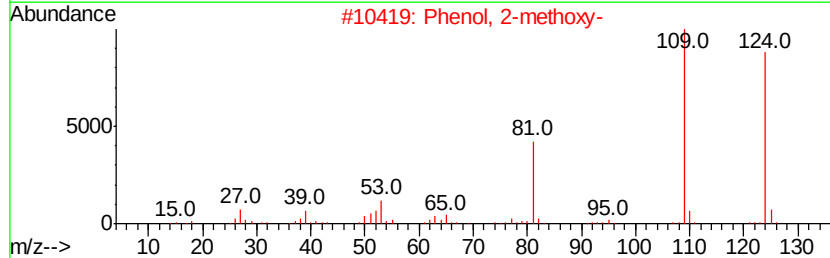
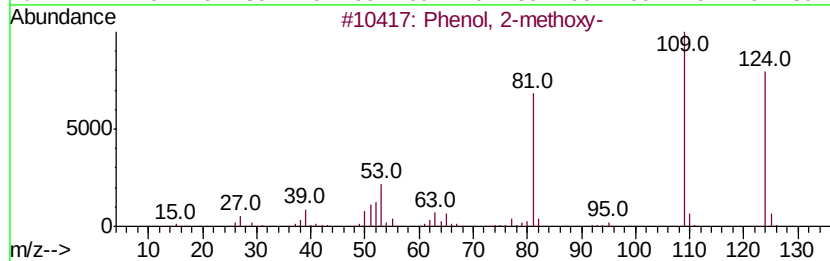
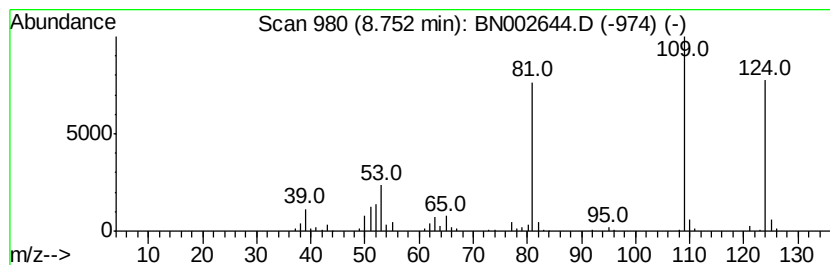
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.75	6.32 ng/ul	312016	1,4-Dichlorobenzene-d4	7.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-		124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-		124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-		124	C7H8O2	000090-05-1	91
4	Mequinol		124	C7H8O2	000150-76-5	91
5	Phenol, 2-methoxy-		124	C7H8O2	000090-05-1	64



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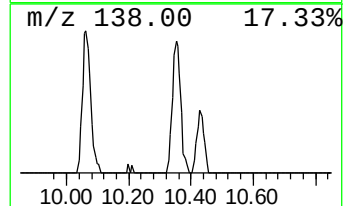
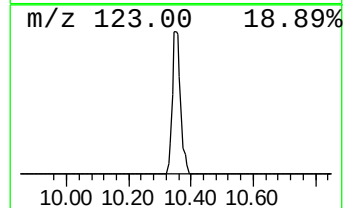
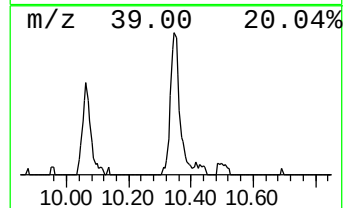
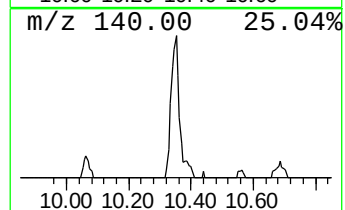
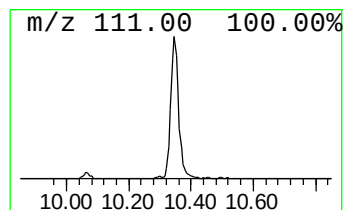
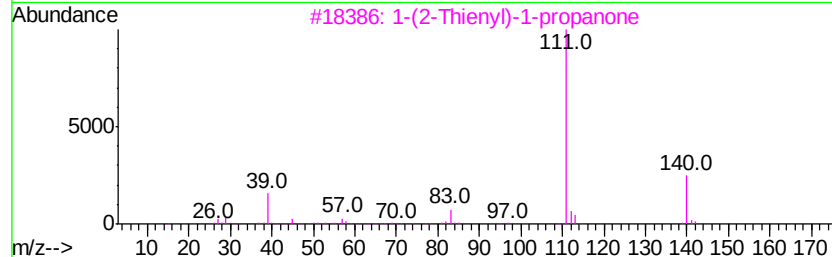
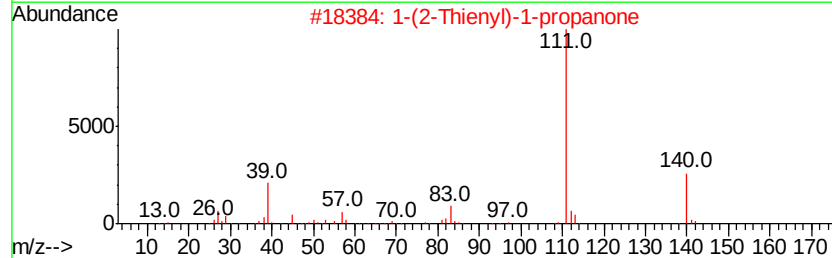
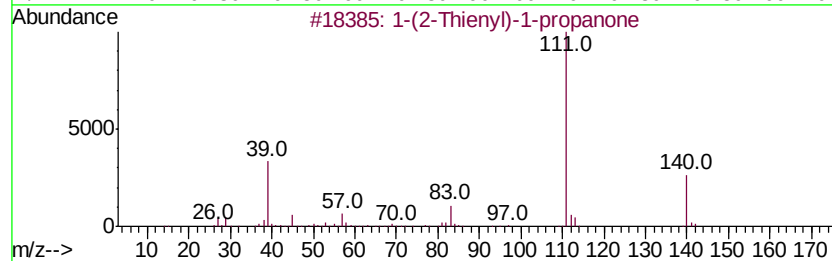
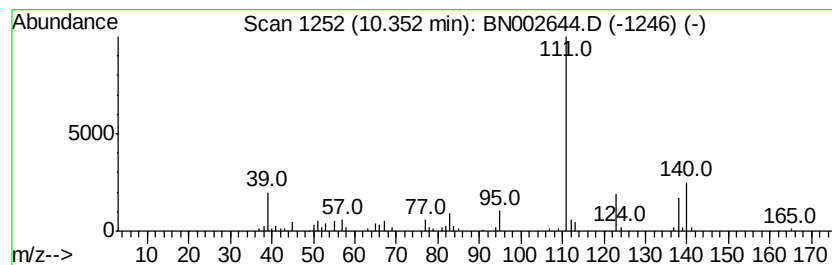
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-(2-Thienyl)-1-propanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.29 ng/ul	177475	Napthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	81
2		1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	81
3		1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	72
4		2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	59
5		2(1H)-Pyridinone, 3-hydroxy-	111	C5H5NO2	016867-04-2	47



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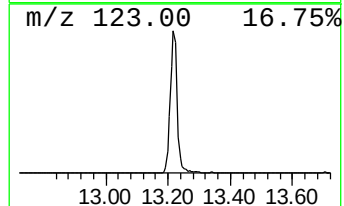
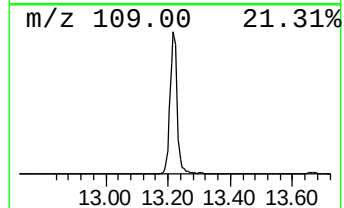
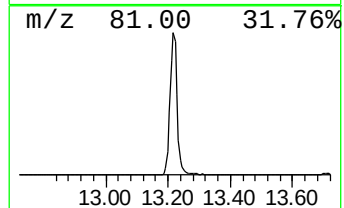
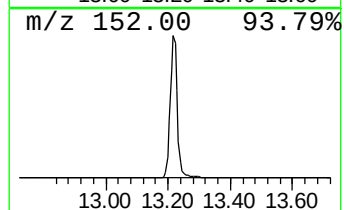
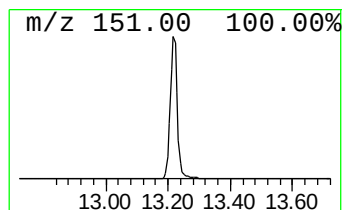
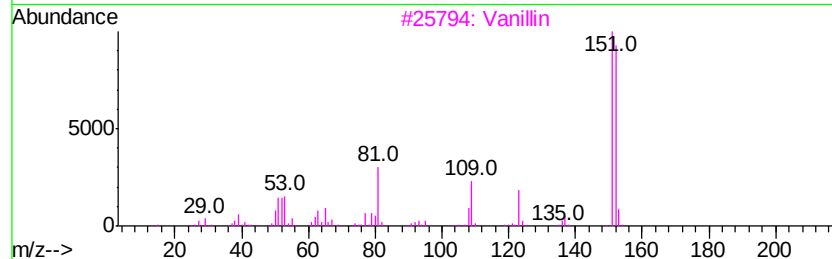
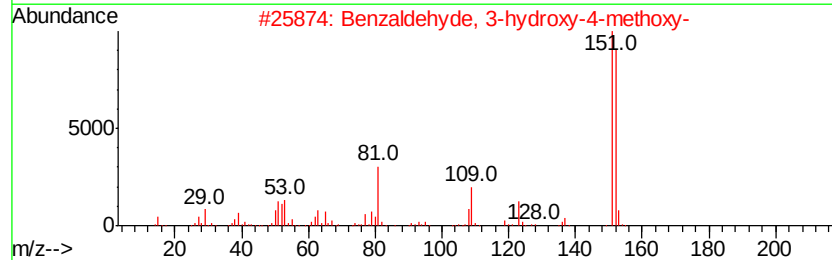
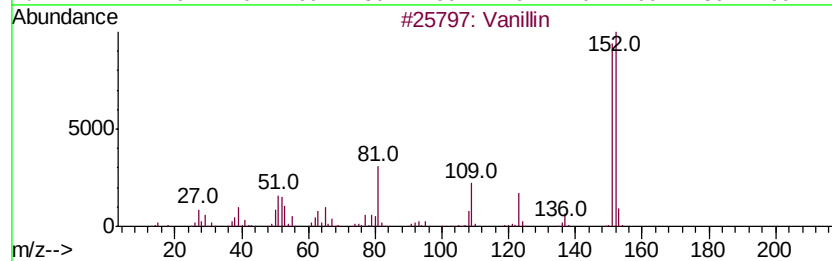
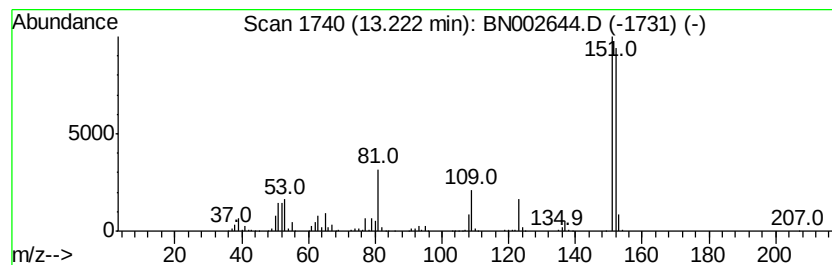
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	23.59 ng/ul	2613700	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	97
2		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3		Vanillin	152	C8H8O3	000121-33-5	97
4		Vanillin	152	C8H8O3	000121-33-5	97
5		Vanillin	152	C8H8O3	000121-33-5	95



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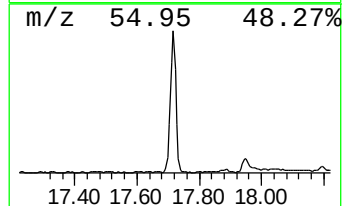
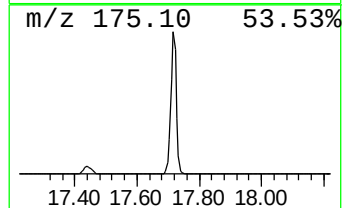
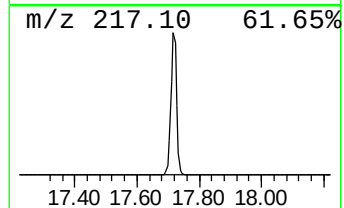
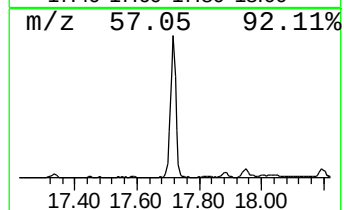
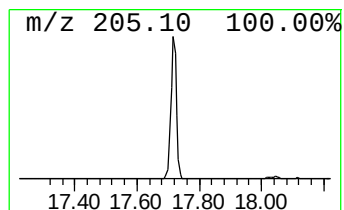
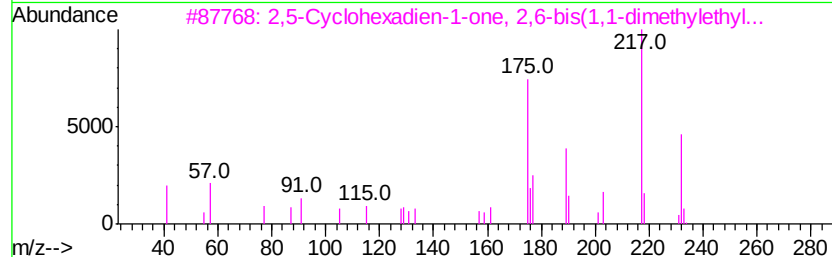
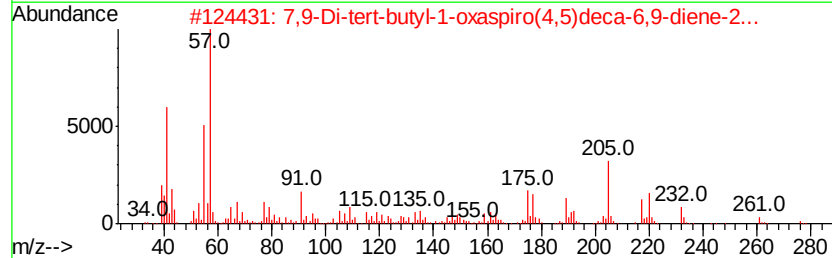
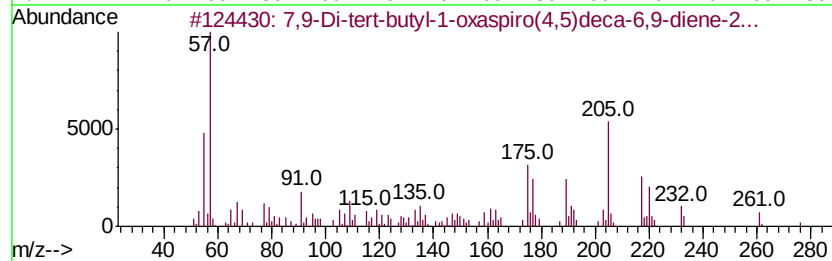
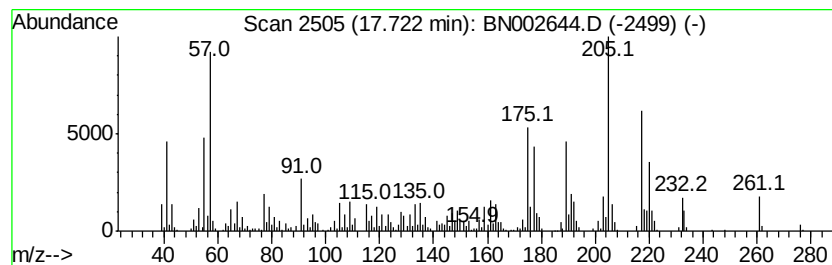
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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	7.88 ng/ul	1076410	Phenanthrene-d10	17.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
3	2,5-Cyclohexadien-1-one, 2,6-bis(1,1-dimethylethyl)-	232	C16H24O	006738-27-8	80
4	Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	50
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30



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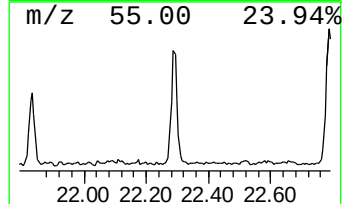
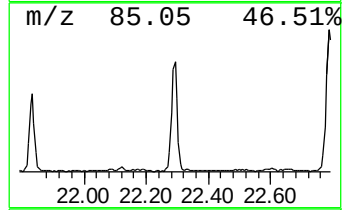
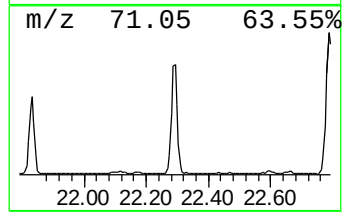
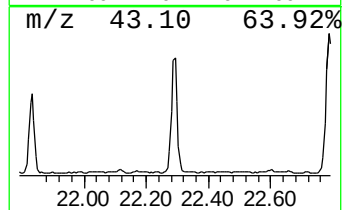
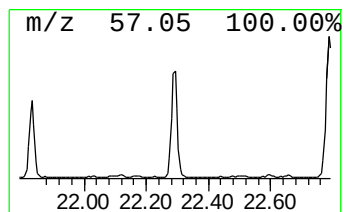
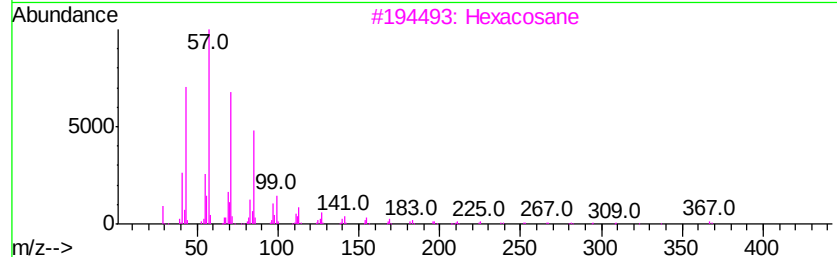
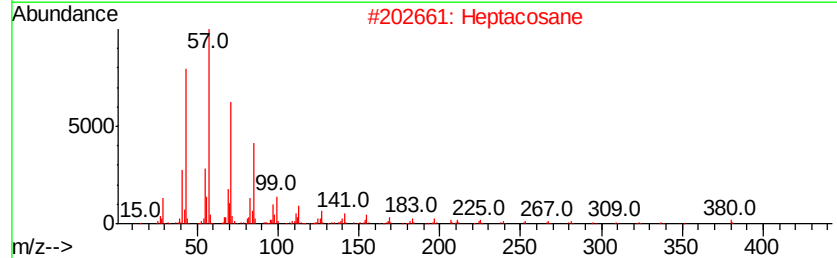
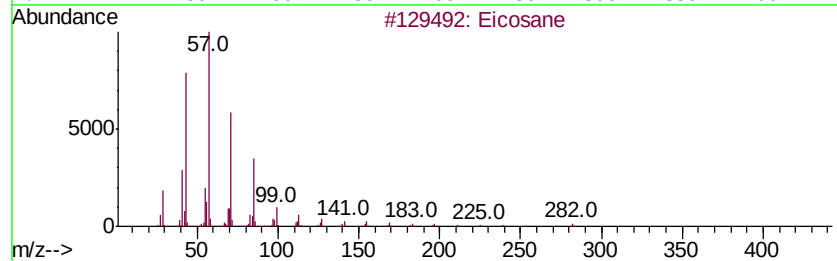
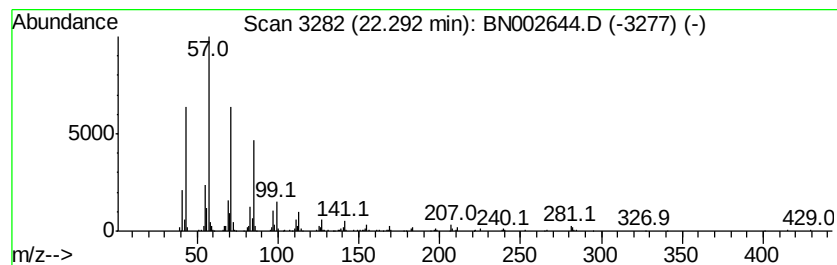
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.68 ng/ul	454021	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002644.D
Acq On : 12 Sep 2018 00:25
Operator : JU/SJ
Sample : J4837-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08T0

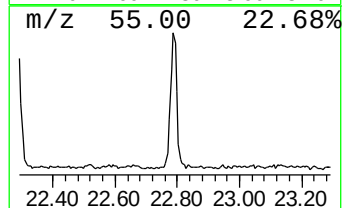
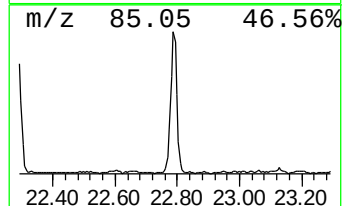
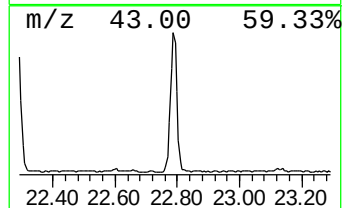
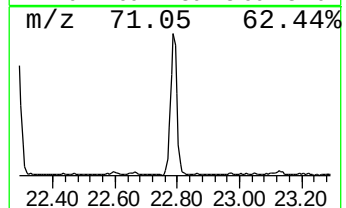
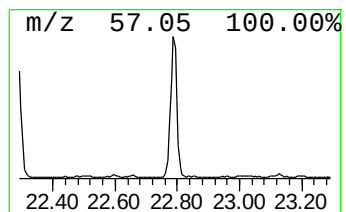
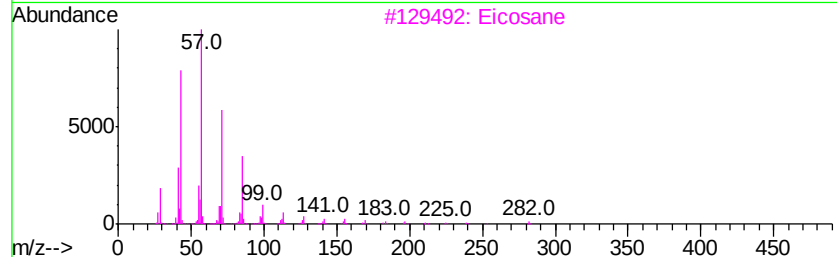
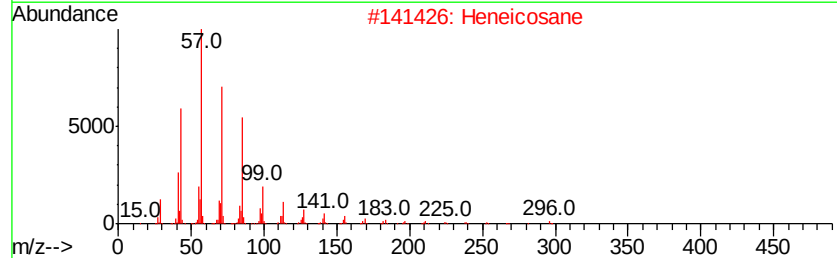
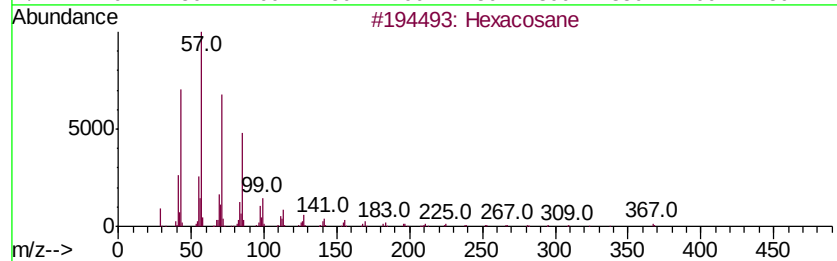
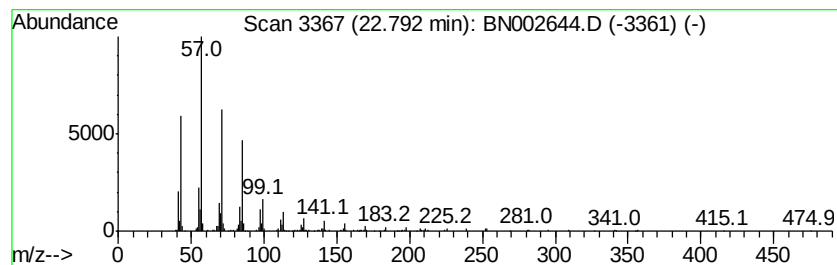
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	3.83 ng/ul	590272	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002644.D
Acq On : 12 Sep 2018 00:25
Operator : JU/SJ
Sample : J4837-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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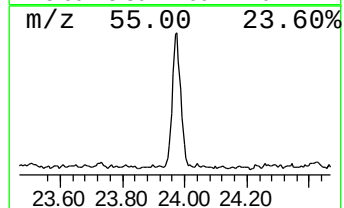
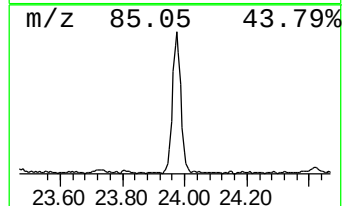
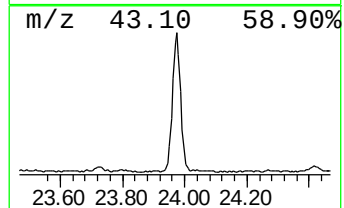
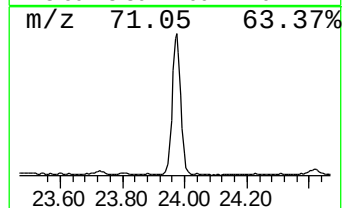
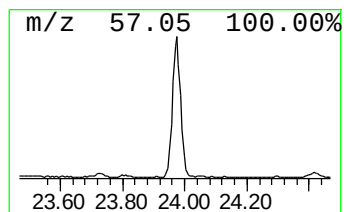
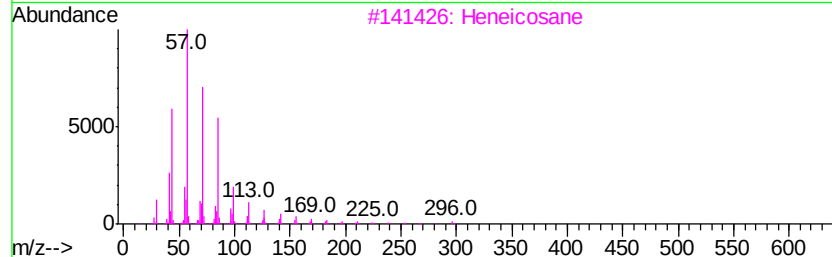
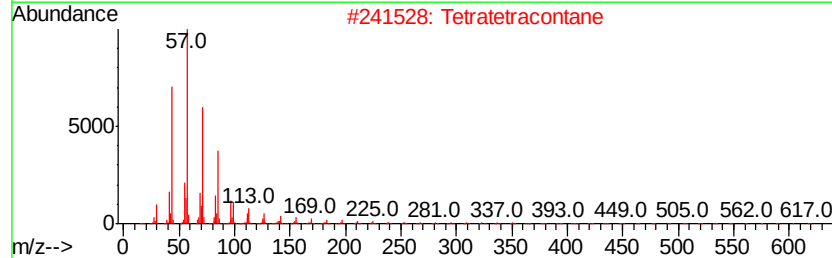
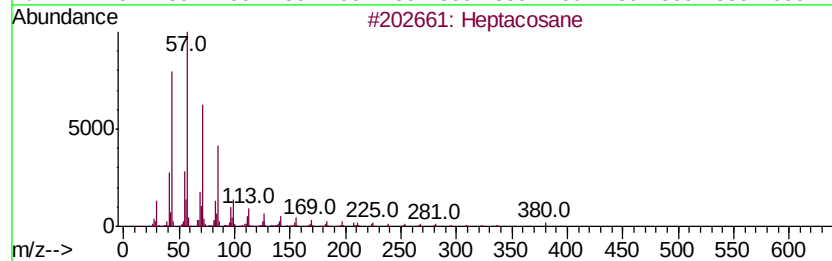
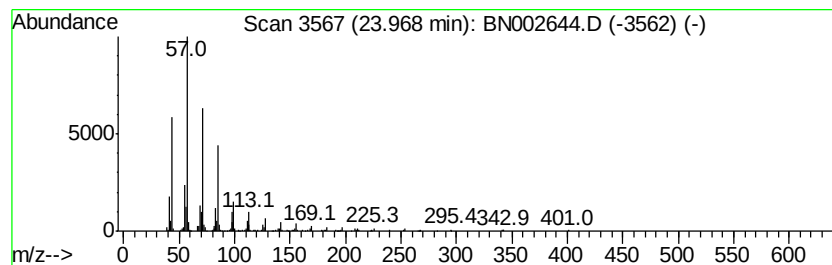
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	4.51 ng/ul	695026	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002644.D
Acq On : 12 Sep 2018 00:25
Operator : JU/SJ
Sample : J4837-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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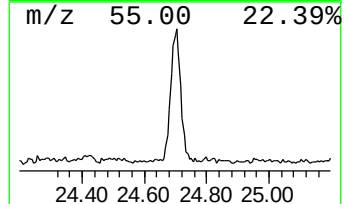
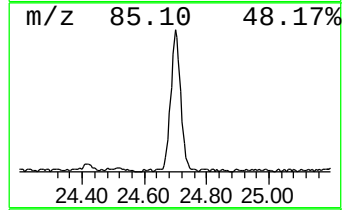
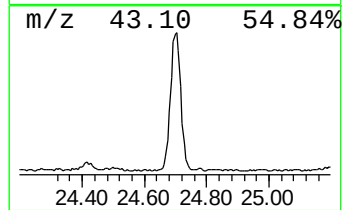
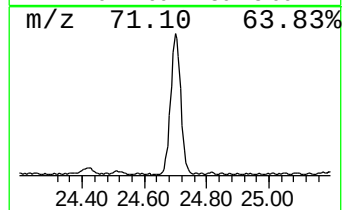
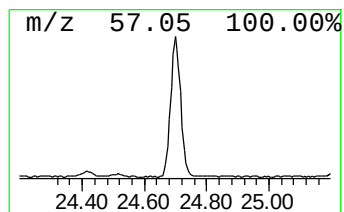
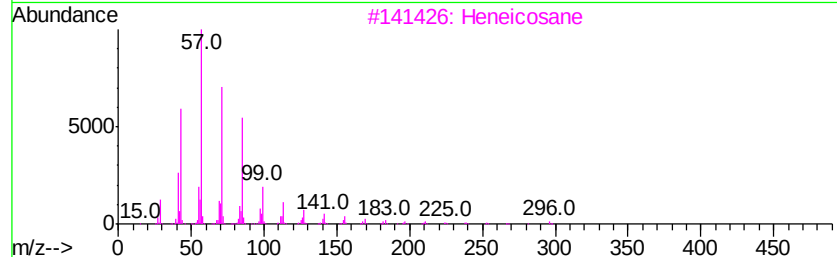
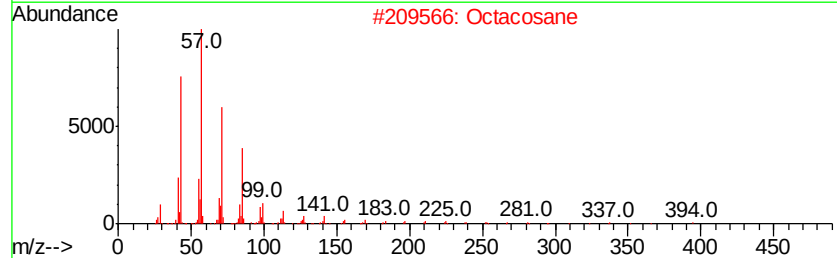
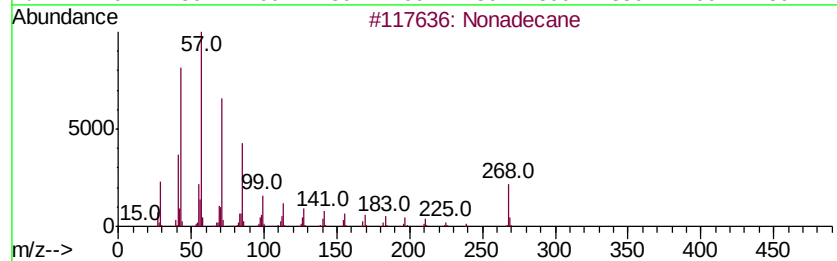
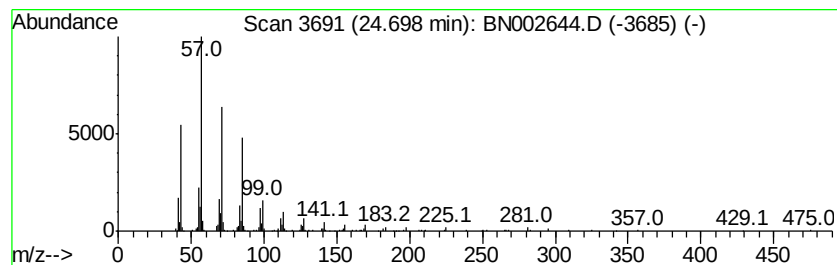
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	4.30 ng/ul	662195	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002644.D
Acq On : 12 Sep 2018 00:25
Operator : JU/SJ
Sample : J4837-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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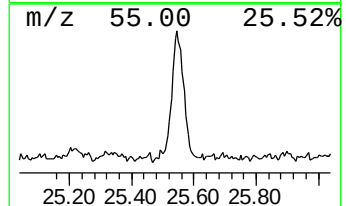
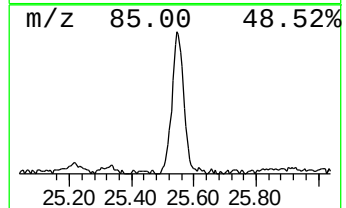
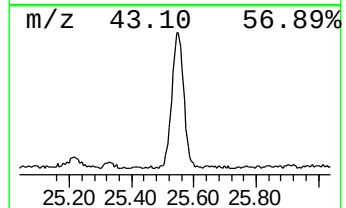
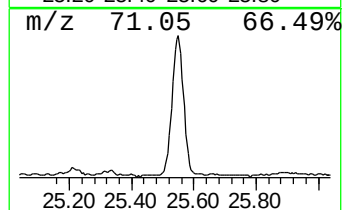
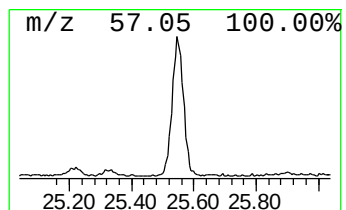
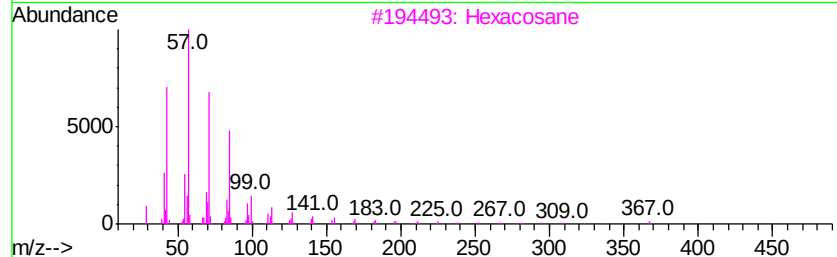
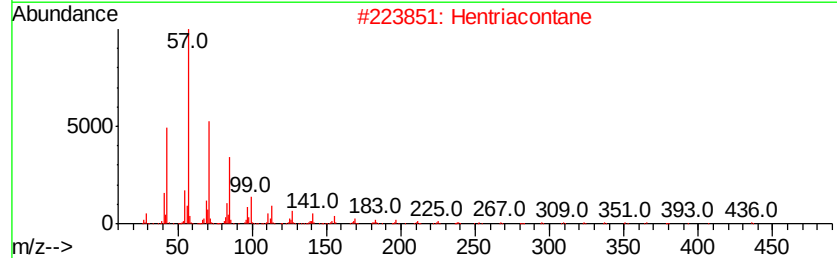
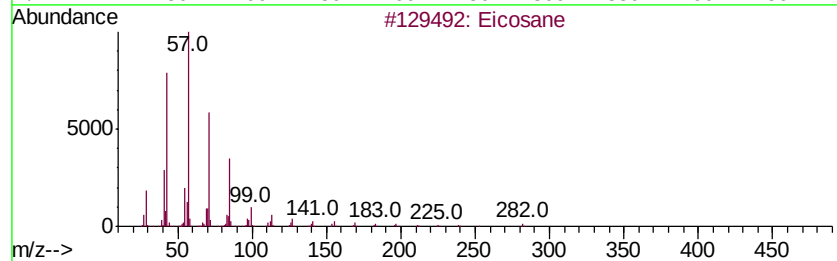
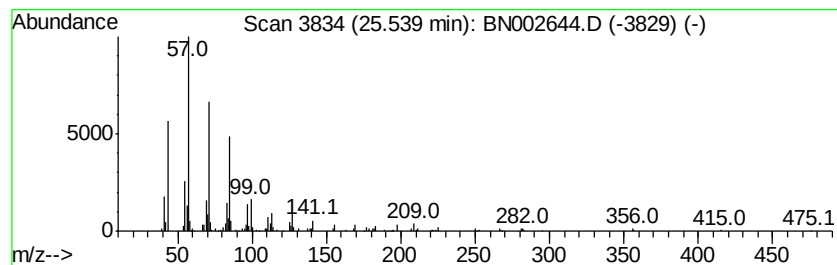
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	2.91 ng/ul	447928	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091118\
Data File : BN002644.D
Acq On : 12 Sep 2018 00:25
Operator : JU/SJ
Sample : J4837-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08T0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
Phenol, 2-methoxy-	8.75	6.3	ng/ul	312016	1	7.66	986706	20.0
1-(2-Thienyl)-1-p...	10.35	2.3	ng/ul	177475	2	10.43	1552450	20.0
Vanillin	13.22	23.6	ng/ul	2613700	3	14.29	2216140	20.0
7,9-Di-tert-butyl...	17.72	7.9	ng/ul	1076410	4	17.05	2732260	20.0
(DEL) Alkane: Str...	22.29	2.7	ng/ul	454021	5	21.25	3391210	20.0
(DEL) Alkane: Str...	22.79	3.8	ng/ul	590272	6	23.46	3082340	20.0
(DEL) Alkane: Str...	23.97	4.5	ng/ul	695026	6	23.46	3082340	20.0
(DEL) Alkane: Str...	24.70	4.3	ng/ul	662195	6	23.46	3082340	20.0
(DEL) Alkane: Str...	25.54	2.9	ng/ul	447928	6	23.46	3082340	20.0