

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002642.D
 Acq On : 11 Sep 2018 23:15
 Operator : JU/SJ
 Sample : J4837-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08S6

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	309	314	323	rVB	38501	60972	1.05%	0.104%
2	6.852	647	657	672	rVB	185237	373819	6.41%	0.639%
3	7.005	677	683	697	rBV	682225	1071197	18.38%	1.830%
4	7.199	709	716	730	rBV	707524	1171738	20.10%	2.002%
5	7.663	788	795	801	rBV	607756	1012875	17.38%	1.731%
6	7.728	801	806	816	rVB	43449	82827	1.42%	0.142%
7	8.369	909	915	929	rVV	537451	924597	15.86%	1.580%
8	8.752	973	980	984	rBV	208652	342203	5.87%	0.585%
9	8.810	984	990	996	rVV	887231	1477271	25.35%	2.524%
10	8.863	996	999	1009	rVB	40689	72633	1.25%	0.124%
11	8.981	1013	1019	1030	rVV4	28593	64707	1.11%	0.111%
12	9.528	1105	1112	1122	rBV	738011	1264513	21.69%	2.161%
13	10.063	1196	1203	1218	rBV	988774	1793265	30.77%	3.064%
14	10.346	1245	1251	1258	rBV2	103510	193370	3.32%	0.330%
15	10.428	1258	1265	1272	rVB	937398	1584194	27.18%	2.707%
16	11.246	1397	1404	1417	rBV2	35843	72237	1.24%	0.123%
17	11.746	1479	1489	1503	rBV3	27798	63948	1.10%	0.109%
18	13.216	1731	1739	1754	rBV	1788002	2826952	48.50%	4.830%
19	13.710	1817	1823	1828	rBV	2176227	3002723	51.52%	5.131%
20	13.987	1862	1870	1878	rBV	2439117	3628935	62.26%	6.201%
21	14.169	1895	1901	1911	rVB	59410	95038	1.63%	0.162%
22	14.293	1913	1922	1931	rBV2	1437582	2233516	38.32%	3.816%
23	14.534	1958	1963	1981	rBV	97792	263050	4.51%	0.449%
24	14.981	2032	2039	2045	rBV	66414	114123	1.96%	0.195%
25	15.122	2056	2063	2068	rBV4	33368	60355	1.04%	0.103%
26	15.292	2085	2092	2103	rBV	3190495	4557504	78.19%	7.787%
27	15.428	2109	2115	2128	rBV	1090385	1583470	27.17%	2.706%
28	15.534	2128	2133	2140	rVB2	40257	59060	1.01%	0.101%
29	17.045	2383	2390	2399	rVB	1942927	2740854	47.02%	4.683%
30	17.145	2400	2407	2420	rVB	3479226	5073155	87.04%	8.668%
31	17.716	2499	2504	2510	rBV	831854	1059806	18.18%	1.811%
32	19.080	2730	2736	2744	rBV	41898	59054	1.01%	0.101%
33	19.445	2791	2798	2806	rBV	4407768	5828617	100.00%	9.959%
34	21.027	3063	3067	3073	rBV	117342	156942	2.69%	0.268%

LSC Area Percent Report

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35	21.245	3098	3104	3113	rBV	2542160	3234272	55.49%	5.526%
36	21.398	3128	3130	3137	rVB	48467	61576	1.06%	0.105%
37	21.833	3200	3204	3208	rBV	77694	86714	1.49%	0.148%
38	22.286	3277	3281	3289	rBV	176981	249885	4.29%	0.427%
39	22.786	3362	3366	3372	rVB	195204	290176	4.98%	0.496%
40	23.327	3449	3458	3468	rBV	2916765	5684340	97.52%	9.712%
41	23.463	3474	3481	3490	rVB	1519515	2814544	48.29%	4.809%
42	23.974	3563	3568	3575	rVB	224142	414282	7.11%	0.708%
43	24.704	3685	3692	3701	rVB	197370	433241	7.43%	0.740%
44	25.545	3830	3835	3844	rVB2	118889	287517	4.93%	0.491%

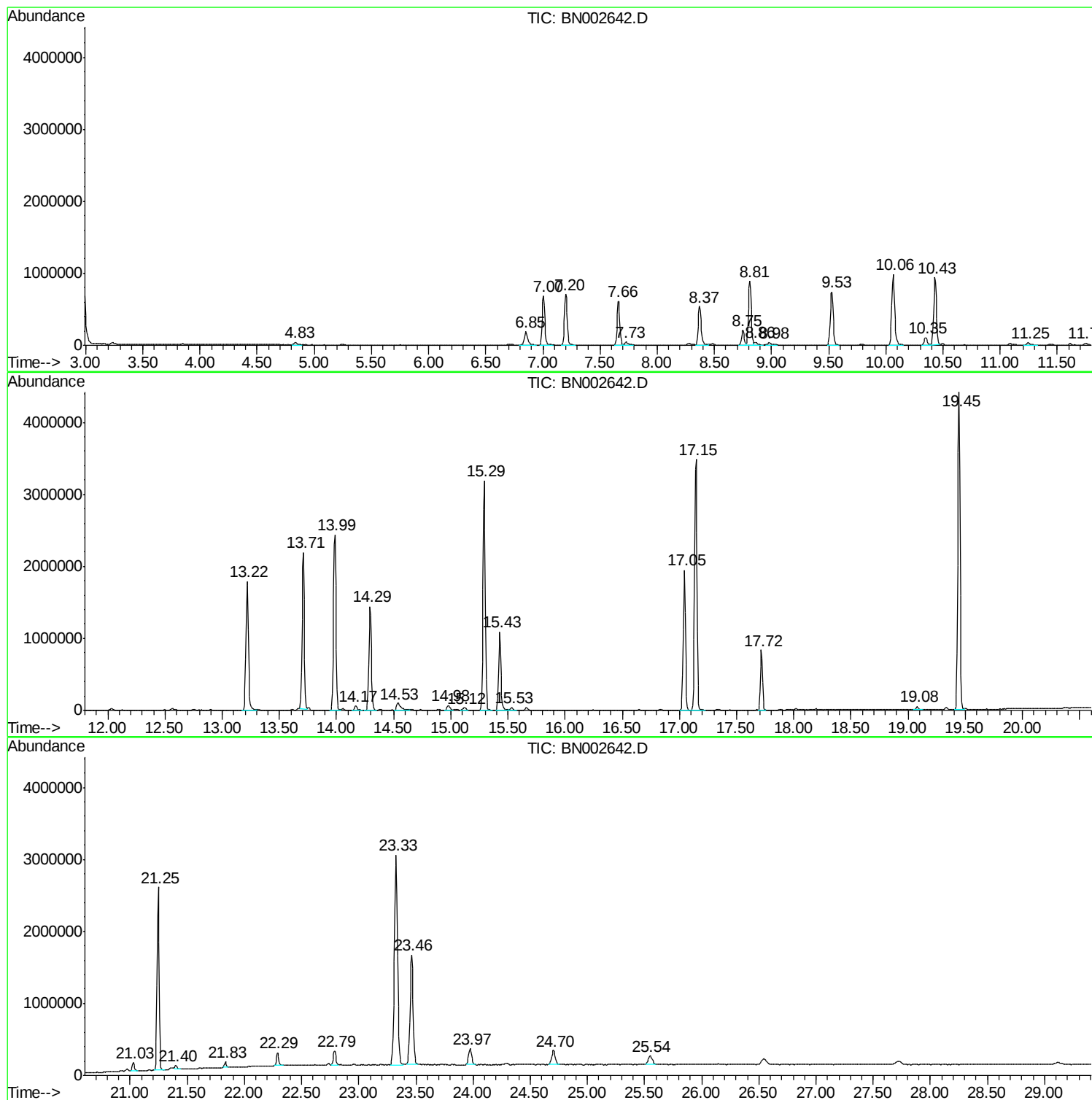
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Quant Title : SVOA CALIBRATION

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



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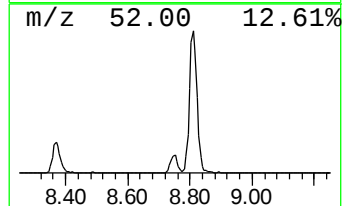
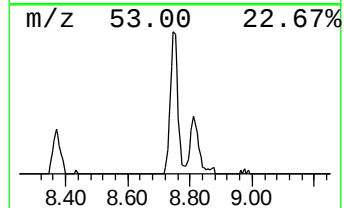
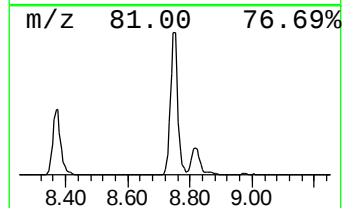
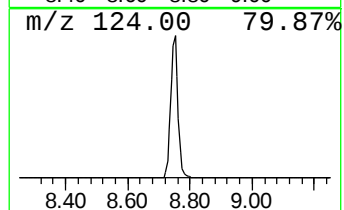
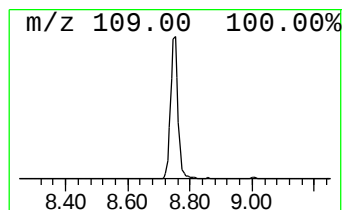
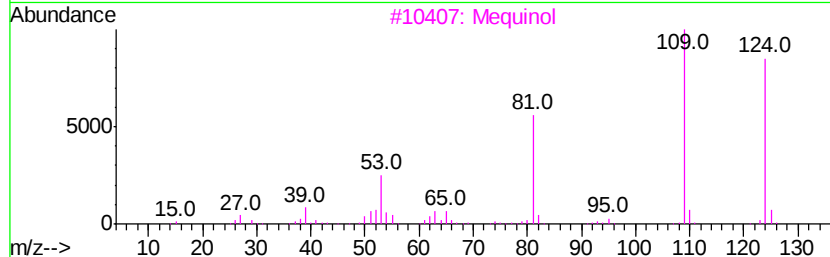
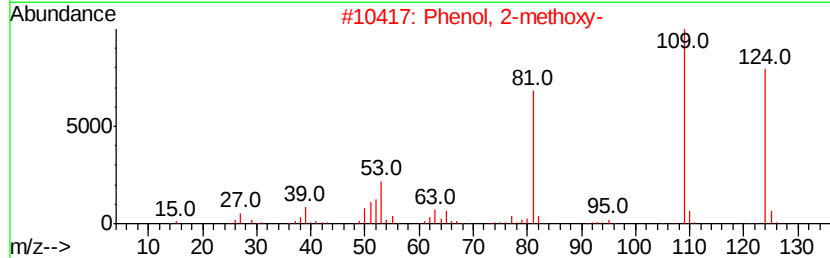
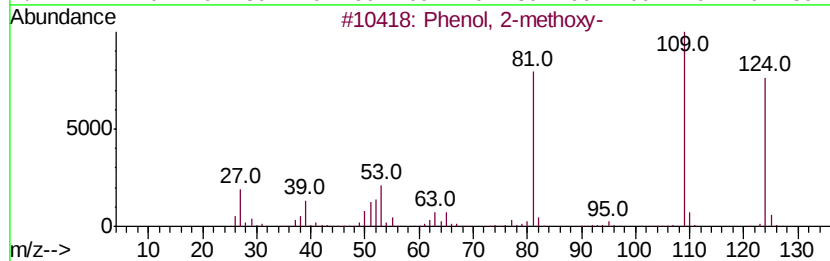
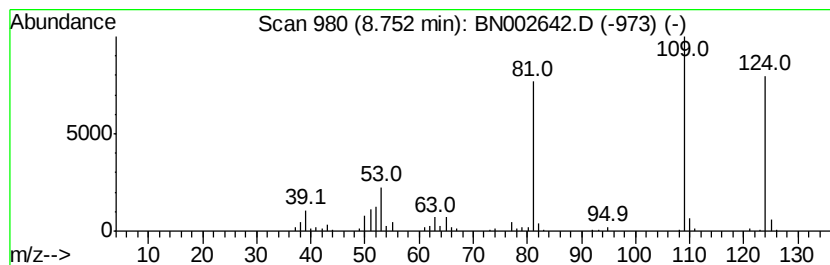
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Quant Title : SVOA CALIBRATION

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	6.76 ng/ul	342203	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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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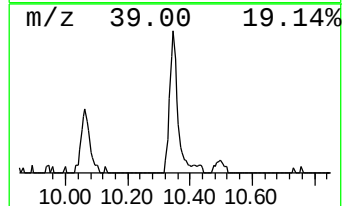
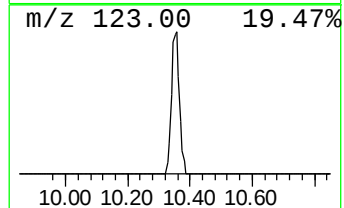
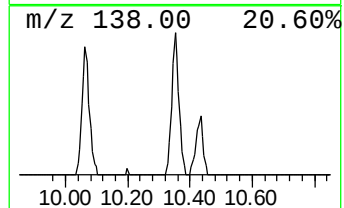
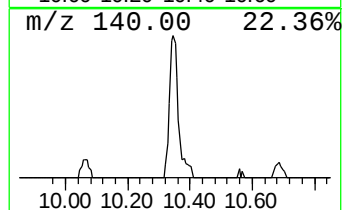
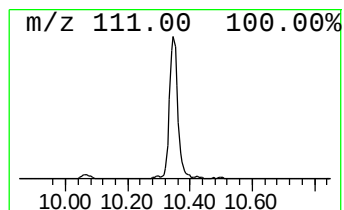
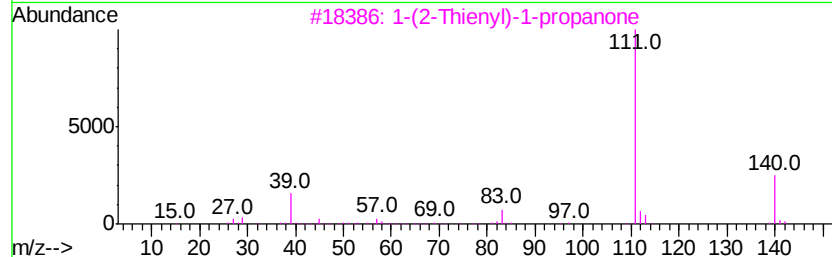
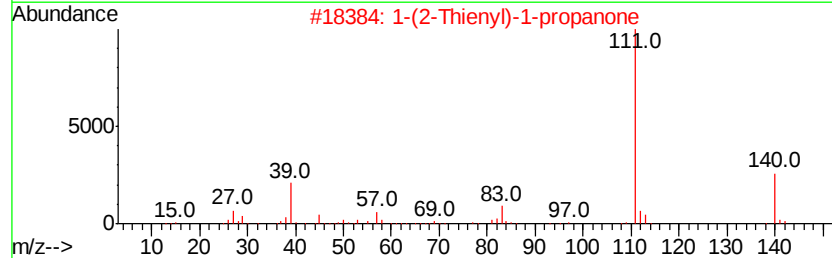
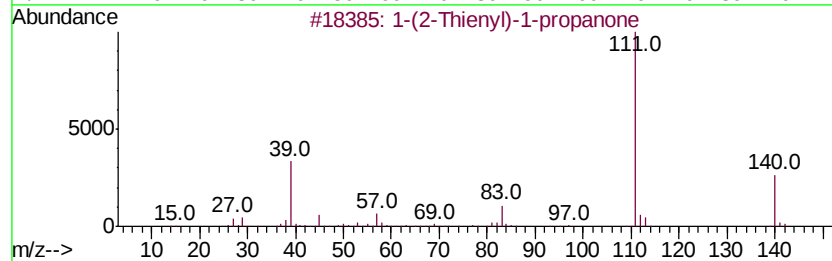
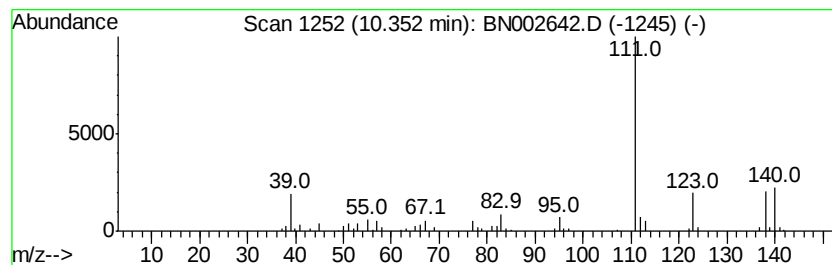
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 1-(2-Thienyl)-1-propanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.44 ng/ul	193370	Napthalene-d8	10.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-(2-Thienyl)-1-propanone	140 C7H8OS	013679-75-9	93
2	1-(2-Thienyl)-1-propanone	140 C7H8OS	013679-75-9	93
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	53
5	2-Thiophenecarboxylic acid hydra...	142 C5H6N2OS	002361-27-5	50



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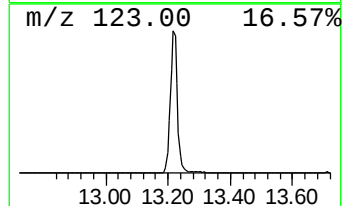
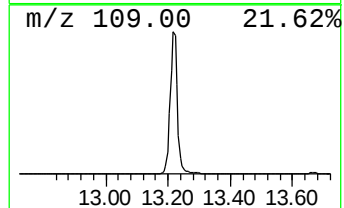
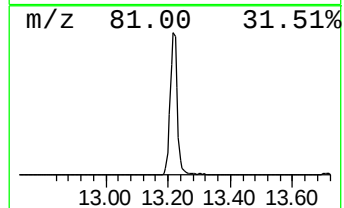
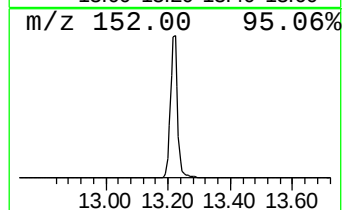
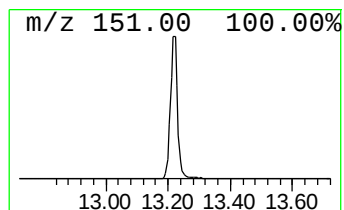
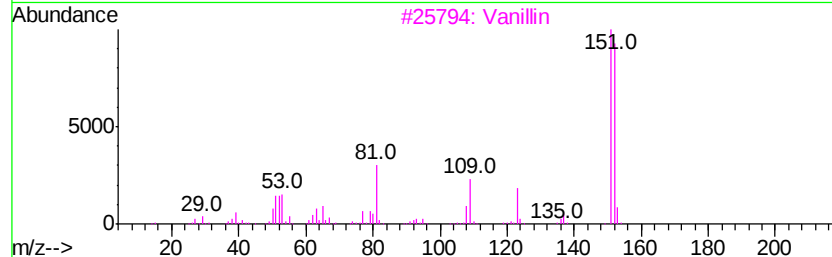
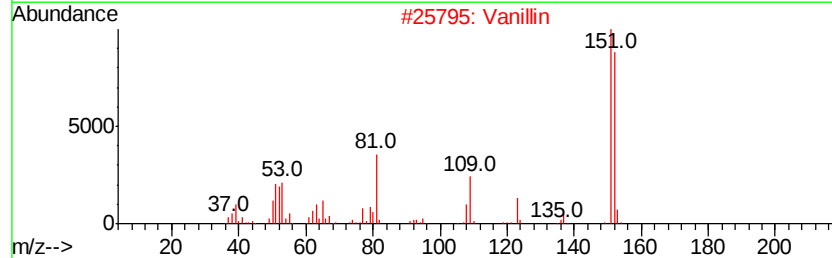
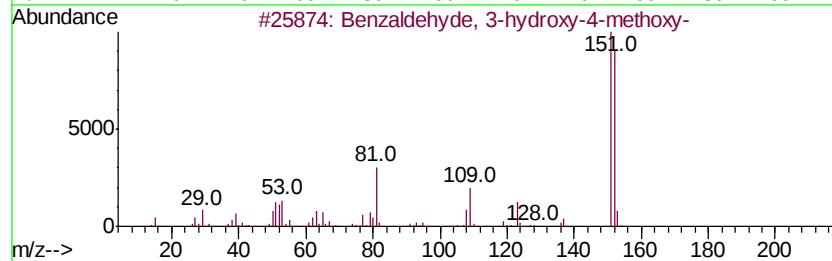
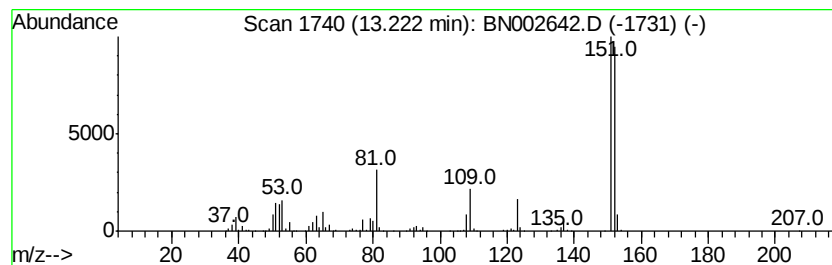
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Peak Number 3 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	25.31 ng/ul	2826950	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydv, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2		Vanillin	152	C8H8O3	000121-33-5	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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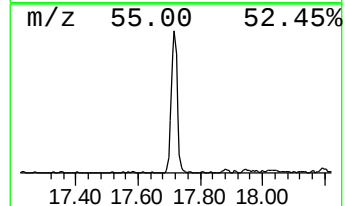
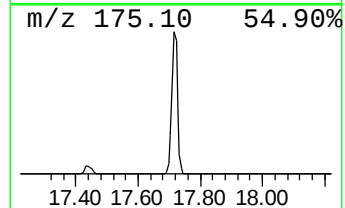
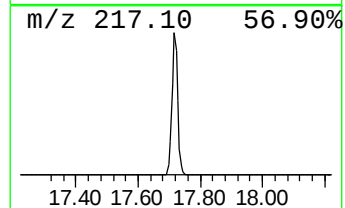
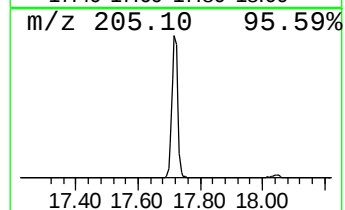
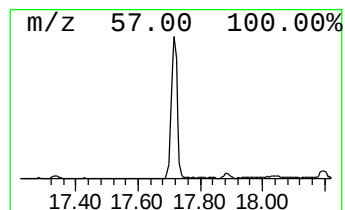
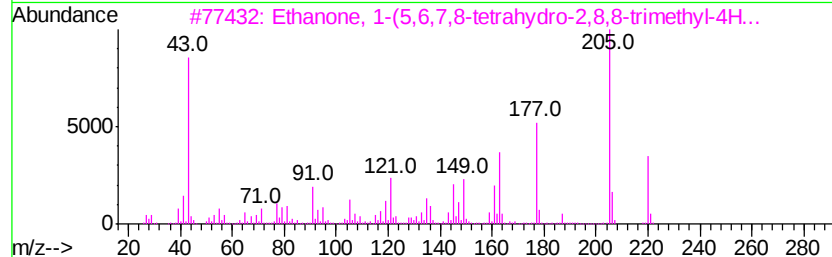
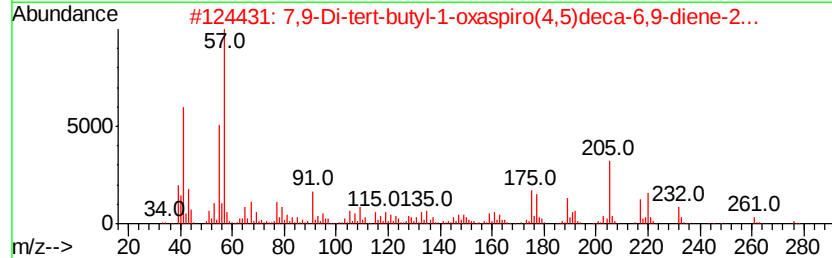
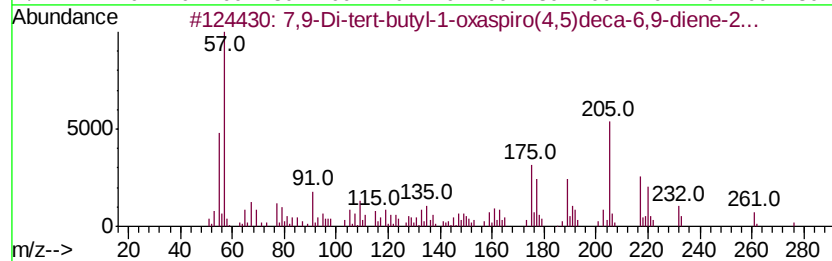
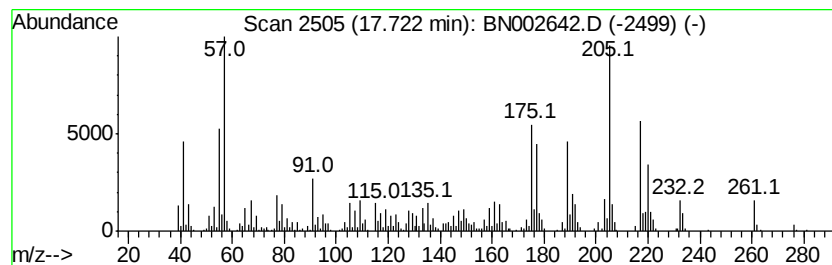
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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.72	7.73 ng/ul	1059810	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	98	
3	Ethanone, 1-(5,6,7,8-tetrahydro-2,8,8-trimethyl-4H-cyclopenta[1,3]cyclopropa[1,2-b]pyridine-5-yl)-	220	C14H20O2	071596-88-8	45	
4	3H-Cyclopenta[1,3]cyclopropa[1,2-b]pyridine	220	C14H20O2	066708-18-7	42	
5	2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	42	



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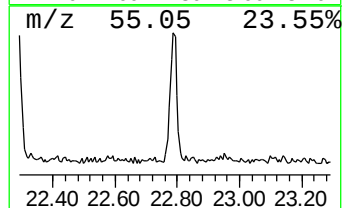
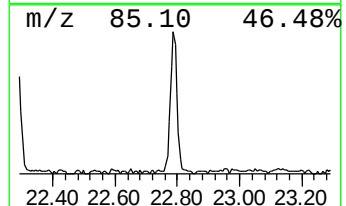
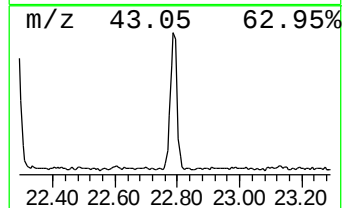
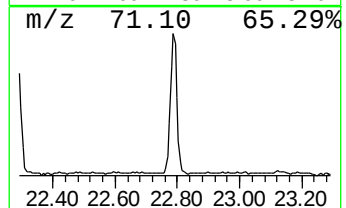
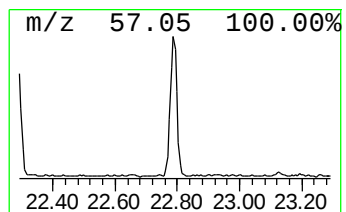
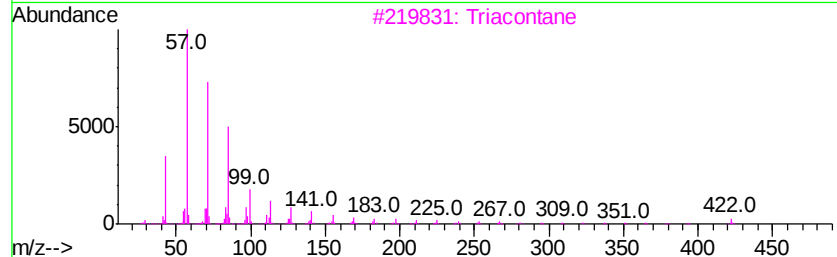
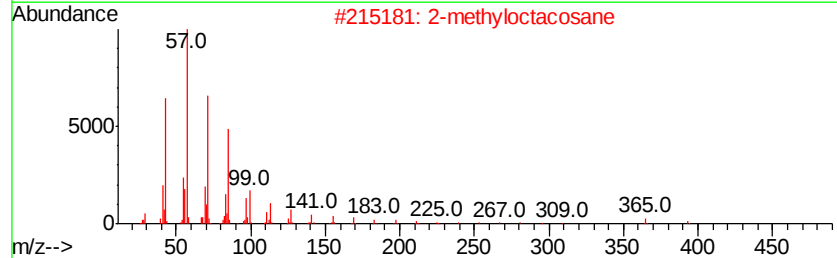
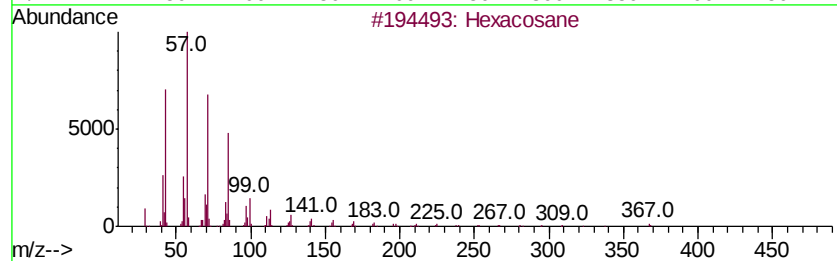
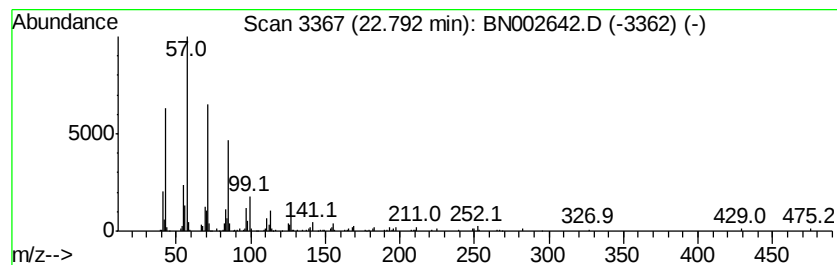
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.06 ng/ul	290176	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002642.D
Acq On : 11 Sep 2018 23:15
Operator : JU/SJ
Sample : J4837-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08S6

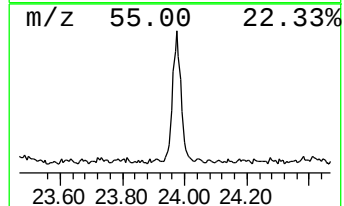
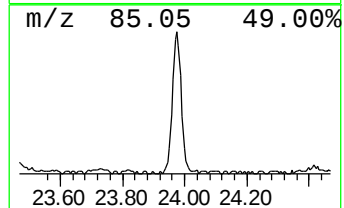
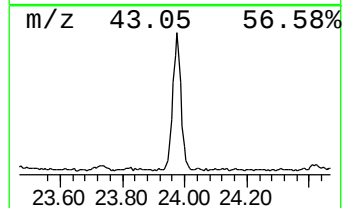
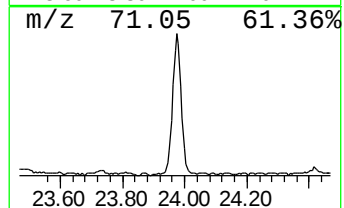
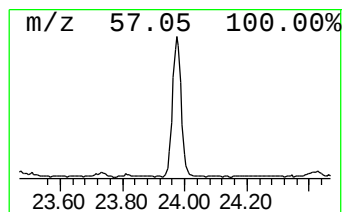
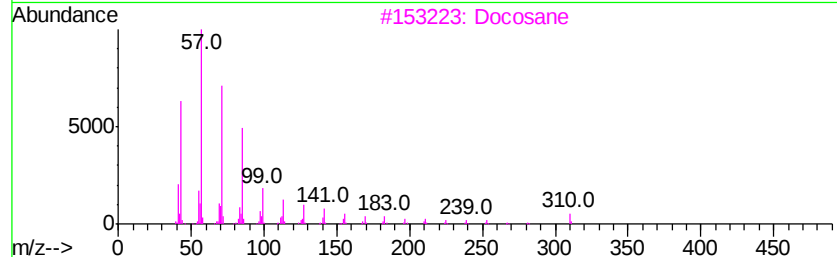
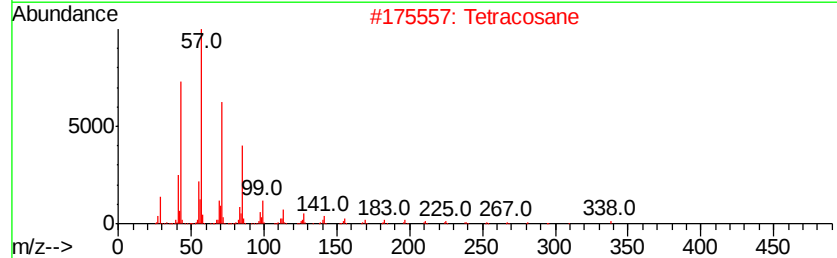
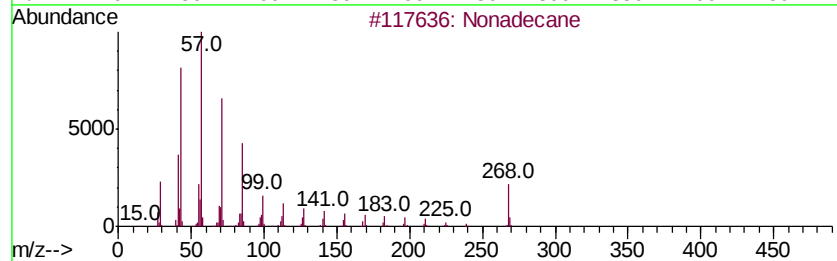
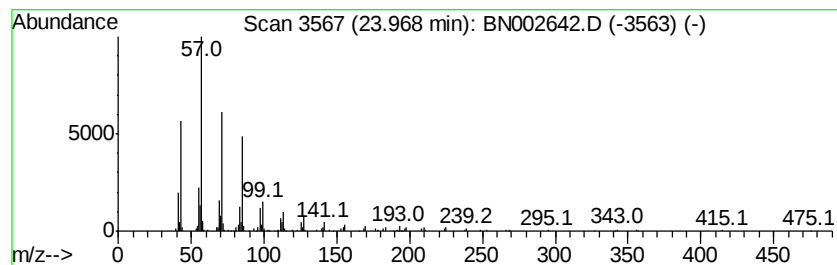
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.94 ng/ul	414282	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Docosane	310	C22H46	000629-97-0	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002642.D
Acq On : 11 Sep 2018 23:15
Operator : JU/SJ
Sample : J4837-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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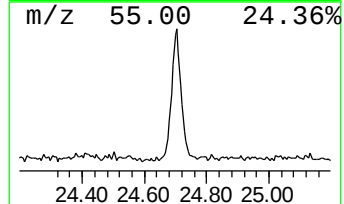
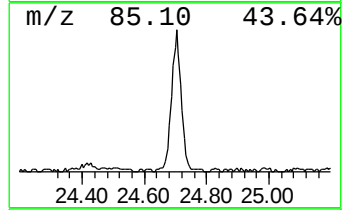
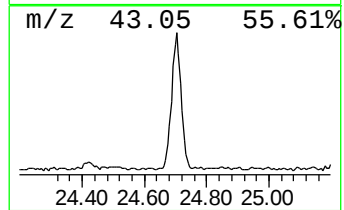
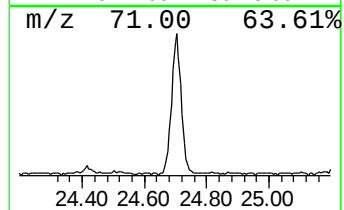
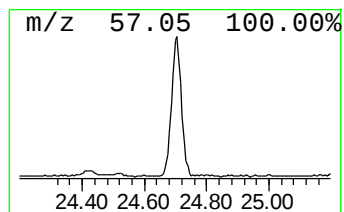
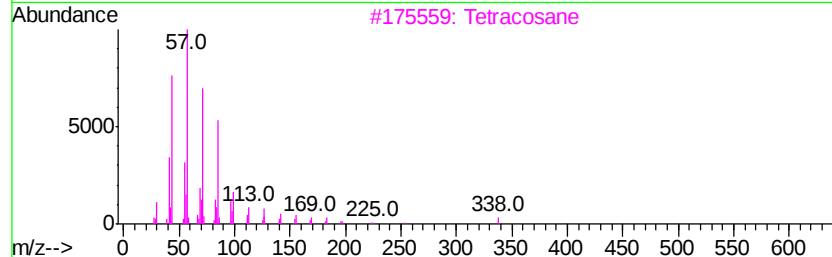
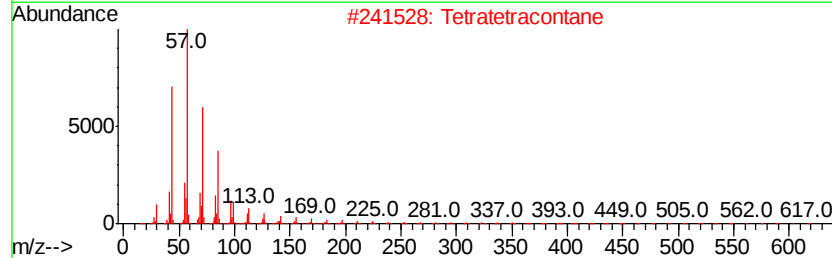
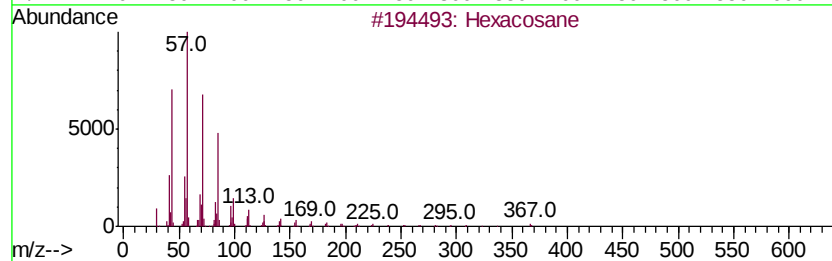
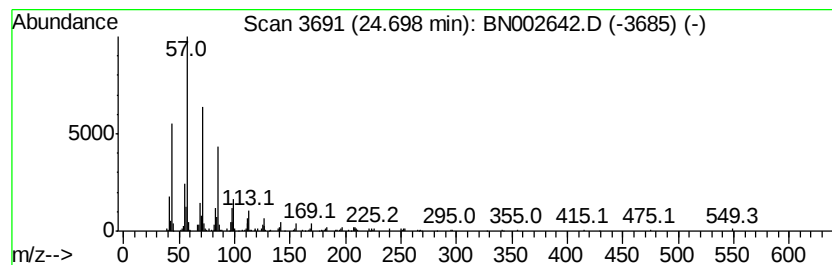
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Quant Title : SVOA CALIBRATION

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.
24.70	3.08 ng/ul	433241	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002642.D
Acq On : 11 Sep 2018 23:15
Operator : JU/SJ
Sample : J4837-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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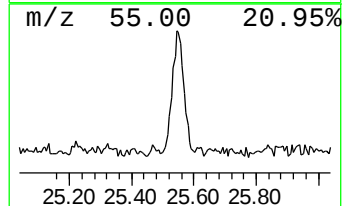
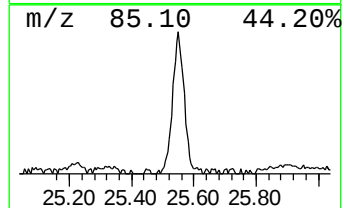
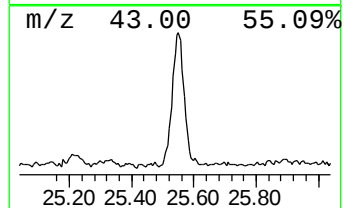
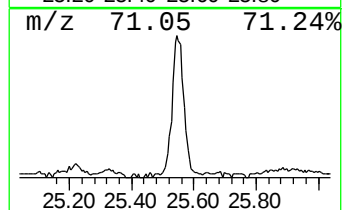
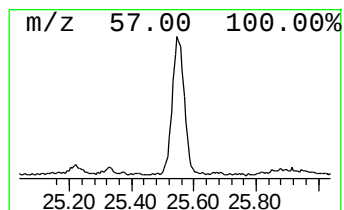
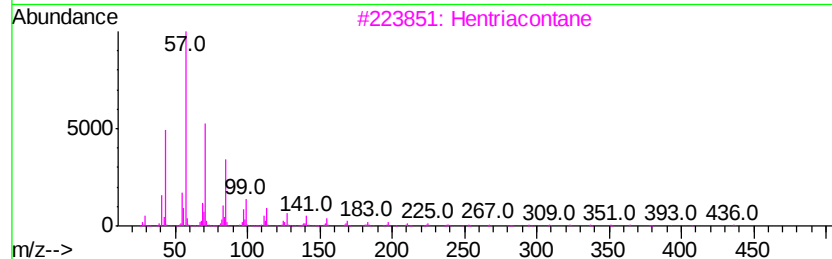
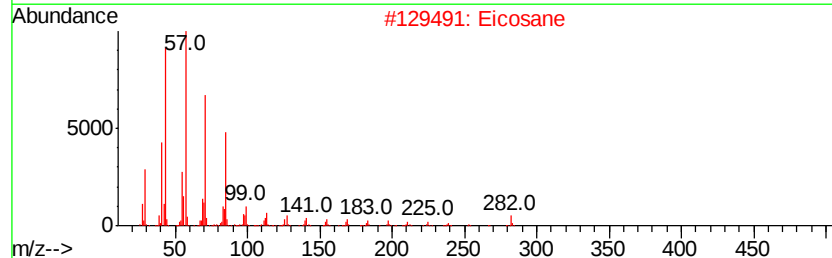
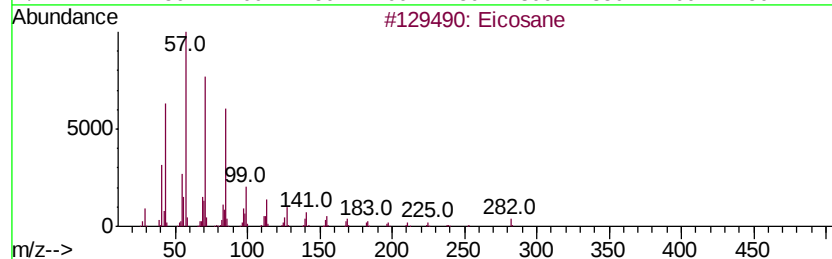
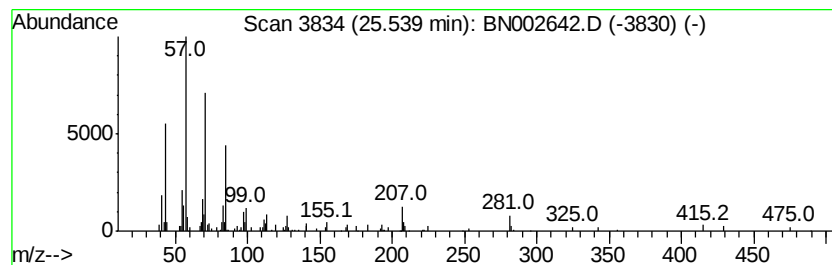
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
25.54	2.04 ng/ul	287517	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	89
3		Hentriacontane	437	C31H64	000630-04-6	81
4		Hexacosane	366	C26H54	000630-01-3	81
5		Tetratetracontane	619	C44H90	007098-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091118\
Data File : BN002642.D
Acq On : 11 Sep 2018 23:15
Operator : JU/SJ
Sample : J4837-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08S6

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
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1-(2-Thienyl)-1-p...	10.35	2.4	ng/ul	193370	2	10.43	1584190	20.0
Benzaldehyde, 3-h...	13.22	25.3	ng/ul	2826950	3	14.29	2233520	20.0
7,9-Di-tert-butyl...	17.72	7.7	ng/ul	1059810	4	17.05	2740850	20.0
(DEL) Alkane: Str...	22.79	2.1	ng/ul	290176	6	23.46	2814540	20.0
(DEL) Alkane: Str...	23.97	2.9	ng/ul	414282	6	23.46	2814540	20.0
(DEL) Alkane: Str...	24.70	3.1	ng/ul	433241	6	23.46	2814540	20.0
(DEL) Alkane: Str...	25.54	2.0	ng/ul	287517	6	23.46	2814540	20.0