

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002643.D
 Acq On : 11 Sep 2018 23:50
 Operator : JU/SJ
 Sample : J4837-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08S9

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	4.834	308	314	322	rBV	77482	122335	2.03%	0.211%
2	6.851	649	657	671	rVB	175463	355781	5.89%	0.613%
3	7.004	676	683	697	rBV	683328	1075379	17.81%	1.852%
4	7.198	710	716	729	rVB	722008	1175200	19.46%	2.024%
5	7.663	788	795	802	rBV	582772	951510	15.76%	1.639%
6	7.728	802	806	816	rVB	40465	74967	1.24%	0.129%
7	8.369	909	915	927	rVV	525944	910718	15.08%	1.569%
8	8.751	972	980	984	rBV	203939	339554	5.62%	0.585%
9	8.810	984	990	996	rVV	892133	1489404	24.67%	2.565%
10	8.863	996	999	1010	rVB	37722	68065	1.13%	0.117%
11	8.975	1014	1018	1028	rBV3	32389	67484	1.12%	0.116%
12	9.528	1103	1112	1122	rBV	743058	1282806	21.25%	2.210%
13	10.063	1196	1203	1218	rBV	1000825	1822762	30.19%	3.140%
14	10.345	1245	1251	1258	rBV2	108524	193943	3.21%	0.334%
15	10.428	1258	1265	1272	rVB	875329	1499631	24.84%	2.583%
16	11.245	1398	1404	1415	rBV2	35254	69198	1.15%	0.119%
17	13.216	1732	1739	1759	rBV	1758117	2750193	45.55%	4.737%
18	13.710	1817	1823	1828	rBV	2248148	3066604	50.79%	5.282%
19	13.986	1860	1870	1877	rBV	2479241	3725520	61.70%	6.417%
20	14.169	1896	1901	1911	rVB	57017	90812	1.50%	0.156%
21	14.292	1913	1922	1930	rBV2	1397492	2135241	35.36%	3.678%
22	14.533	1958	1963	1977	rBV2	97318	259106	4.29%	0.446%
23	14.980	2033	2039	2047	rBV2	62542	111400	1.85%	0.192%
24	15.292	2085	2092	2106	rBV	3306320	4665728	77.28%	8.036%
25	15.427	2109	2115	2128	rVV	1127588	1628112	26.97%	2.804%
26	15.533	2128	2133	2138	rVB	40177	61333	1.02%	0.106%
27	17.045	2379	2390	2400	rVB	1792181	2630350	43.56%	4.531%
28	17.145	2400	2407	2416	rBV	3612349	5225871	86.55%	9.001%
29	17.715	2499	2504	2510	rVB	832683	1002443	16.60%	1.727%
30	19.080	2731	2736	2745	rVB	42438	61248	1.01%	0.105%
31	19.445	2791	2798	2805	rBV	4457327	6037767	100.00%	10.399%
32	21.027	3063	3067	3073	rVV	107047	139736	2.31%	0.241%
33	21.245	3098	3104	3113	rBV	2448193	3153763	52.23%	5.432%
34	22.286	3277	3281	3289	rVB2	157967	223410	3.70%	0.385%

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35	22.786	3362	3366	3376	rVB	135855	199064	3.30%	0.343%
36	23.321	3450	3457	3468	rVB	3048938	5865724	97.15%	10.103%
37	23.462	3474	3481	3490	rVB	1454015	2782579	46.09%	4.793%
38	23.974	3563	3568	3576	rVB	156755	298255	4.94%	0.514%
39	24.697	3686	3691	3700	rVB	129072	279542	4.63%	0.481%
40	25.544	3832	3835	3845	rVB2	79087	165974	2.75%	0.286%

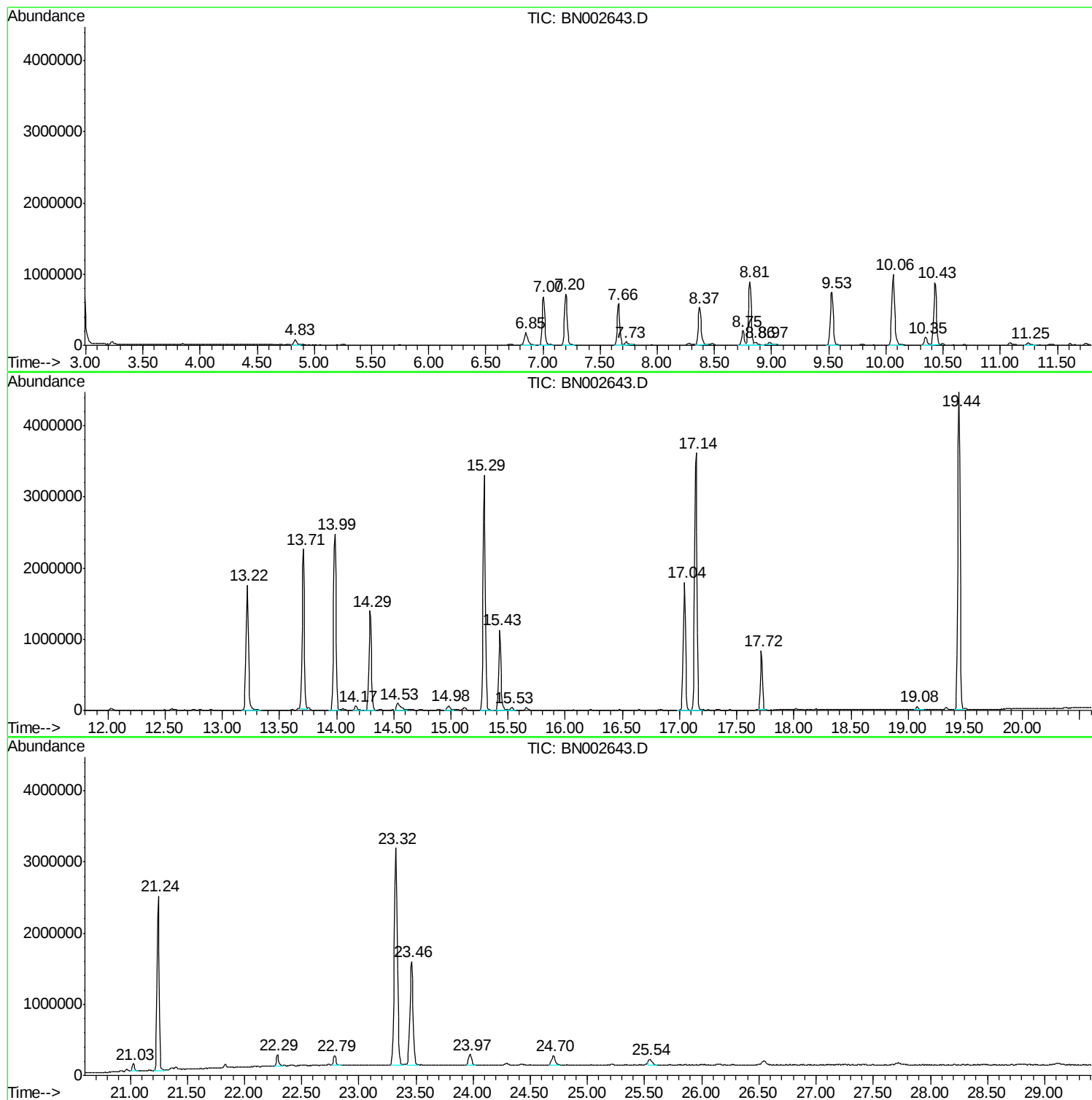
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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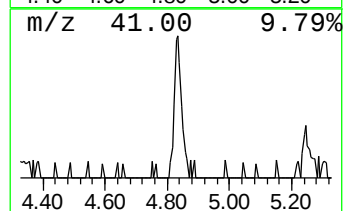
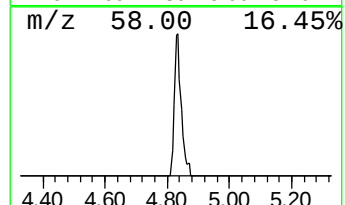
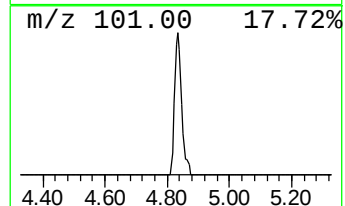
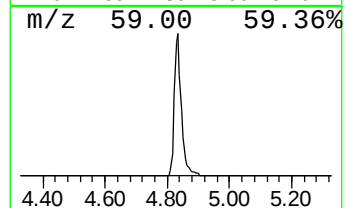
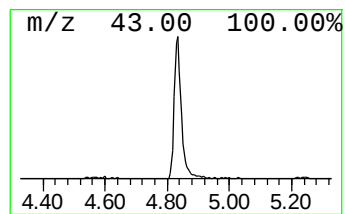
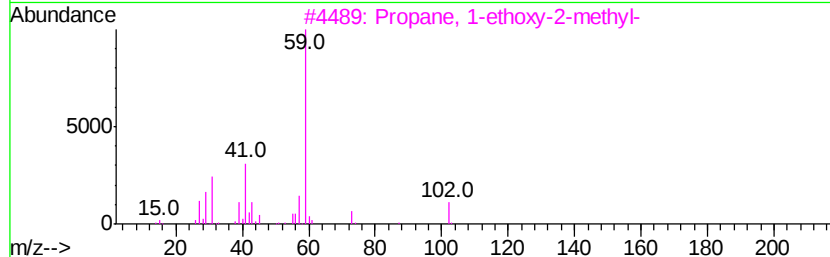
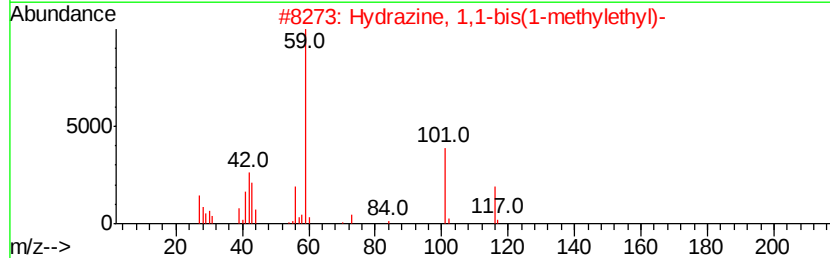
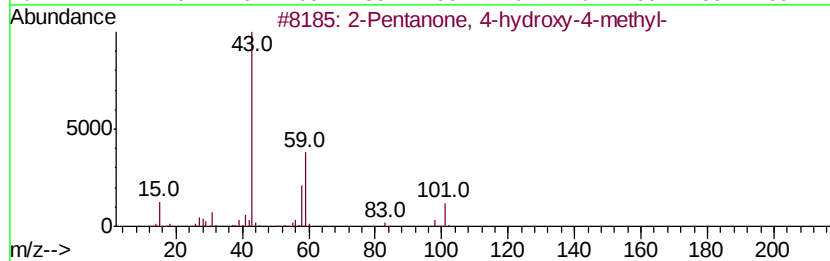
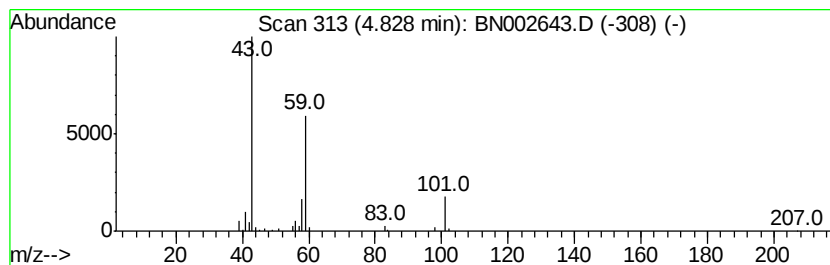
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.57 ng/ul	122335	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
4		3-Octanol	130	C8H18O	000589-98-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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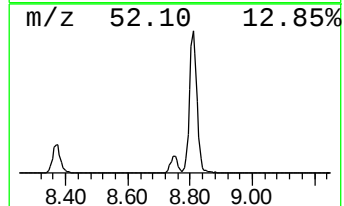
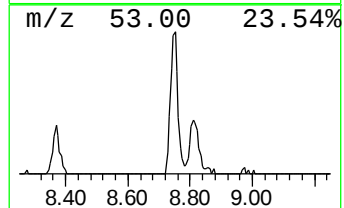
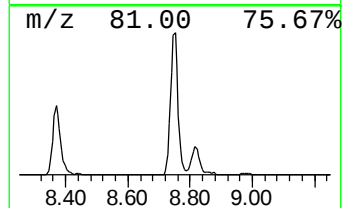
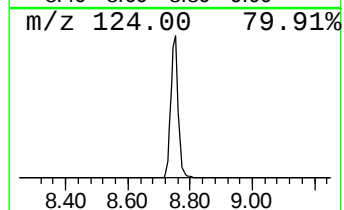
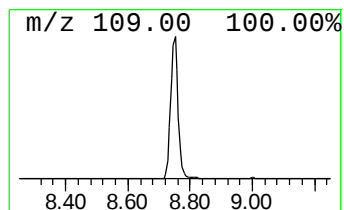
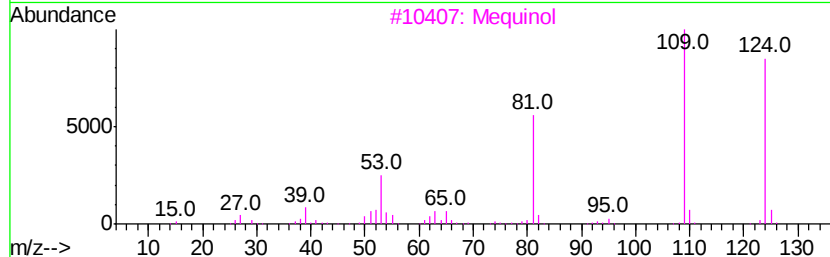
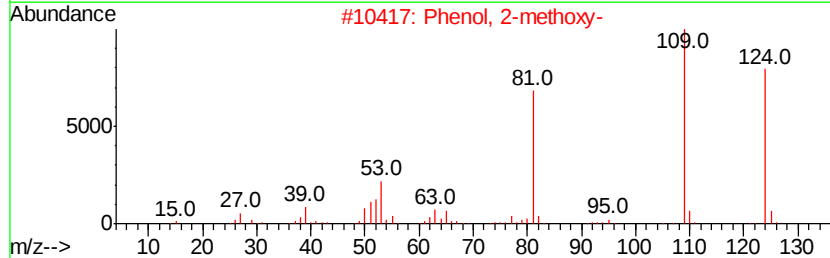
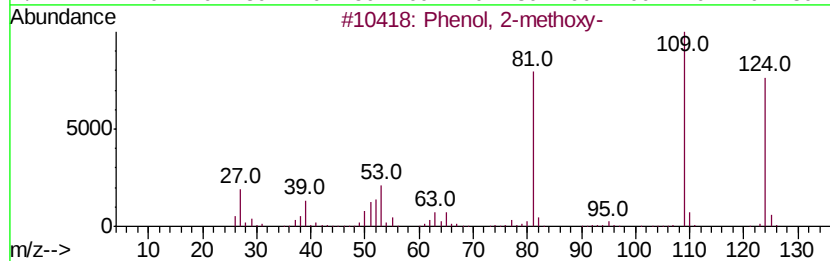
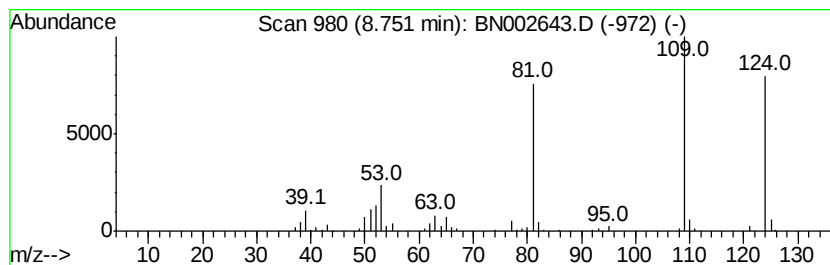
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	7.14 ng/ul	339554	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3		Mequinol	124	C7H8O2	000150-76-5	91
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5		Mequinol	124	C7H8O2	000150-76-5	90



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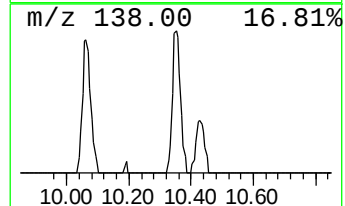
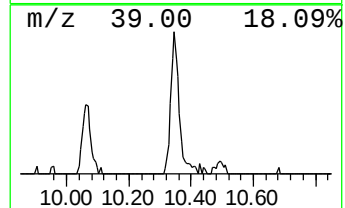
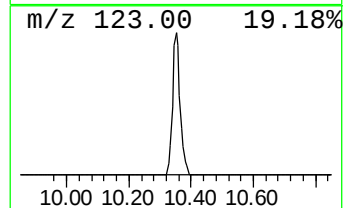
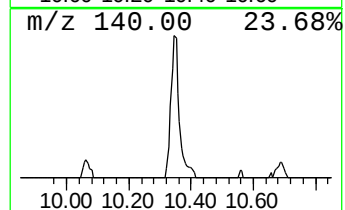
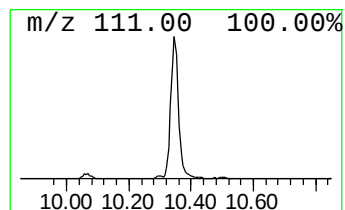
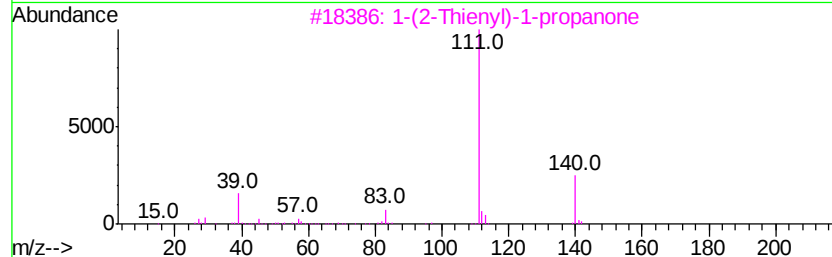
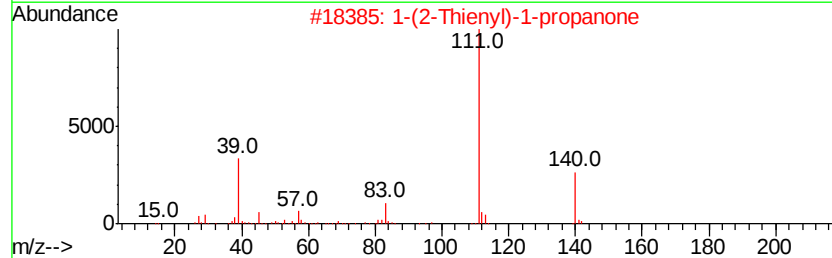
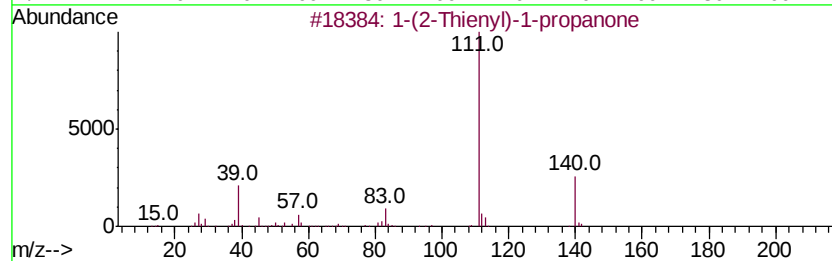
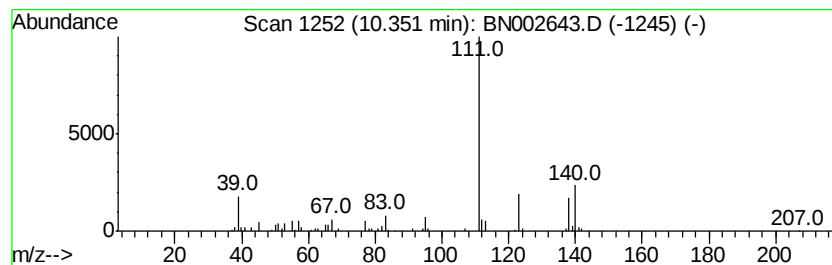
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-(2-Thienyl)-1-propanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.59 ng/ul	193943	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	93
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		Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	64
5		2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	59



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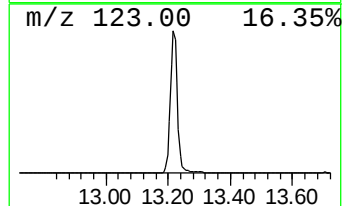
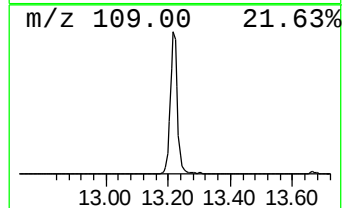
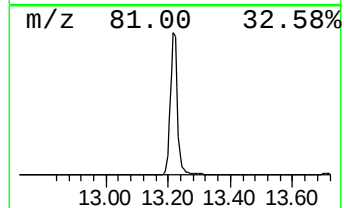
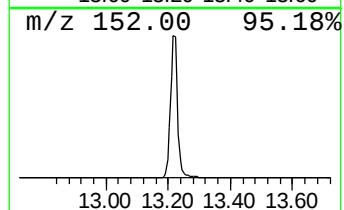
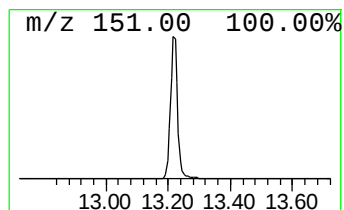
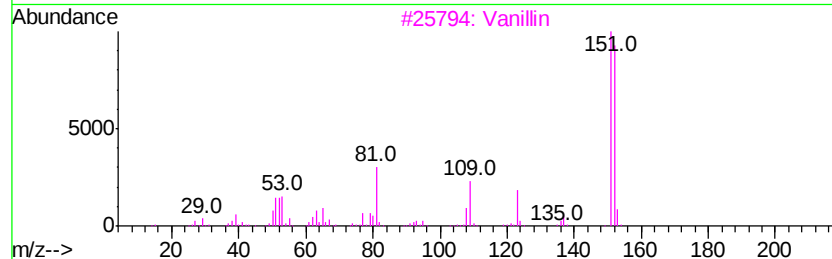
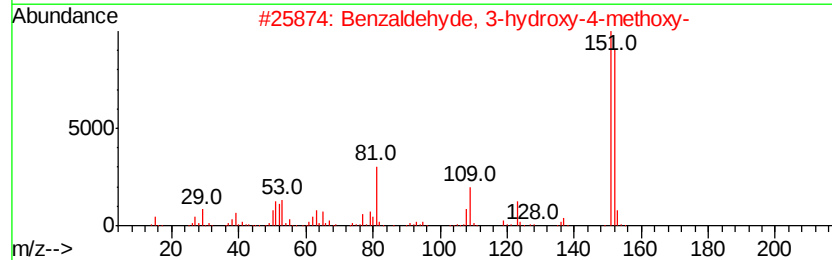
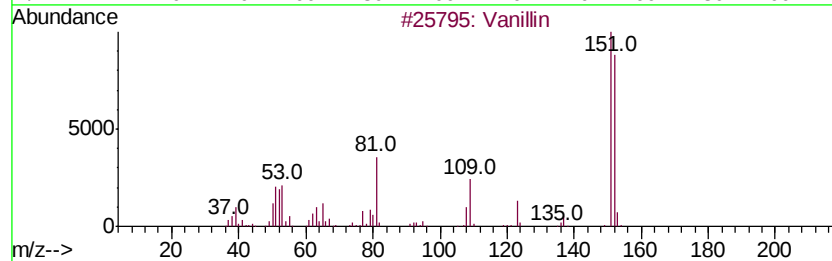
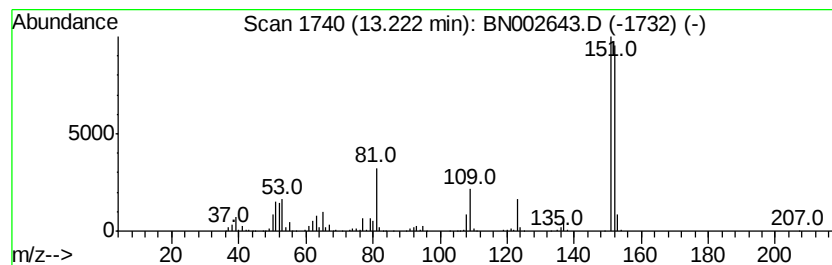
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Peak Number 4 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	25.76 ng/ul	2750190	Acenaphthene-d10	14.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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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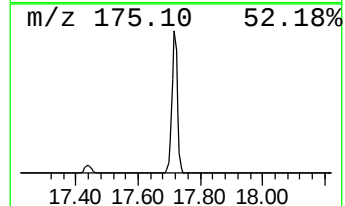
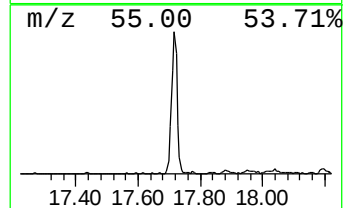
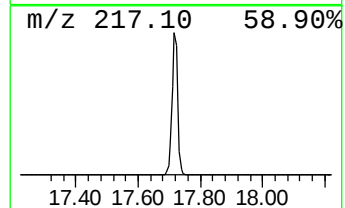
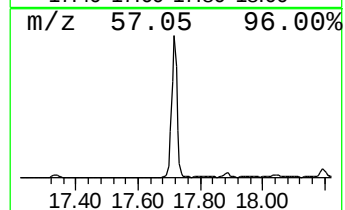
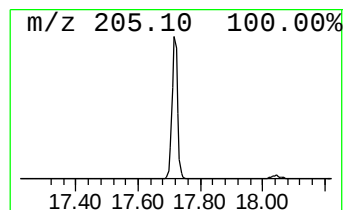
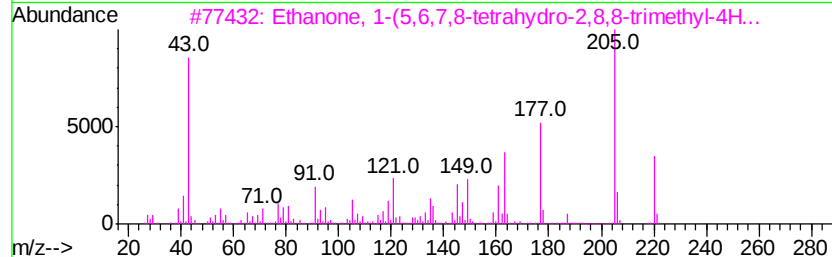
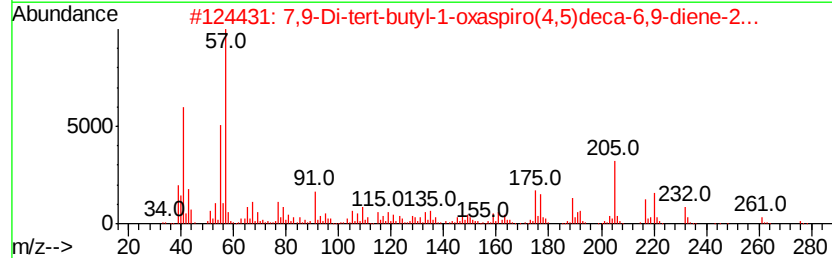
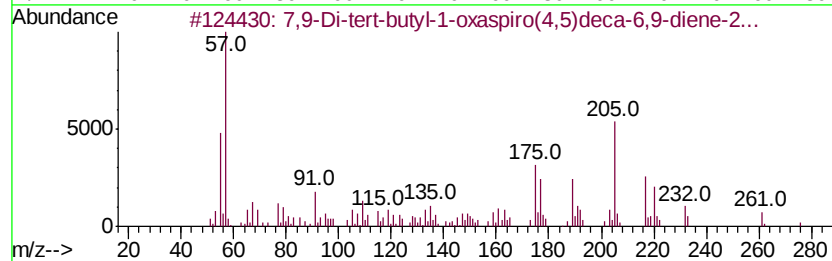
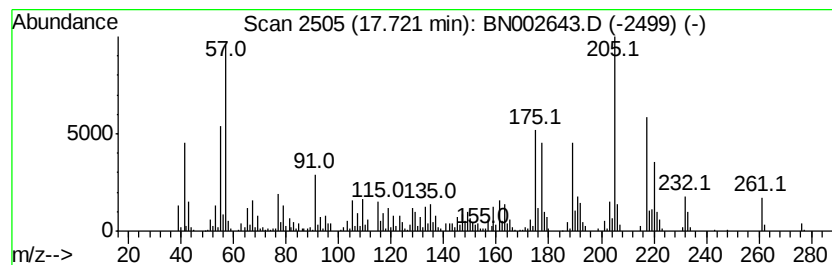
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TIC Integration Parameters: LSCINT.P

Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	7.62 ng/ul	1002440	Phenanthrene-d10	17.04	
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	98
3	Ethanone, 1-(5,6,7,8-tetrahydro-2-naphthyl)-	220	C14H20O2	071596-88-8	50
4	2,5-Cyclohexadien-1-one, 2,6-bis(4-ethylphenyl)-	232	C16H24O	006738-27-8	42
5	Benzenamine, N,N-diethyl-4-(2-nitrophenyl)-	220	C12H16N2O2	064462-51-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
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Acq On : 11 Sep 2018 23:50
Operator : JU/SJ
Sample : J4837-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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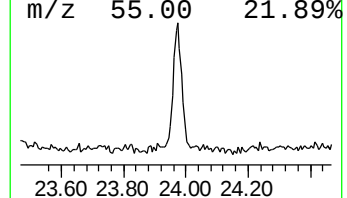
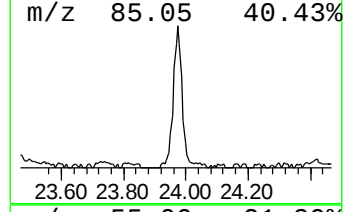
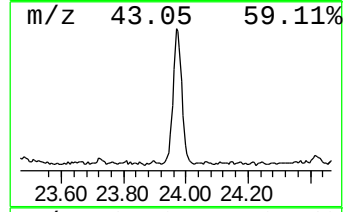
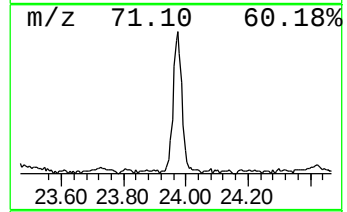
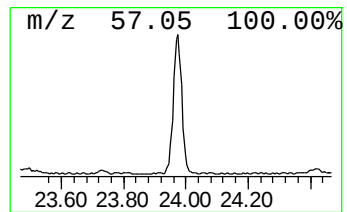
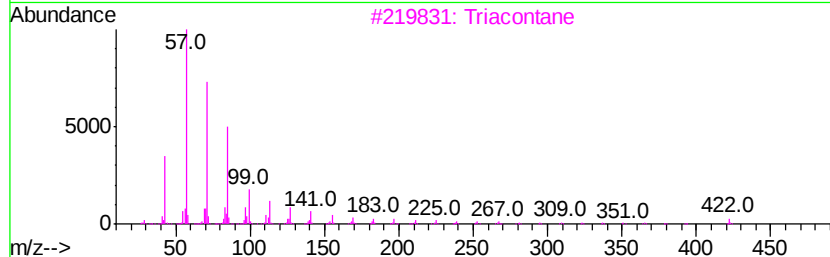
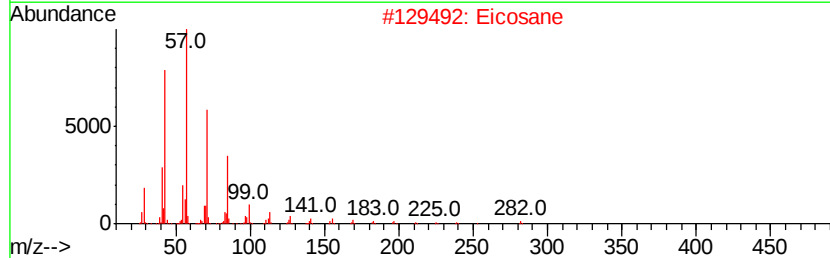
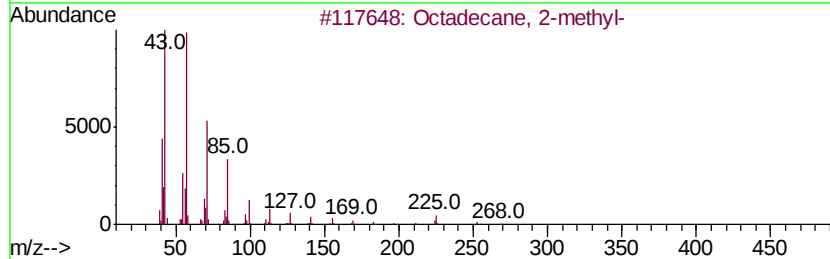
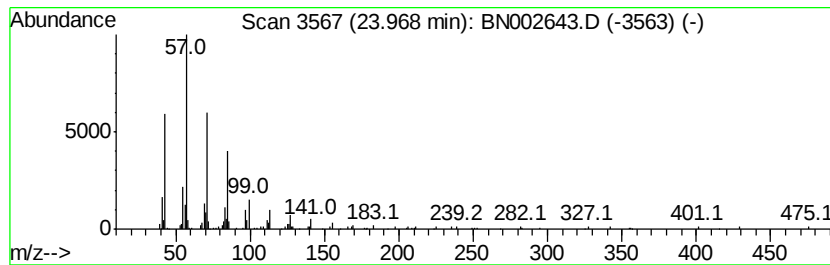
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.14 ng/ul	298255	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Triacontane	422	C30H62	000638-68-6	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091118\
 Data File : BN002643.D
 Acq On : 11 Sep 2018 23:50
 Operator : JU/SJ
 Sample : J4837-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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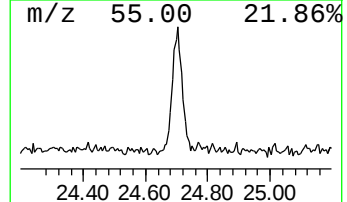
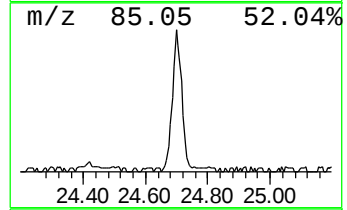
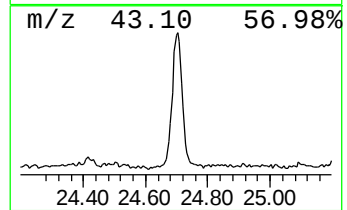
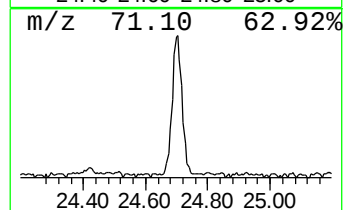
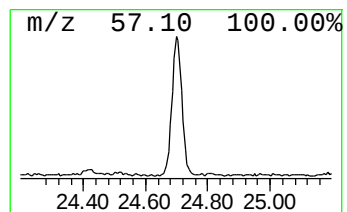
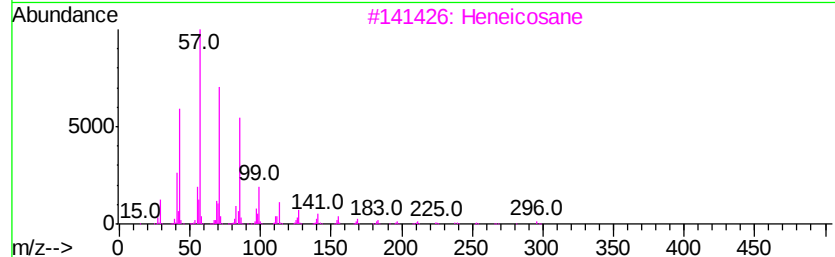
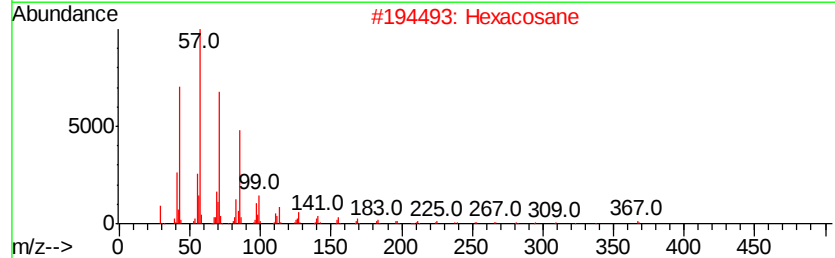
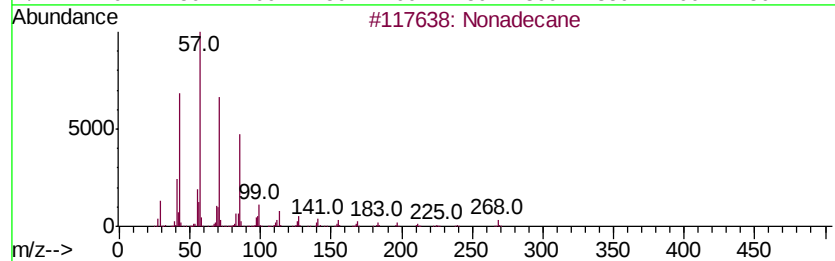
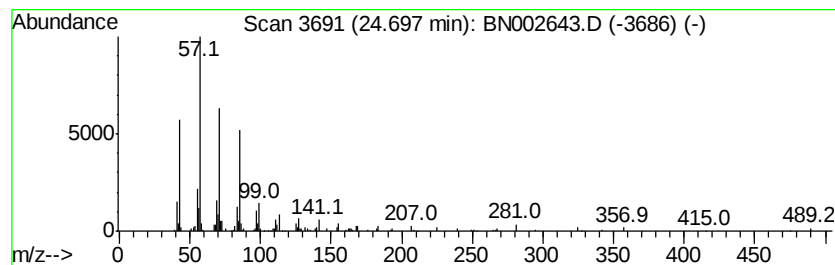
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.01 ng/ul	279542	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091118\
Data File : BN002643.D
Acq On : 11 Sep 2018 23:50
Operator : JU/SJ
Sample : J4837-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08S9

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
2-Pentanone, 4-hy...	4.83	2.6	ng/ul	122335	1	7.66	951510	20.0
Phenol, 2-methoxy-	8.75	7.1	ng/ul	339554	1	7.66	951510	20.0
1-(2-Thienyl)-1-p...	10.35	2.6	ng/ul	193943	2	10.43	1499630	20.0
Vanillin	13.22	25.8	ng/ul	2750190	3	14.29	2135240	20.0
7,9-Di-tert-butyl...	17.72	7.6	ng/ul	1002440	4	17.04	2630350	20.0
(DEL) Alkane: Str...	23.97	2.1	ng/ul	298255	6	23.46	2782580	20.0
(DEL) Alkane: Str...	24.70	2.0	ng/ul	279542	6	23.46	2782580	20.0